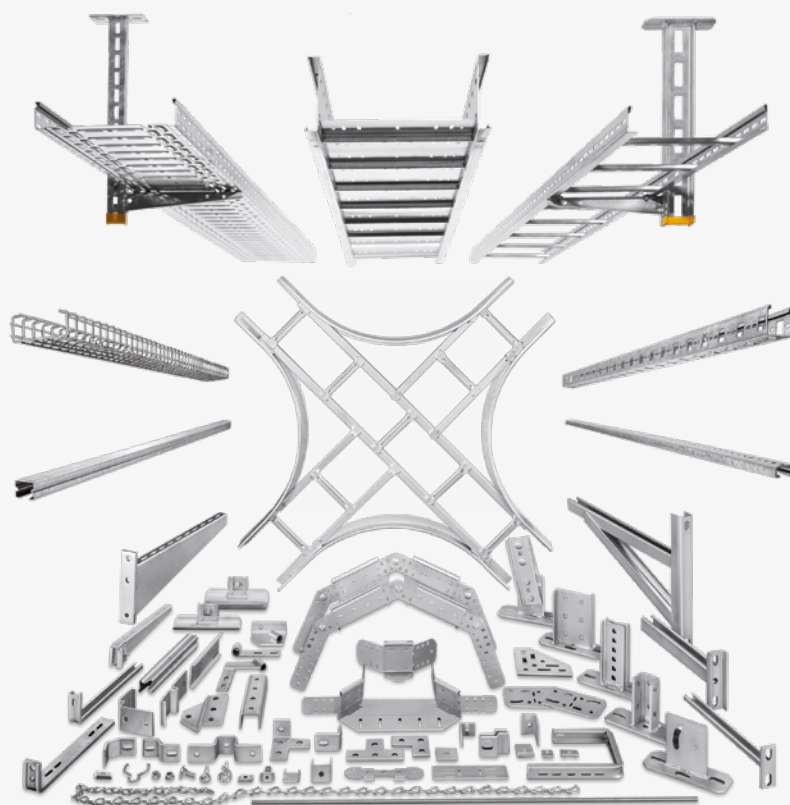


Cable Support Systems

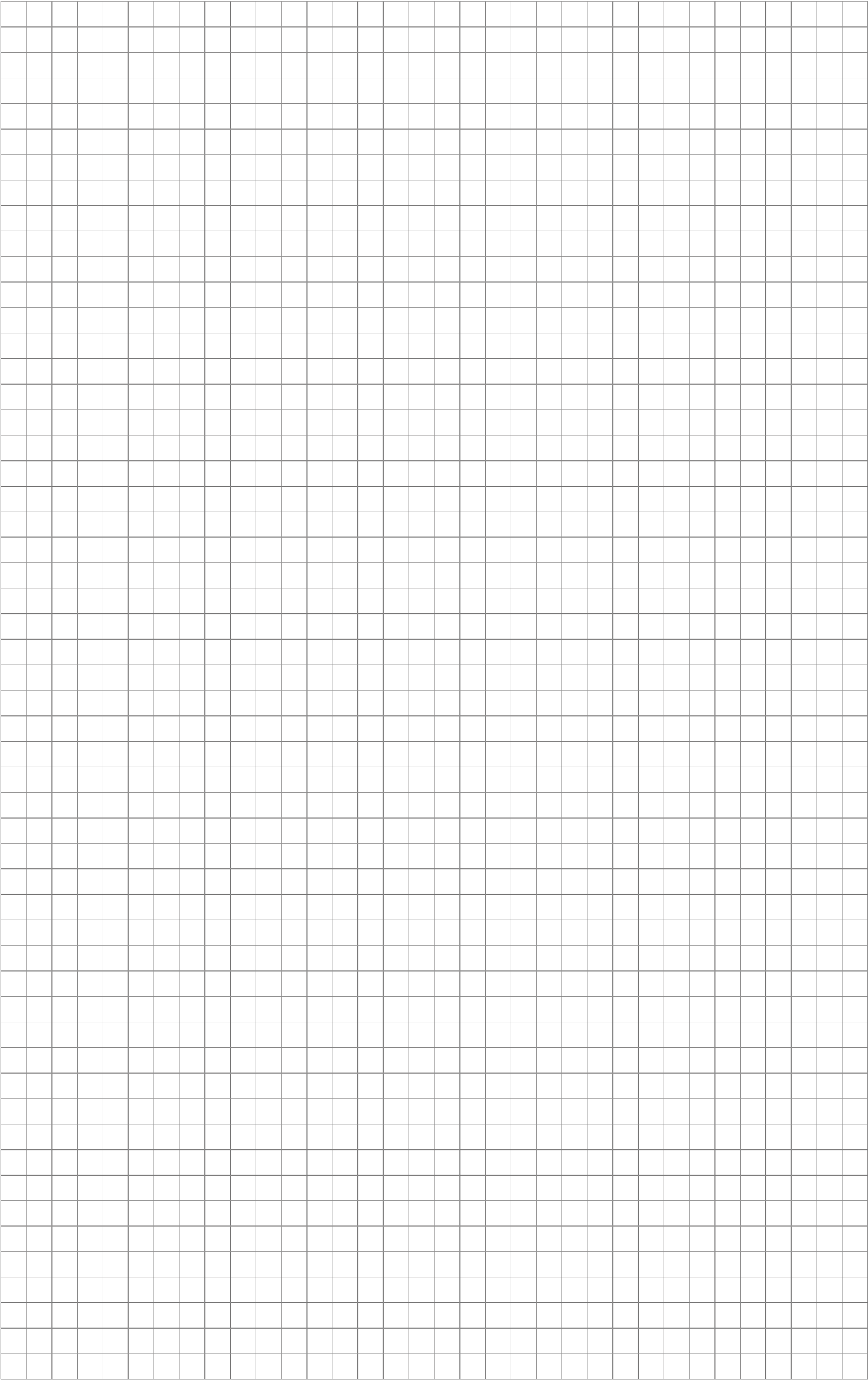
Catalogue



Cable Support Systems

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Foreword

In this catalogue you will find a comprehensive overview of cable support systems for standard-compliant cable routing on ceilings, walls and floors. The products are shown with dimensioned illustrations and are described in detail in technical tables with regard to their properties and designs.

For a clear interpretation of the abbreviations used in the table headers, please refer to the enclosed legend.

In addition to the product overview, the catalogue contains the Planning chapter, which provides relevant information, particularly for structural engineers, on the structurally safe and standard-compliant design of cable support systems.

In the subsequent chapter on installation, you will find references to our current installation instructions, which will help you with professional installation.

A detailed list of included accessories can also be found on our website.

Legend

Attribut	Description
A	cross section area
a	Mesh cable tray spacing
B	width
B _P	profile width
d	thickness
Ø D	diameter
F _{D/P}	dowel-to-anchor load
F _{zul}	permissible load
G	weight
H	height
H _{max}	maximum height
H _{min}	minimum height
H _P	profile height
k	clamping range
cables	max. number of cables
KQ	cable cross-section

Attribut	Description
L	length
L _{min}	min. borehole depth
M	torque
M _A	Tightening torque
MG	thread size (metric)
P _{max}	maximum load
P _{quer}	max. permissible shear force
P _{Zug}	max. permissible tensile force
Q _{LK}	distributed load power cable
Q _{SK}	distributed load control cable
R	radius
StA	support distance
SW	wrench size
T _{max}	flame retardancy, test temperature
t	material thickness
W	angle



Walking prohibited



Suitable for functional maintenance



Cable Trays

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Cable Trays

R 35

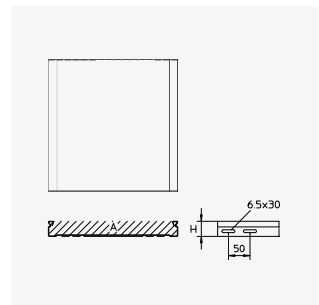
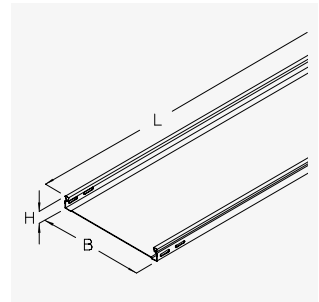
Cable tray, unperforated, height = 35 mm



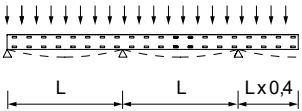
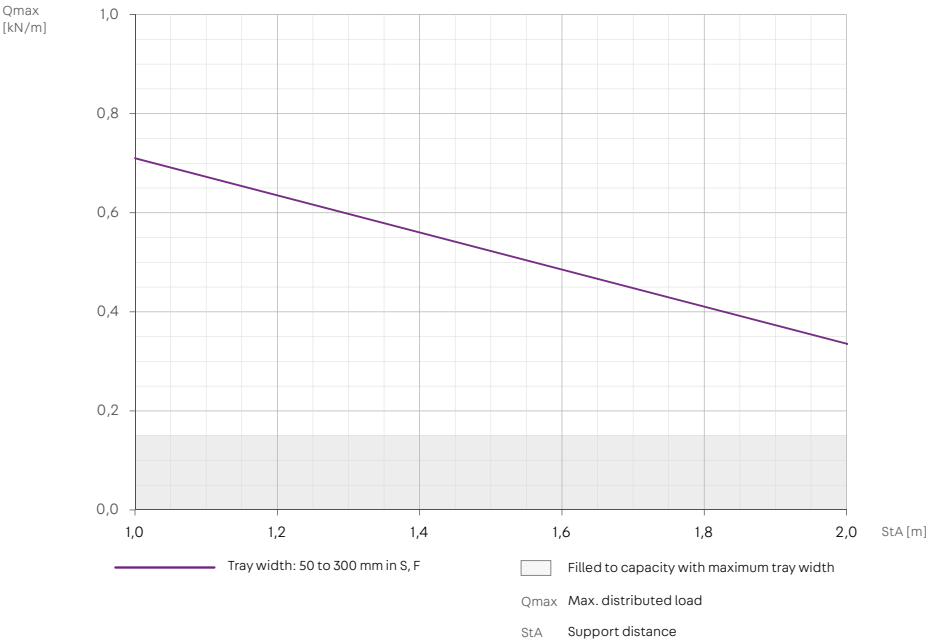
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
R 35-05S	35	50	3000	0.75	15	0.02	2.850
R 35-10S	35	100	3000	0.75	32	0.05	3.731
R 35-20S	35	200	3000	0.75	67	0.10	5.498
R 35-30S	35	300	3000	0.75	102	0.15	7.264
Steel, hot-dip galvanised							
R 35-05F	35	50	3000	0.75	15	0.02	3.200
R 35-10F	35	100	3000	0.75	32	0.05	4.183
R 35-20F	35	200	3000	0.75	67	0.10	6.164
R 35-30F	35	300	3000	0.75	102	0.15	8.144

optional accessories

MA 35	Middle suspending bracket, internal	408
RA 35	Cable tray tee, height = 35 mm	53
RAA 35	Cable tray add-on tee, height = 35 mm	51
RAB 35	Cable tray end plate, height = 20 mm	84
RAE 35	Cable tray attachment corner, height = 35 mm	47
RB 35	Cable tray bend, height = 35 mm	39
RB45 35	Cable tray bend, height = 35 mm	42
RBV 35	Cable tray bend, variable, height = 35 mm	44
RD	Cable tray cover	67, 241
RDR	Cable tray cover with turnbuckles	68
REB	Cable tray end plate	89
RGV 35	Cable tray side connector, height = 20 mm	86
RK 35	Cable tray crossing, height = 35 mm	56
RR 35	Cable tray reducer, height = 35 mm	61
RTR 35	Cable tray divider, height = 33 mm	91
RVB 35	Cable tray vertical bend, height = 35 mm	59
VB	Bottom plate	88, 216



Load diagram R 35



R 60

Cable tray, unperforated, height = 60 mm



Article	H	B	L	t	A	Q _{SK}	G
	mm	mm	mm	mm	cm ²	kN/m	kg
Steel, pre-galvanised/Sendzimir process							
R 60-05S	60	50	3000	0.75	27	0.04	3.730
R 60-10S	60	100	3000	0.75	57	0.09	4.601
R 60-20S	60	200	3000	0.75	117	0.17	6.368
R 60-30S	60	300	3000	0.75	177	0.26	8.134
R 60-40S	60	400	3000	0.88	237	0.34	11.595
R 60-50S	60	500	3000	1.00	297	0.43	15.508
R 60-60S	60	600	3000	1.00	357	0.52	17.863

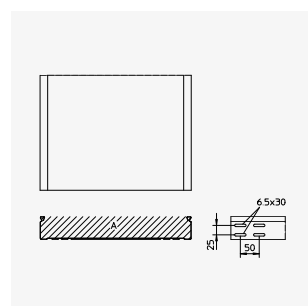
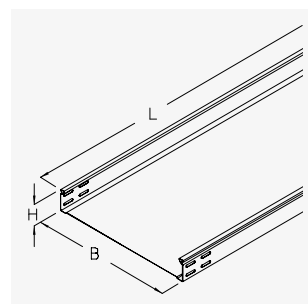
Steel, hot-dip galvanised							
R 60-05F	60	50	3000	0.75	27	0.04	4.180
R 60-10F	60	100	3000	0.75	57	0.09	5.159
R 60-20F	60	200	3000	0.75	117	0.17	7.139
R 60-30F	60	300	3000	0.75	177	0.26	9.119
R 60-40F	60	400	3000	0.88	237	0.34	12.793
R 60-50F	60	500	3000	1.00	297	0.43	16.917
R 60-60F	60	600	3000	1.00	357	0.52	19.486

Stainless steel, acc. to AISI 304 (BS 304S31)							
R 60-05E	60	50	3000	0.80	27	0.04	4.000
R 60-10E	60	100	3000	0.80	57	0.09	4.900
R 60-20E	60	200	3000	0.80	117	0.17	6.800
R 60-30E	60	300	3000	0.80	177	0.26	8.800
R 60-40E	60	400	3000	0.80	237	0.34	10.600
R 60-50E	60	500	3000	1.00	297	0.43	15.600
R 60-60E	60	600	3000	1.00	357	0.52	17.900

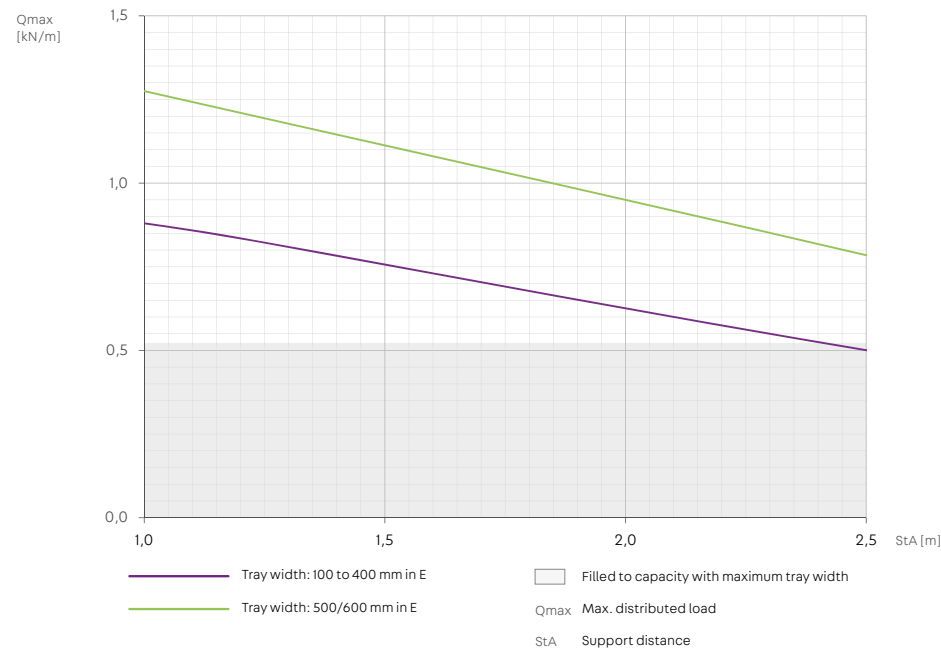
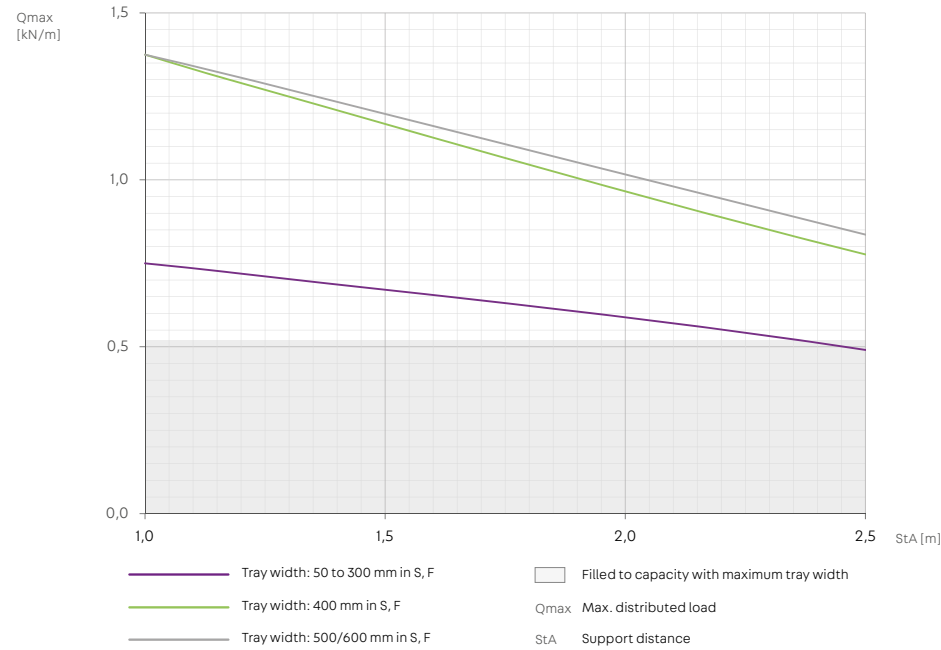
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
R 60-10E4	60	100	3000	0.80	57	0.09	5.002
R 60-20E4	60	200	3000	0.80	117	0.17	6.835
R 60-30E4	60	300	3000	0.80	177	0.26	8.731
R 60-40E4	60	400	3000	0.80	237	0.34	10.790
R 60-50E4	60	500	3000	1.00	297	0.43	15.840
R 60-60E4	60	600	3000	1.00	357	0.52	20.568

optional accessories

MA 60	Middle suspending bracket, internal	408
RA 60	Cable tray tee, height = 60 mm	54
RAA 60	Cable tray add-on tee, height = 60 mm	51
RAB 60	Cable tray end plate, height = 45 mm	84
RAE 60	Cable tray attachment corner, height = 60 mm	47
RB45 60	Cable tray bend, height = 60 mm	42
RB 60	Cable tray bend, height = 60 mm	39
RBV 60	Cable tray bend, variable, height = 60 mm	45
RD	Cable tray cover	67, 241
RDR	Cable tray cover with turnbuckles	68
REB	Cable tray end plate	89
RGV 60	Cable tray side connector, height = 45 mm	86
RGVS 60	Cable tray side snap-in connector, height = 60 mm	87
RK 60	Cable tray crossing, height = 60 mm	57
RR 60	Cable tray reducer, height = 60 mm	62
RTR 60	Cable tray divider, height = 50 mm	91
RVB 60	Cable tray vertical bend, height = 60 mm	60
VB	Bottom plate	88, 216



Load diagram R 60



R 85

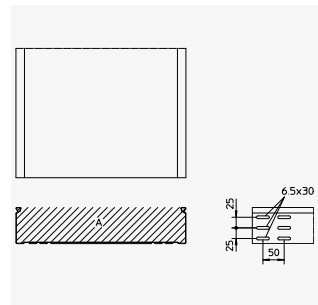
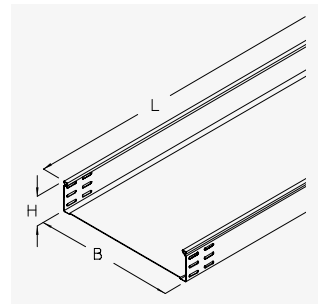
Cable tray, unperforated, height = 85 mm



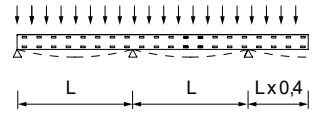
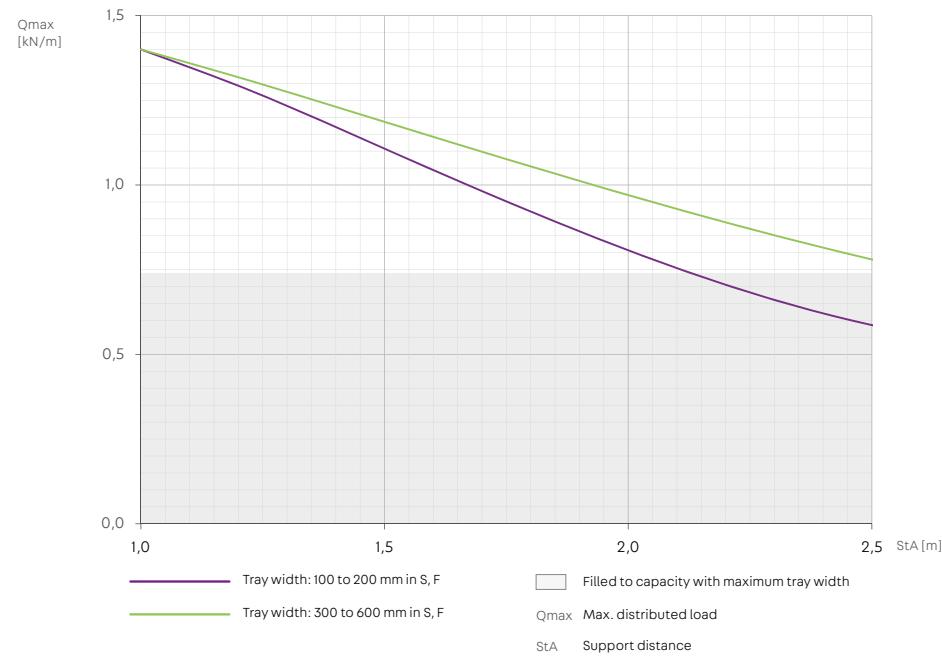
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
R 85-10S	85	100	3000	0.75	82	0.12	5.471
R 85-20S	85	200	3000	0.75	167	0.25	7.238
R 85-30S	85	300	3000	0.88	252	0.38	10.554
R 85-40S	85	400	3000	0.88	337	0.51	12.616
R 85-50S	85	500	3000	1.00	422	0.63	16.668
R 85-60S	85	600	3000	1.00	507	0.76	19.023
Steel, hot-dip galvanised							
R 85-10F	85	100	3000	0.75	82	0.12	6.134
R 85-20F	85	200	3000	0.75	167	0.25	8.114
R 85-30F	85	300	3000	0.88	252	0.38	11.636
R 85-40F	85	400	3000	0.88	337	0.51	13.919
R 85-50F	85	500	3000	1.00	422	0.63	18.183
R 85-60F	85	600	3000	1.00	507	0.76	20.751

optional accessories

RD	Cable tray cover	67,241
RDR	Cable tray cover with turnbuckles	68
RB 85	Cable tray bend, height = 85 mm	40
RB45 85	Cable tray bend, height = 85 mm	43
RBV 85	Cable tray bend, variable, height = 85 mm	46
RAE 85	Cable tray attachment corner, height = 85 mm	48
RAA 85	Cable tray add-on tee, height = 85 mm	52
RA 85	Cable tray tee, height = 85 mm	55
RK 85	Cable tray crossing, height = 85 mm	58
RVB 85	Cable tray vertical bend, height = 85 mm	60
RR 85	Cable tray reducer, height = 85 mm	62
RAB 85	Cable tray end plate, height = 70 mm	85
REB	Cable tray end plate	89
RGV 85	Cable tray side connector, height = 70 mm	86
VB	Bottom plate	88,216
RTR 85	Cable tray divider, height = 80 mm	92



Load diagram R 85

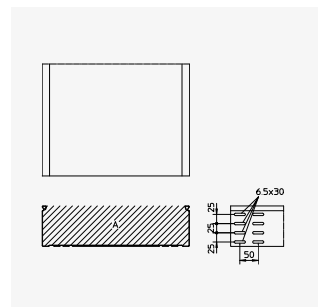
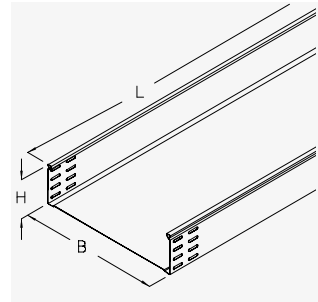


R 110

Cable tray, unperforated, height = 110 mm



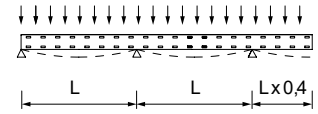
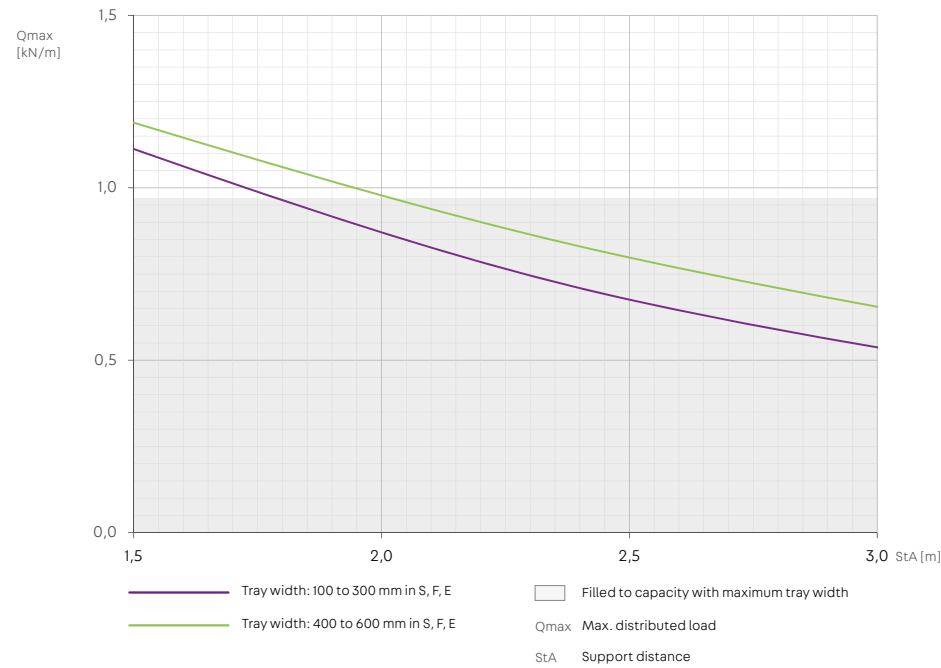
Article	H	B	L	t	A	Q _{SK}	G
	mm	mm	mm	mm	cm ²	kN/m	kg
Steel, pre-galvanised/Sendzimir process							
R 110-10S	110	100	3000	0.75	107	0.16	6.341
R 110-20S	110	200	3000	0.75	217	0.33	8.108
R 110-30S	110	300	3000	0.88	327	0.49	11.565
R 110-40S	110	400	3000	1.00	437	0.66	15.473
R 110-50S	110	500	3000	1.00	547	0.82	17.828
R 110-60S	110	600	3000	1.00	657	0.99	20.183
Steel, hot-dip galvanised							
R 110-10F	110	100	3000	0.75	107	0.16	7.110
R 110-20F	110	200	3000	0.75	217	0.33	9.090
R 110-30F	110	300	3000	0.88	327	0.49	12.759
R 110-40F	110	400	3000	1.00	437	0.66	16.879
R 110-50F	110	500	3000	1.00	547	0.82	19.448
R 110-60F	110	600	3000	1.00	657	0.99	22.017
Stainless steel, acc. to AISI 304 (BS 304S31)							
R 110-10E	110	100	3000	0.80	107	0.16	6.700
R 110-20E	110	200	3000	0.80	217	0.33	8.800
R 110-30E	110	300	3000	0.80	327	0.49	10.800
R 110-40E	110	400	3000	1.00	437	0.66	14.900
R 110-50E	110	500	3000	1.00	547	0.82	17.941
R 110-60E	110	600	3000	1.00	657	0.99	20.311



optional accessories

RD	Cable tray cover	67,241
RDR	Cable tray cover with turnbuckles	68
RB 110	Cable tray bend, height = 110 mm	41
RB45 110	Cable tray bend, height = 110 mm	44
RBV 110	Cable tray bend, variable, height = 110 mm	46
RAE 110	Cable tray attachment corner, height = 110 mm	48
RAA 110	Cable tray add-on tee, height = 110 mm	53
RA 110	Cable tray tee, height = 110 mm	56
RK 110	Cable tray crossing, height = 110 mm	59
RVB 110	Cable tray vertical bend, height = 110 mm	61
RR 110	Cable tray reducer, height = 110 mm	63
RAB 110	Cable tray end plate, height = 95 mm	85
REB	Cable tray end plate	89
RGV 110	Cable tray side connector, height = 95 mm	87
VB	Bottom plate	88,216
RTR 110	Cable tray divider, height = 100 mm	92

Load diagram R 110



RS 60

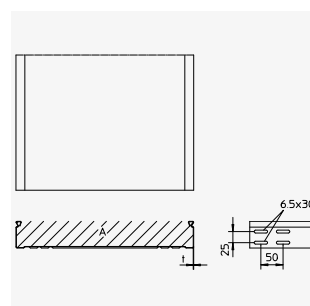
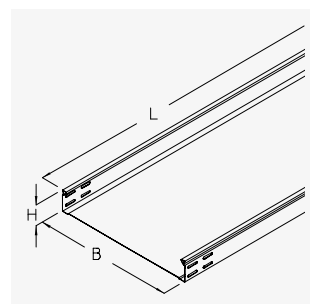
Cable tray, unperforated, heavy, height = 60 mm



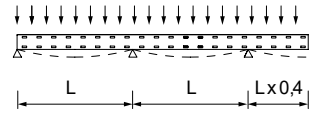
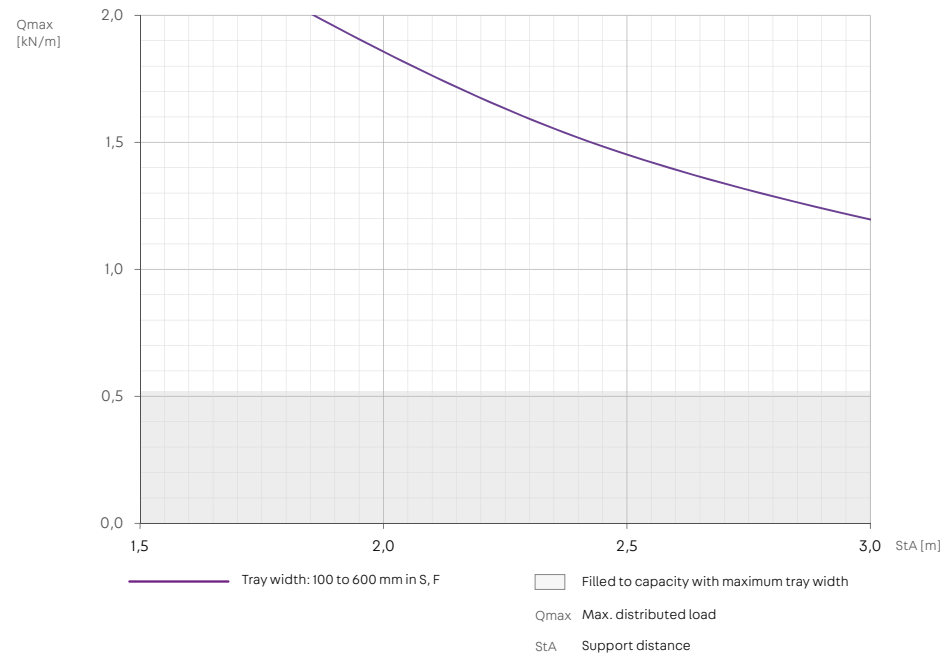
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{sk} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RS 60-10S	60	100	3000	1.50	57	0.09	9.200
RS 60-20S	60	200	3000	1.50	117	0.17	12.600
RS 60-30S	60	300	3000	1.50	177	0.26	15.900
RS 60-40S	60	400	3000	1.50	237	0.34	18.900
RS 60-50S	60	500	3000	1.50	297	0.43	22.100
RS 60-60S	60	600	3000	1.50	357	0.52	25.600
Steel, hot-dip galvanised							
RS 60-10F	60	100	3000	1.50	57	0.09	9.573
RS 60-20F	60	200	3000	1.50	117	0.17	13.319
RS 60-30F	60	300	3000	1.50	177	0.26	17.066
RS 60-40F	60	400	3000	1.50	237	0.34	20.812
RS 60-50F	60	500	3000	1.50	297	0.43	24.559
RS 60-60F	60	600	3000	1.50	357	0.52	28.305

optional accessories

RD	Cable tray cover	67,241
RDR	Cable tray cover with turnbuckles	68
RDS	Cable tray cover, heavy	69
RDSR	Cable tray cover with turnbuckles, heavy	69
RB 60	Cable tray bend, height = 60 mm	39
RB45 60	Cable tray bend, height = 60 mm	42
MA 60	Middle suspending bracket, internal	408
RBV 60	Cable tray bend, variable, height = 60 mm	45
RAE 60	Cable tray attachment corner, height = 60 mm	47
RAA 60	Cable tray add-on tee, height = 60 mm	51
RA 60	Cable tray tee, height = 60 mm	54
RK 60	Cable tray crossing, height = 60 mm	57
RVB 60	Cable tray vertical bend, height = 60 mm	60
RR 60	Cable tray reducer, height = 60 mm	62
RAB 60	Cable tray end plate, height = 45 mm	84
REB	Cable tray end plate	89
RGV 60	Cable tray side connector, height = 45 mm	86
VB	Bottom plate	88,216
RTR 60	Cable tray divider, height = 50 mm	91



Load diagram RS 60



RS 110

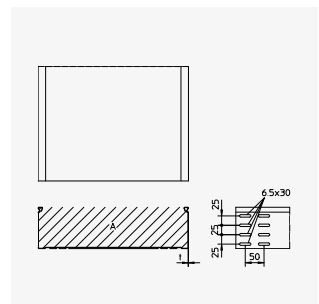
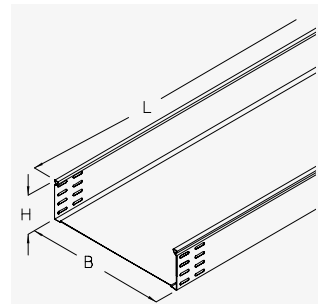
Cable tray, unperforated, heavy, height = 110 mm



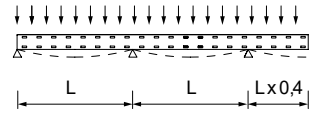
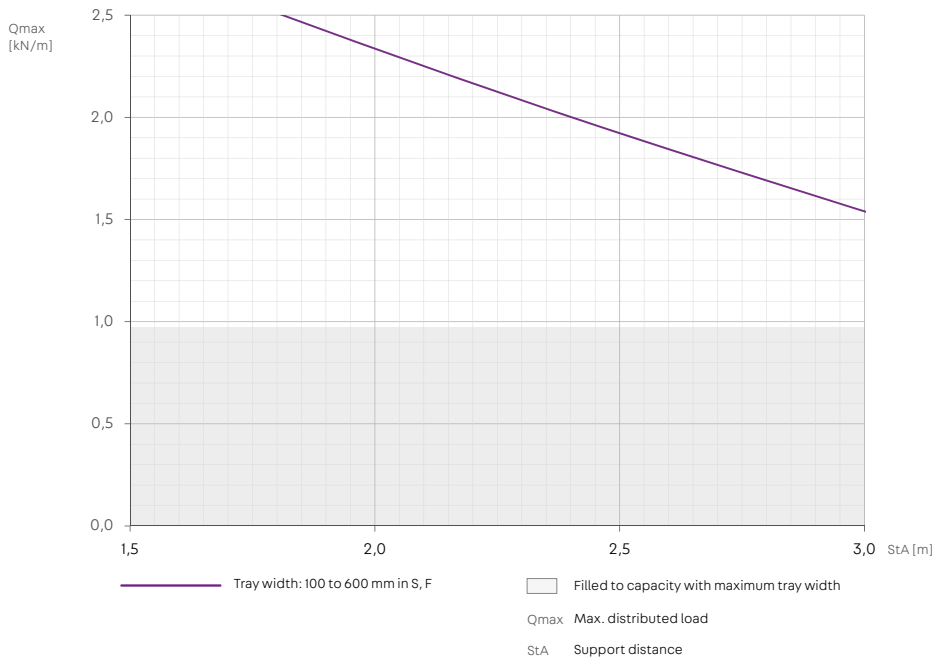
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RS 110-10S	110	100	3000	1.50	107	0.16	12.600
RS 110-20S	110	200	3000	1.50	217	0.33	15.895
RS 110-30S	110	300	3000	1.50	327	0.49	19.125
RS 110-40S	110	400	3000	1.50	437	0.66	23.200
RS 110-50S	110	500	3000	1.50	547	0.82	26.000
RS 110-60S	110	600	3000	1.50	657	0.99	29.900
Steel, hot-dip galvanised							
RS 110-10F	110	100	3000	1.50	107	0.16	13.264
RS 110-20F	110	200	3000	1.50	217	0.33	17.010
RS 110-30F	110	300	3000	1.50	327	0.49	19.800
RS 110-40F	110	400	3000	1.50	437	0.66	24.503
RS 110-50F	110	500	3000	1.50	547	0.82	28.149
RS 110-60F	110	600	3000	1.50	657	0.99	31.996

optional accessories

RD	Cable tray cover	67,241
RDR	Cable tray cover with turnbuckles	68
RDS	Cable tray cover, heavy	69
RDSR	Cable tray cover with turnbuckles, heavy	69
RB 110	Cable tray bend, height = 110 mm	41
RB45 110	Cable tray bend, height = 110 mm	44
RBV 110	Cable tray bend, variable, height = 110 mm	46
RAE 110	Cable tray attachment corner, height = 110 mm	48
RAA 110	Cable tray add-on tee, height = 110 mm	53
RA 110	Cable tray tee, height = 110 mm	56
RK 110	Cable tray crossing, height = 110 mm	59
RVB 110	Cable tray vertical bend, height = 110 mm	61
RR 110	Cable tray reducer, height = 110 mm	63
RAB 110	Cable tray end plate, height = 95 mm	85
REB	Cable tray end plate	89
RGV 110	Cable tray side connector, height = 95 mm	87
VB	Bottom plate	88,216
RTR 110	Cable tray divider, height = 100 mm	92



Load diagram RS 110



RG 35

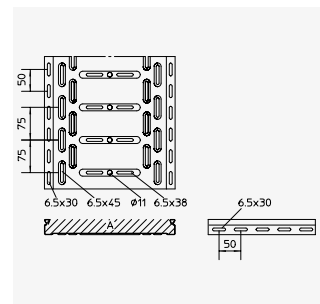
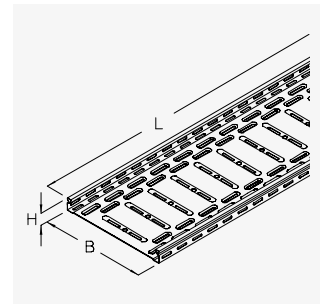
Cable tray, perforated, height = 35 mm



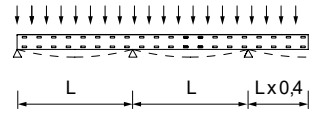
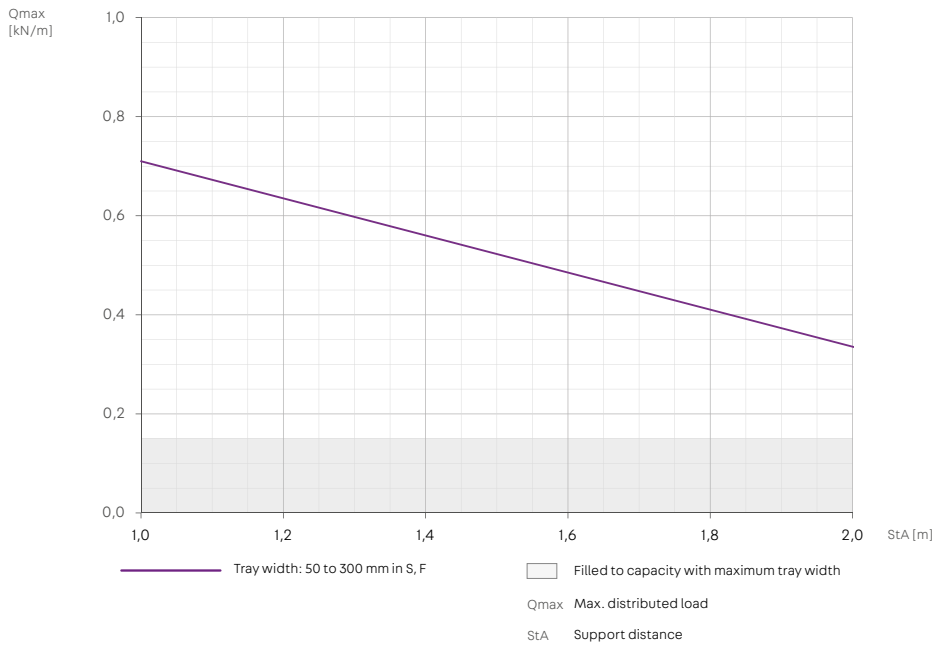
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RG 35-05S	35	50	3000	0.75	15	0.02	2.620
RG 35-10S	35	100	3000	0.75	32	0.05	3.500
RG 35-20S	35	200	3000	0.75	67	0.10	5.200
RG 35-30S	35	300	3000	0.75	102	0.15	6.000
Steel, hot-dip galvanised							
RG 35-05F	35	50	3000	0.75	15	0.02	2.937
RG 35-10F	35	100	3000	0.75	32	0.05	3.820
RG 35-20F	35	200	3000	0.75	67	0.10	5.600
RG 35-30F	35	300	3000	0.75	102	0.15	7.600

optional accessories

RD	Cable tray cover	67, 241
RDR	Cable tray cover with turnbuckles	68
RB 35	Cable tray bend, height = 35 mm	39
RB45 35	Cable tray bend, height = 35 mm	42
RBV 35	Cable tray bend, variable, height = 35 mm	44
RAE 35	Cable tray attachment corner, height = 35 mm	47
RAA 35	Cable tray add-on tee, height = 35 mm	51
RA 35	Cable tray tee, height = 35 mm	53
RK 35	Cable tray crossing, height = 35 mm	56
RVB 35	Cable tray vertical bend, height = 35 mm	59
RR 35	Cable tray reducer, height = 35 mm	61
RAB 35	Cable tray end plate, height = 20 mm	84
REB	Cable tray end plate	89
RGV 35	Cable tray side connector, height = 20 mm	86
VB	Bottom plate	88, 216
RTR 35	Cable tray divider, height = 33 mm	91
RKAB	Cable tray drop-out plate	95



Load diagram RG 35

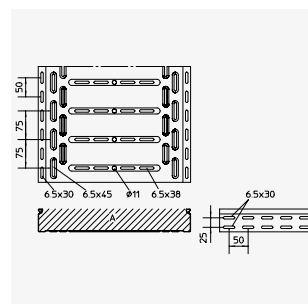
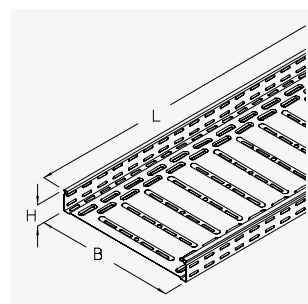


RG 60

Cable tray, perforated, height = 60 mm



Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RG 60-05S	60	50	3000	0.75	27	0.04	3.372
RG 60-10S	60	100	3000	0.75	57	0.09	4.300
RG 60-15S	60	150	3000	0.75	87	0.13	5.200
RG 60-20S	60	200	3000	0.75	117	0.17	5.800
RG 60-30S	60	300	3000	0.75	177	0.26	7.400
RG 60-40S	60	400	3000	0.88	237	0.34	10.600
RG 60-50S	60	500	3000	1.00	297	0.43	14.200
RG 60-60S	60	600	3000	1.00	357	0.52	16.400
Steel, hot-dip galvanised							
RG 60-05F	60	50	3000	0.75	27	0.04	3.780
RG 60-10F	60	100	3000	0.75	57	0.09	4.800
RG 60-15F	60	150	3000	0.75	87	0.13	5.611
RG 60-20F	60	200	3000	0.75	117	0.17	6.500
RG 60-30F	60	300	3000	0.75	177	0.26	8.300
RG 60-40F	60	400	3000	0.88	237	0.34	11.700
RG 60-50F	60	500	3000	1.00	297	0.43	15.700
RG 60-60F	60	600	3000	1.00	357	0.52	18.100
Stainless steel, acc. to AISI 304 (BS 304S31)							
RG 60-05E	60	50	3000	0.80	27	0.04	3.619
RG 60-10E	60	100	3000	0.80	57	0.09	4.600
RG 60-20E	60	200	3000	0.80	117	0.17	6.200
RG 60-30E	60	300	3000	0.80	177	0.26	8.000
RG 60-40E	60	400	3000	0.80	237	0.34	9.900
RG 60-50E	60	500	3000	1.00	297	0.43	14.300
RG 60-60E	60	600	3000	1.00	357	0.52	16.600



optional accessories

RD	Cable tray cover	67, 241
RDR	Cable tray cover with turnbuckles	68
RB 60	Cable tray bend, height = 60 mm	39
RB45 60	Cable tray bend, height = 60 mm	42
MA 60	Middle suspending bracket, internal	408
RBV 60	Cable tray bend, variable, height = 60 mm	45
RAE 60	Cable tray attachment corner, height = 60 mm	47
RAA 60	Cable tray add-on tee, height = 60 mm	51
RA 60	Cable tray tee, height = 60 mm	54
RK 60	Cable tray crossing, height = 60 mm	57
RVB 60	Cable tray vertical bend, height = 60 mm	60
RR 60	Cable tray reducer, height = 60 mm	62
RAB 60	Cable tray end plate, height = 45 mm	84
REB	Cable tray end plate	89
RGV 60	Cable tray side connector, height = 45 mm	86
RGVS 60	Cable tray side snap-in connector, height = 60 mm	87
VB	Bottom plate	88, 216
RTR 60	Cable tray divider, height = 50 mm	91
RKAB	Cable tray drop-out plate	95

RG 60

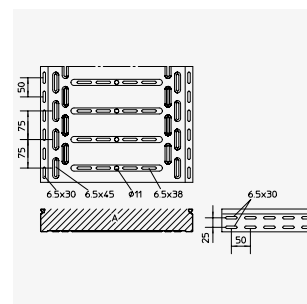
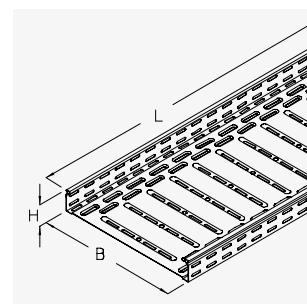
Cable tray, perforated, height = 60 mm



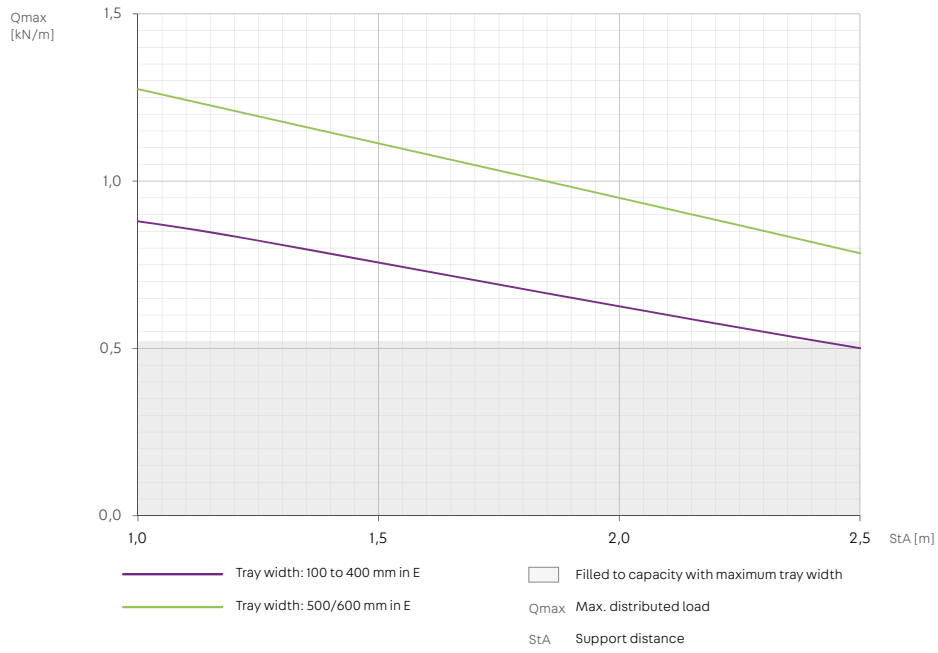
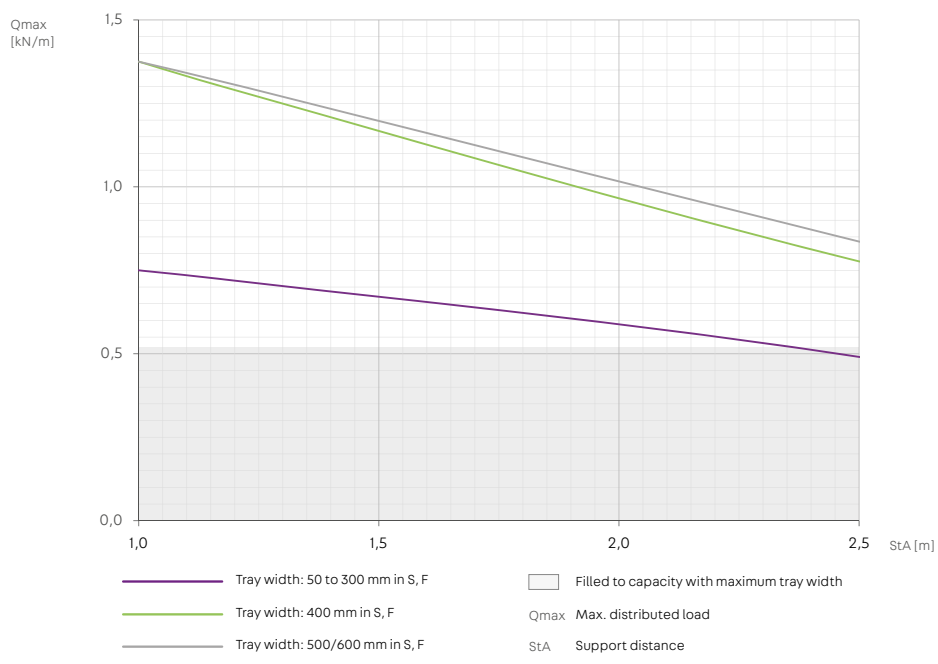
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
RG 60-10E4	60	100	3000	0.80	57	0.09	4.567
RG 60-20E4	60	200	3000	0.80	117	0.17	6.400
RG 60-30E4	60	300	3000	0.80	177	0.26	7.837
RG 60-40E4	60	400	3000	0.80	237	0.34	9.075
RG 60-50E4	60	500	3000	1.00	297	0.43	14.800
RG 60-60E4	60	600	3000	1.00	357	0.52	16.000

optional accessories

RD	Cable tray cover	67,241
RDR	Cable tray cover with turnbuckles	68
RB 60	Cable tray bend, height = 60 mm	39
RB45 60	Cable tray bend, height = 60 mm	42
MA 60	Middle suspending bracket, internal	408
RBV 60	Cable tray bend, variable, height = 60 mm	45
RAE 60	Cable tray attachment corner, height = 60 mm	47
RAA 60	Cable tray add-on tee, height = 60 mm	51
RA 60	Cable tray tee, height = 60 mm	54
RK 60	Cable tray crossing, height = 60 mm	57
RVB 60	Cable tray vertical bend, height = 60 mm	60
RR 60	Cable tray reducer, height = 60 mm	62
RAB 60	Cable tray end plate, height = 45 mm	84
REB	Cable tray end plate	89
RGV 60	Cable tray side connector, height = 45 mm	86
RGVS 60	Cable tray side snap-in connector, height = 60 mm	87
VB	Bottom plate	88,216
RTR 60	Cable tray divider, height = 50 mm	91
RKAB	Cable tray drop-out plate	95



Load diagram RG 60



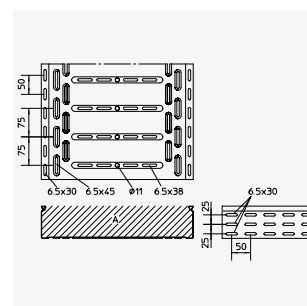
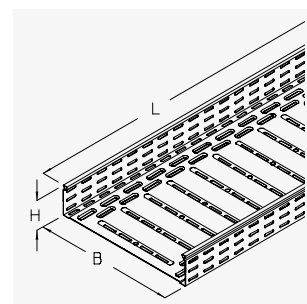
RG 85

Cable tray, perforated, height = 85 mm

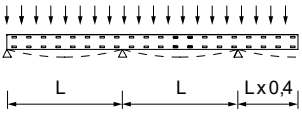
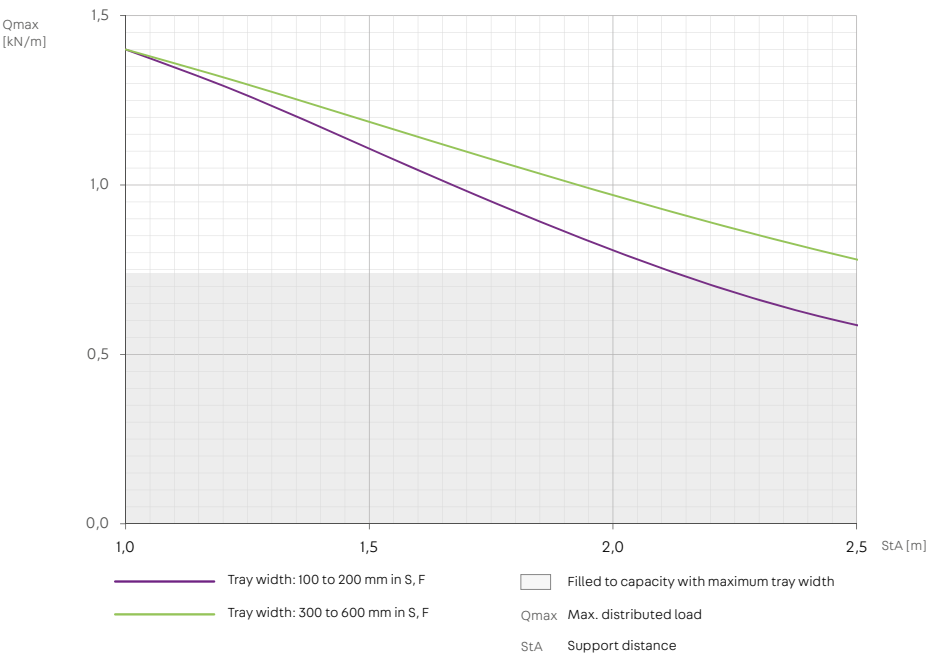
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RG 85-10S	85	100	3000	0.75	82	0.12	5.010
RG 85-20S	85	200	3000	0.75	167	0.25	6.500
RG 85-30S	85	300	3000	0.88	252	0.38	9.600
RG 85-40S	85	400	3000	0.88	337	0.51	11.600
RG 85-50S	85	500	3000	1.00	422	0.63	15.250
RG 85-60S	85	600	3000	1.00	507	0.76	17.600
Steel, hot-dip galvanised							
RG 85-10F	85	100	3000	0.75	82	0.12	6.000
RG 85-20F	85	200	3000	0.75	167	0.25	7.150
RG 85-30F	85	300	3000	0.88	252	0.38	10.550
RG 85-40F	85	400	3000	0.88	337	0.51	12.900
RG 85-50F	85	500	3000	1.00	422	0.63	16.600
RG 85-60F	85	600	3000	1.00	507	0.76	18.400

optional accessories

RD	Cable tray cover	67, 241
RDR	Cable tray cover with turnbuckles	68
RB 85	Cable tray bend, height = 85 mm	40
RB45 85	Cable tray bend, height = 85 mm	43
RBV 85	Cable tray bend, variable, height = 85 mm	46
RAE 85	Cable tray attachment corner, height = 85 mm	48
RAA 85	Cable tray add-on tee, height = 85 mm	52
RA 85	Cable tray tee, height = 85 mm	55
RK 85	Cable tray crossing, height = 85 mm	58
RVB 85	Cable tray vertical bend, height = 85 mm	60
RR 85	Cable tray reducer, height = 85 mm	62
RAB 85	Cable tray end plate, height = 70 mm	85
REB	Cable tray end plate	89
RGV 85	Cable tray side connector, height = 70 mm	86
VB	Bottom plate	88, 216
RTR 85	Cable tray divider, height = 80 mm	92
RKAB	Cable tray drop-out plate	95



Load diagram R 85



RG 110

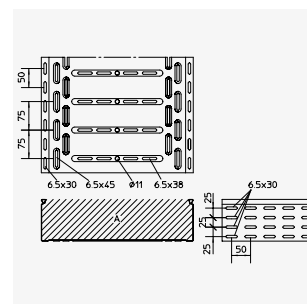
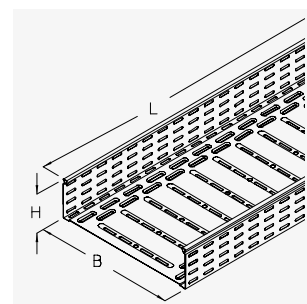
Cable tray, perforated, height = 110 mm



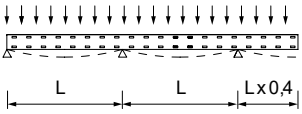
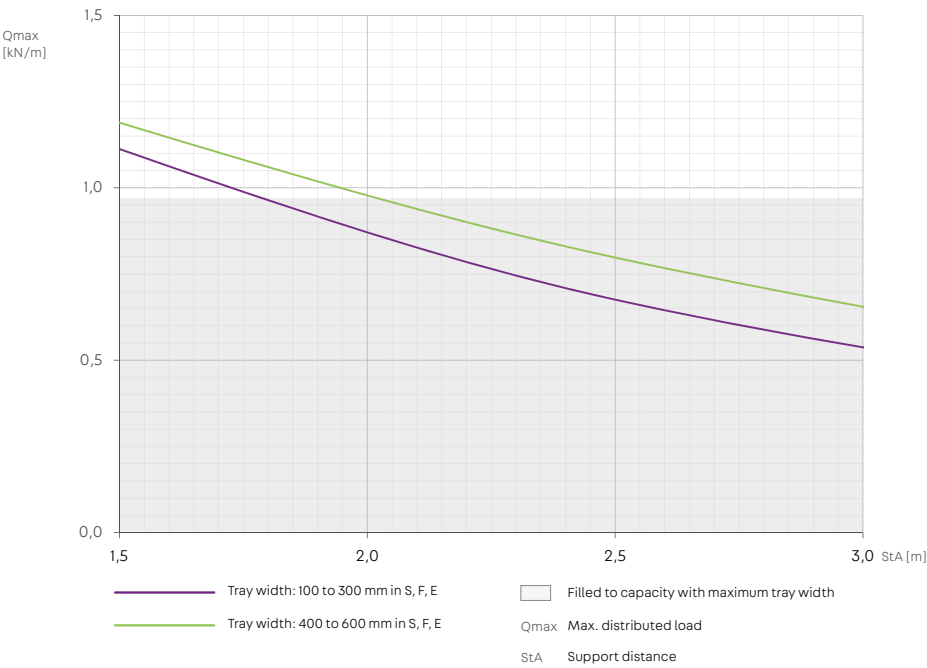
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RG 110-10S	110	100	3000	0.75	107	0.16	5.820
RG 110-20S	110	200	3000	0.75	217	0.33	7.700
RG 110-30S	110	300	3000	0.88	327	0.49	10.440
RG 110-40S	110	400	3000	1.00	437	0.66	13.900
RG 110-50S	110	500	3000	1.00	547	0.82	16.250
RG 110-60S	110	600	3000	1.00	657	0.99	18.450
Steel, hot-dip galvanised							
RG 110-10F	110	100	3000	0.75	107	0.16	6.380
RG 110-20F	110	200	3000	0.75	217	0.33	8.250
RG 110-30F	110	300	3000	0.88	327	0.49	11.220
RG 110-40F	110	400	3000	1.00	437	0.66	14.650
RG 110-50F	110	500	3000	1.00	547	0.82	17.100
RG 110-60F	110	600	3000	1.00	657	0.99	19.400
Stainless steel, acc. to AISI 304 (BS 304S31)							
RG 110-10E	110	100	3000	0.80	107	0.16	6.200
RG 110-20E	110	200	3000	0.80	217	0.33	7.680
RG 110-30E	110	300	3000	0.80	327	0.49	9.250
RG 110-40E	110	400	3000	1.00	437	0.66	13.600
RG 110-50E	110	500	3000	1.00	547	0.82	16.100
RG 110-60E	110	600	3000	1.00	657	0.99	18.570
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
RG 110-10E4	110	100	3000	0.80	107	0.16	6.181
RG 110-20E4	110	200	3000	0.80	217	0.33	7.889
RG 110-30E4	110	300	3000	0.80	327	0.49	9.688
RG 110-40E4	110	400	3000	1.00	437	0.66	14.130
RG 110-50E4	110	500	3000	1.00	547	0.82	16.557
RG 110-60E4	110	600	3000	1.00	657	0.99	18.570

optional accessories

RD	Cable tray cover	67, 241
RDR	Cable tray cover with turnbuckles	68
RB 110	Cable tray bend, height = 110 mm	41
RB45 110	Cable tray bend, height = 110 mm	44
RBV 110	Cable tray bend, variable, height = 110 mm	46
RAE 110	Cable tray attachment corner, height = 110 mm	48
RAA 110	Cable tray add-on tee, height = 110 mm	53
RA 110	Cable tray tee, height = 110 mm	56
RK 110	Cable tray crossing, height = 110 mm	59
RVB 110	Cable tray vertical bend, height = 110 mm	61
RR 110	Cable tray reducer, height = 110 mm	63
RAB 110	Cable tray end plate, height = 95 mm	85
REB	Cable tray end plate	89
RGV 110	Cable tray side connector, height = 95 mm	87
VB	Bottom plate	88, 216
RTR 110	Cable tray divider, height = 100 mm	92
RKAB	Cable tray drop-out plate	95



Load diagram RG 110



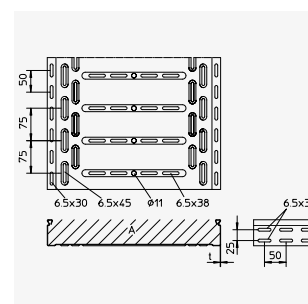
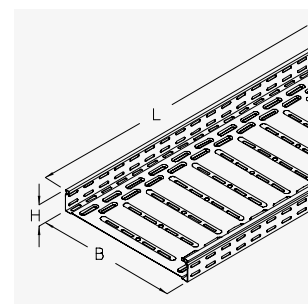
RGS 60

Cable tray, perforated, heavy, height = 60 mm

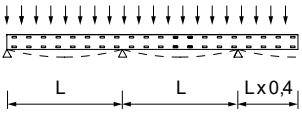
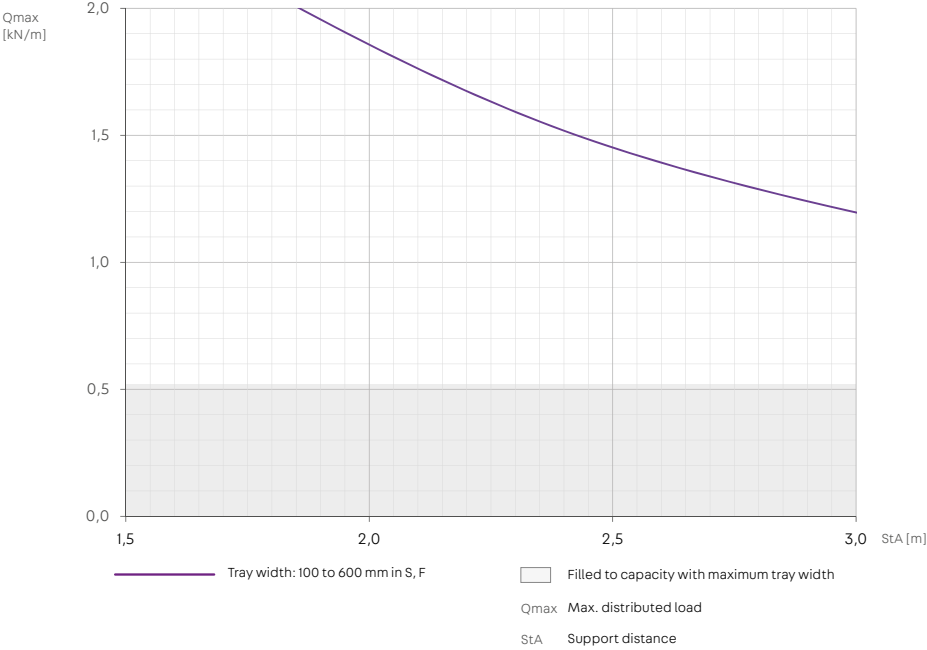
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RGS 60-10S	60	100	3000	1.50	57	0.09	8.333
RGS 60-20S	60	200	3000	1.50	117	0.17	11.332
RGS 60-30S	60	300	3000	1.50	177	0.26	14.640
RGS 60-40S	60	400	3000	1.50	237	0.34	17.948
RGS 60-50S	60	500	3000	1.50	297	0.43	21.257
RGS 60-60S	60	600	3000	1.50	357	0.52	24.565
Steel, hot-dip galvanised							
RGS 60-10F	60	100	3000	1.50	57	0.09	8.888
RGS 60-20F	60	200	3000	1.50	117	0.17	12.087
RGS 60-30F	60	300	3000	1.50	177	0.26	15.616
RGS 60-40F	60	400	3000	1.50	237	0.34	19.144
RGS 60-50F	60	500	3000	1.50	297	0.43	22.673
RGS 60-60F	60	600	3000	1.50	357	0.52	26.202
Stainless steel, acc. to AISI 304 (BS 304S31)							
RGS 60-10E	60	100	3000	1.50	57	0.09	8.386
RGS 60-20E	60	200	3000	1.50	117	0.17	11.404
RGS 60-30E	60	300	3000	1.50	177	0.26	14.733
RGS 60-40E	60	400	3000	1.50	237	0.34	18.063
RGS 60-50E	60	500	3000	1.50	297	0.43	21.392
RGS 60-60E	60	600	3000	1.50	357	0.52	24.722
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
RGS 60-10E4	60	100	3000	1.50	57	0.09	8.492
RGS 60-20E4	60	200	3000	1.50	117	0.17	11.548
RGS 60-30E4	60	300	3000	1.50	177	0.26	14.919
RGS 60-40E4	60	400	3000	1.50	237	0.34	18.292
RGS 60-50E4	60	500	3000	1.50	297	0.43	21.662
RGS 60-60E4	60	600	3000	1.50	357	0.52	25.035

optional accessories

RD	Cable tray cover	67, 241
RDR	Cable tray cover with turnbuckles	68
RDS	Cable tray cover, heavy	69
RDSR	Cable tray cover with turnbuckles, heavy	69
RB 60	Cable tray bend, height = 60 mm	39
RB45 60	Cable tray bend, height = 60 mm	42
MA 60	Middle suspending bracket, internal	408
RBV 60	Cable tray bend, variable, height = 60 mm	45
RAE 60	Cable tray attachment corner, height = 60 mm	47
RAA 60	Cable tray add-on tee, height = 60 mm	51
RA 60	Cable tray tee, height = 60 mm	54
RK 60	Cable tray crossing, height = 60 mm	57
RVB 60	Cable tray vertical bend, height = 60 mm	60
RR 60	Cable tray reducer, height = 60 mm	62
RAB 60	Cable tray end plate, height = 45 mm	84
REB	Cable tray end plate	89
RGV 60	Cable tray side connector, height = 45 mm	86
VB	Bottom plate	88, 216
RTR 60	Cable tray divider, height = 50 mm	91
RKAB	Cable tray drop-out plate	95



Load diagram RGS 60



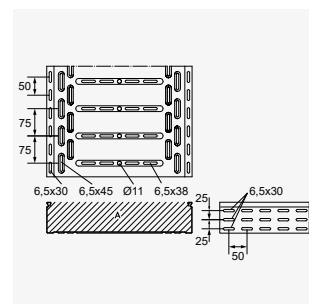
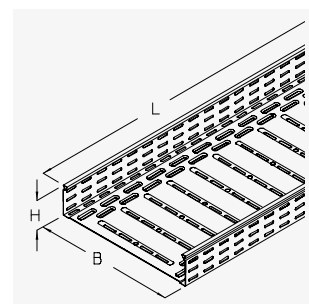
RGS 85

Cable tray, perforated, heavy, height = 85 mm

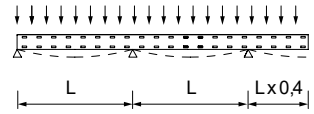
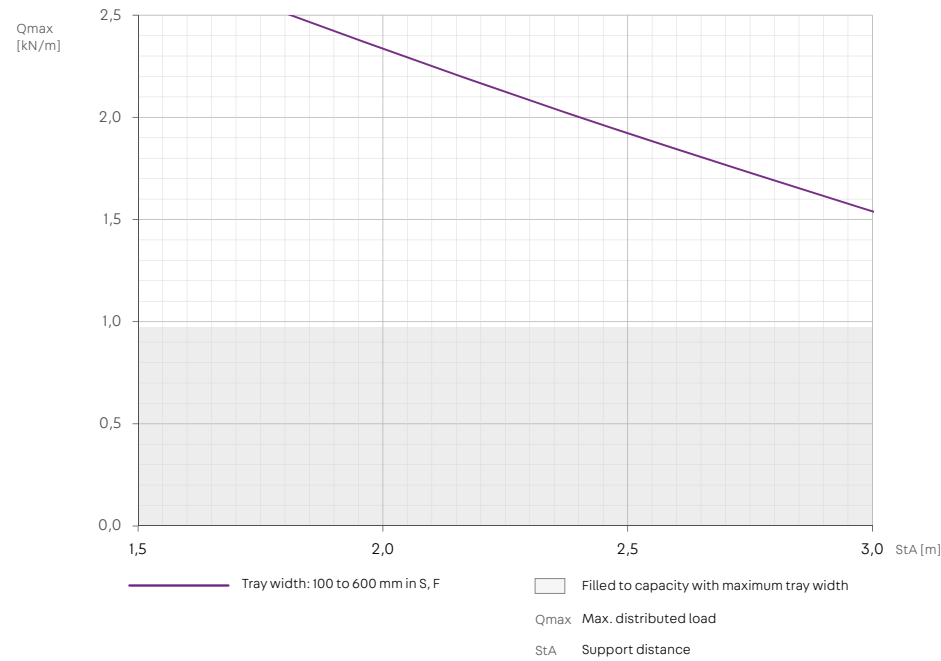
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RGS 85-10S	85	100	3000	1.50	82	0.12	9.837
RGS 85-20S	85	200	3000	1.50	167	0.25	12.835
RGS 85-30S	85	300	3000	1.50	252	0.38	16.144
RGS 85-40S	85	400	3000	1.50	337	0.51	19.452
RGS 85-50S	85	500	3000	1.50	422	0.63	22.760
RGS 85-60S	85	600	3000	1.50	507	0.76	26.069

optional accessories

RD	Cable tray cover	67,241
RDR	Cable tray cover with turnbuckles	68
RDS	Cable tray cover, heavy	69
RDSR	Cable tray cover with turnbuckles, heavy	69
RB 85	Cable tray bend, height = 85 mm	40
RB45 85	Cable tray bend, height = 85 mm	43
RBV 85	Cable tray bend, variable, height = 85 mm	46
RAE 85	Cable tray attachment corner, height = 85 mm	48
RAA 85	Cable tray add-on tee, height = 85 mm	52
RA 85	Cable tray tee, height = 85 mm	55
RK 85	Cable tray crossing, height = 85 mm	58
RVB 85	Cable tray vertical bend, height = 85 mm	60
RR 85	Cable tray reducer, height = 85 mm	62
RAB 85	Cable tray end plate, height = 70 mm	85
REB	Cable tray end plate	89
RGV 85	Cable tray side connector, height = 70 mm	86
VB	Bottom plate	88,216
RTR 85	Cable tray divider, height = 80 mm	92
RKAB	Cable tray drop-out plate	95



Load diagram RGS 110



RGL 60

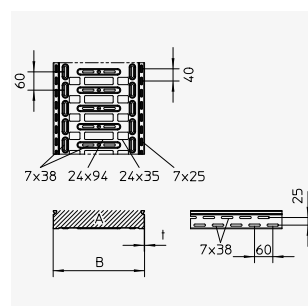
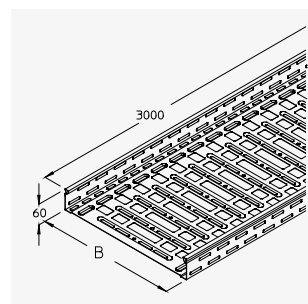
Cable tray, perforated, permeable to extinguishing water, height = 60 mm



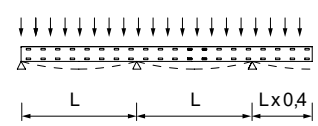
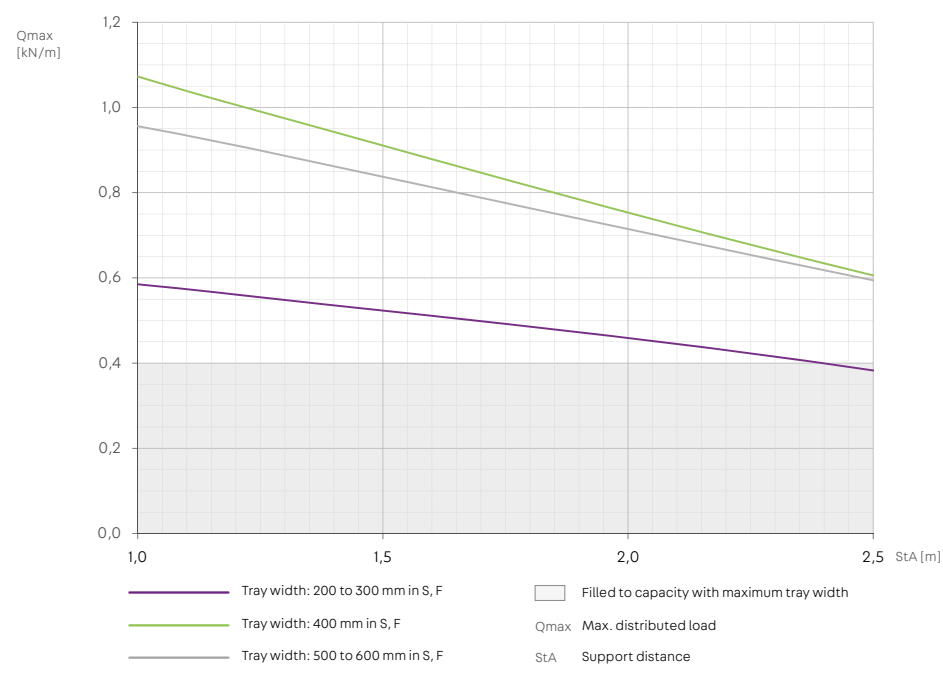
Article	H	B	L	t	A	Q _{SK}	G
	mm	mm	mm	mm	cm ²	kN/m	kg
Steel, pre-galvanised/Sendzimir process							
RGL 60-20S	60	200	3000	0.75	117	0.17	5.118
RGL 60-30S	60	300	3000	0.75	177	0.27	6.237
RGL 60-40S	60	400	3000	0.88	237	0.34	8.610
RGL 60-50S	60	500	3000	1.00	297	0.43	11.253
RGL 60-60S	60	600	3000	1.00	357	0.52	12.745
Steel, hot-dip galvanised							
RGL 60-20F	60	200	3000	0.75	117	0.17	5.738
RGL 60-30F	60	300	3000	0.75	177	0.27	6.992
RGL 60-40F	60	400	3000	0.88	237	0.34	9.499
RGL 60-50F	60	500	3000	1.00	297	0.43	12.378
RGL 60-60F	60	600	3000	1.00	357	0.52	14.019

optional accessories

RD	Cable tray cover	67,241
RDR	Cable tray cover with turnbuckles	68
RB 60	Cable tray bend, height = 60 mm	39
RB45 60	Cable tray bend, height = 60 mm	42
MA 60	Middle suspending bracket, internal	408
RBV 60	Cable tray bend, variable, height = 60 mm	45
RAE 60	Cable tray attachment corner, height = 60 mm	47
RAA 60	Cable tray add-on tee, height = 60 mm	51
RA 60	Cable tray tee, height = 60 mm	54
RK 60	Cable tray crossing, height = 60 mm	57
RVB 60	Cable tray vertical bend, height = 60 mm	60
RR 60	Cable tray reducer, height = 60 mm	62
RAB 60	Cable tray end plate, height = 45 mm	84
REB	Cable tray end plate	89
RGV 60	Cable tray side connector, height = 45 mm	86
RGVS 60	Cable tray side snap-in connector, height = 60 mm	87
VB	Bottom plate	88,216
RTR 60	Cable tray divider, height = 50 mm	91
KSR 35	Cable protection ring	97
KSR 94	Cable protection ring	98
RKAB	Cable tray drop-out plate	95



Load diagram RGL 60

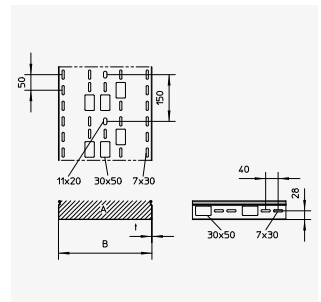
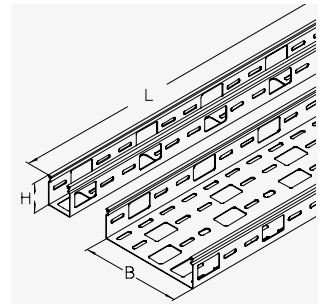


RI 60

Installation tray, perforated, height = 60 mm



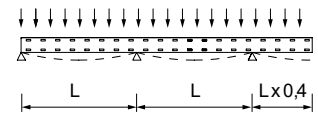
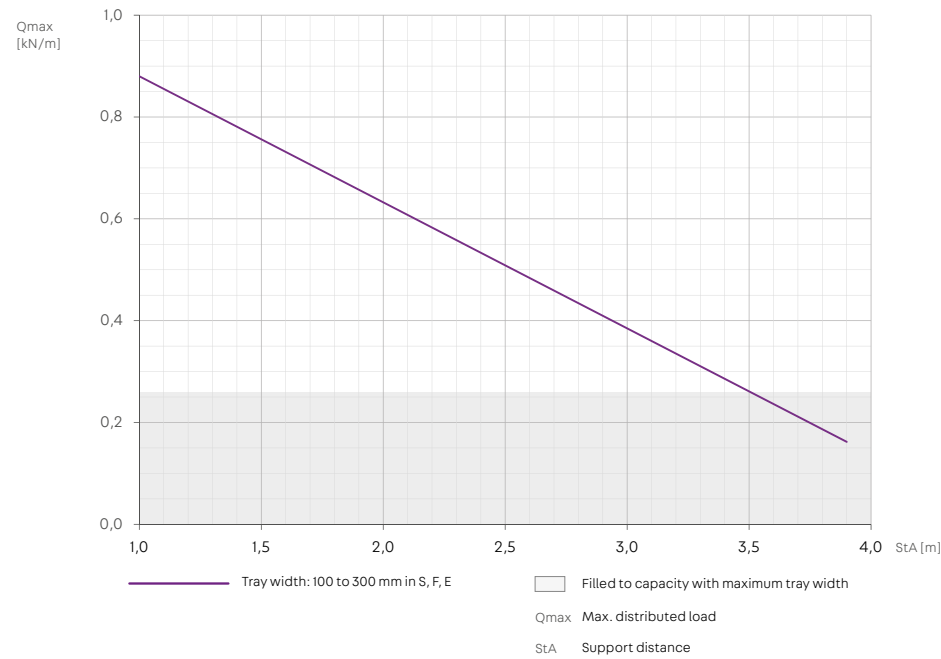
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
RI 60-05S	60	50	3000	1.00	28	0.04	3.600
RI 60-10S	60	100	3000	1.00	58	0.09	4.635
RI 60-15S	60	150	3000	1.00	118	0.13	5.600
RI 60-20S	60	200	3000	1.00	178	0.17	6.200
RI 60-30S	60	300	3000	1.00	238	0.26	8.700
Steel, hot-dip galvanised							
RI 60-05F	60	50	3000	1.00	28	0.04	3.790
RI 60-10F	60	100	3000	1.00	58	0.09	4.850
RI 60-15F	60	150	3000	1.00	118	0.13	6.150
RI 60-20F	60	200	3000	1.00	178	0.17	6.780
RI 60-30F	60	300	3000	1.00	238	0.26	9.250
Stainless steel, acc. to AISI 304 (BS 304S31)							
RI 60-05E	60	50	3000	1.00	28	0.04	3.486
RI 60-10E	60	100	3000	1.00	58	0.09	4.510
RI 60-15E	60	150	3000	1.00	118	0.13	5.780
RI 60-20E	60	200	3000	1.00	178	0.17	6.200
RI 60-30E	60	300	3000	1.00	238	0.26	8.700
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
RI 60-05E4	60	50	3000	1.00	28	0.04	3.486
RI 60-10E4	60	100	3000	1.00	58	0.09	4.510
RI 60-15E4	60	150	3000	1.00	118	0.13	5.780
RI 60-20E4	60	200	3000	1.00	178	0.17	6.200
RI 60-30E4	60	300	3000	1.00	238	0.26	8.700



optional accessories

RID	Installation cable tray cover	70
RIDR	Installation cable tray cover with turnbuckles	70
RIK 60	Installation cable tray crossing, height = 60 mm	65
RIB 60	Installation cable tray bend, height = 60 mm	63
RIA 60	Installation cable tray tee, height = 60 mm	64
RTR 60	Cable tray divider, height = 50 mm	91
RIV 60	Installation cable tray connector, height = 45 mm	87
VB	Bottom plate	88, 216
REB	Cable tray end plate	89
KSR 50	Cable protection ring	97
SRI 60	Protection cap	99
KSB	Edge protection strip	98, 329
AHB	Suspension bracket	99
RKAB	Cable tray drop-out plate	95

Load diagram RI 60



RIS 60

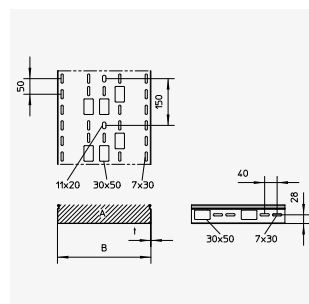
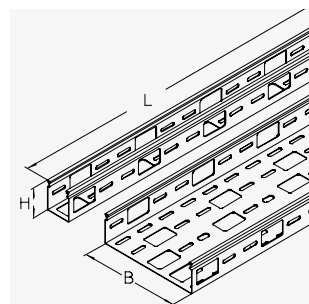
Installation tray, perforated, heavy, height = 60 mm



Article	H	B	L	t	A	Q _{SK}	G
	mm	mm	mm	mm	cm ²	kN/m	kg
Steel, pre-galvanised/Sendzimir process							
RIS 60-05S	60	50	3000	1.50	27	0.04	5.000
RIS 60-10S	60	100	3000	1.50	56	0.09	6.800
RIS 60-15S	60	150	3000	1.50	85	0.13	8.400
RIS 60-20S	60	200	3000	1.50	113	0.17	9.100
RIS 60-30S	60	300	3000	1.50	171	0.26	13.000
Steel, hot-dip galvanised							
RIS 60-05F	60	50	3000	1.50	27	0.04	5.640
RIS 60-10F	60	100	3000	1.50	56	0.09	7.227
RIS 60-15F	60	150	3000	1.50	85	0.13	9.116
RIS 60-20F	60	200	3000	1.50	113	0.17	10.056
RIS 60-30F	60	300	3000	1.50	171	0.26	13.835

optional accessories

RID	Installation cable tray cover	70
RIDR	Installation cable tray cover with turnbuckles	70
RDS	Cable tray cover, heavy	69
RDSR	Cable tray cover with turnbuckles, heavy	69
RIK 60	Installation cable tray crossing, height = 60 mm	65
RIB 60	Installation cable tray bend, height = 60 mm	63
RIA 60	Installation cable tray tee, height = 60 mm	64
RITR 60	Installation cable tray divider, height = 58 mm	93
RIV 60	Installation cable tray connector, height = 45 mm	87
VB	Bottom plate	88, 216
REB	Cable tray end plate	89
KSR 50	Cable protection ring	97
SRI 60	Protection cap	99
AHB	Suspension bracket	99
RKAB	Cable tray drop-out plate	95



Fittings

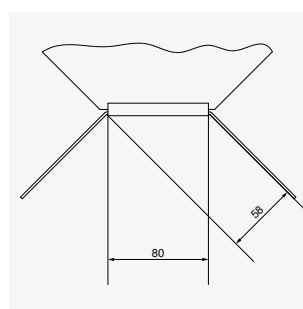
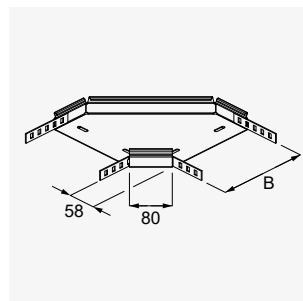
RB 35

Cable tray bend, height = 35 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RB 35-05S	35	50	90°	0.311
RB 35-10S	35	100	90°	0.478
RB 35-20S	35	200	90°	0.894
RB 35-30S	35	300	90°	1.491
Steel, hot-dip galvanised				
RB 35-05F	35	50	90°	0.335
RB 35-10F	35	100	90°	0.514
RB 35-20F	35	200	90°	0.959
RB 35-30F	35	300	90°	1.682

optional accessories

RBD	Cable tray bend cover	71
RBDR	Cable tray cover with turnbuckles	72
VB	Bottom plate	88, 216
RTRV 35	Cable tray divider, variable, height = 33 mm	93



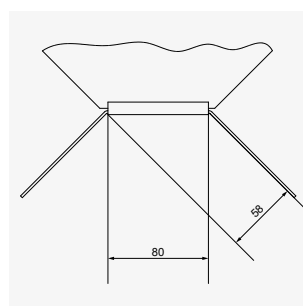
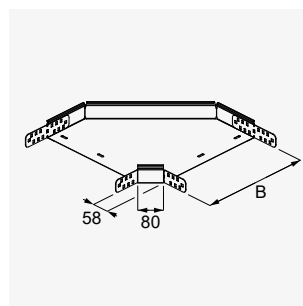
RB 60

Cable tray bend, height = 60 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RB 60-05S	60	50	90°	0.122
RB 60-10S	60	100	90°	0.760
RB 60-15S	60	150	90°	0.963
RB 60-20S	60	200	90°	1.209
RB 60-30S	60	300	90°	1.878
RB 60-40S	60	400	90°	2.656
RB 60-50S	60	500	90°	3.588
RB 60-60S	60	600	90°	4.692
Steel, hot-dip galvanised				
RB 60-05F	60	50	90°	0.597
RB 60-10F	60	100	90°	0.815
RB 60-20F	60	200	90°	1.296
RB 60-30F	60	300	90°	2.012
RB 60-40F	60	400	90°	2.844
RB 60-50F	60	500	90°	3.841
RB 60-60F	60	600	90°	5.022

optional accessories

RBD	Cable tray bend cover	71
RBDR	Cable tray cover with turnbuckles	72
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



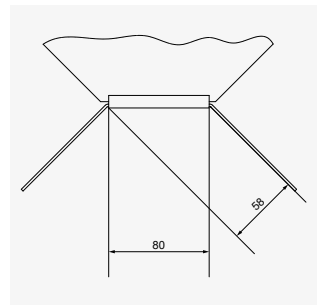
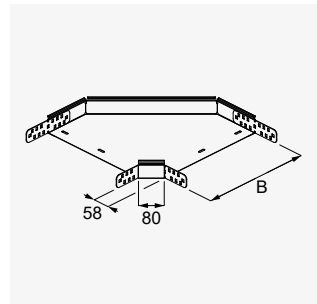
RB 60

Cable tray bend, height = 60 mm

Article	H mm	B mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
RB 60-05E	60	50	90°	0.525
RB 60-10E	60	100	90°	0.685
RB 60-20E	60	200	90°	1.137
RB 60-30E	60	300	90°	1.796
RB 60-40E	60	400	90°	2.578
RB 60-50E	60	500	90°	3.517
RB 60-60E	60	600	90°	4.648
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RB 60-10E4	60	100	90°	0.696
RB 60-20E4	60	200	90°	1.154
RB 60-30E4	60	300	90°	1.644
RB 60-40E4	60	400	90°	2.437
RB 60-50E4	60	500	90°	3.387
RB 60-60E4	60	600	90°	4.533

optional accessories

RBD	Cable tray bend cover	71
RBDR	Cable tray cover with turnbuckles	72
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



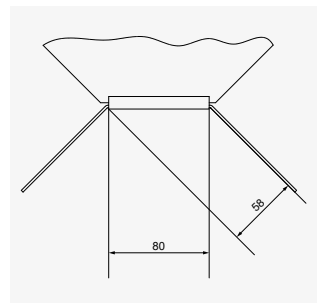
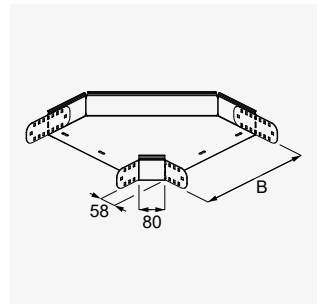
RB 85

Cable tray bend, height = 85 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RB 85-10S	85	100	90°	1.029
RB 85-20S	85	200	90°	1.511
RB 85-30S	85	300	90°	2.267
RB 85-40S	85	400	90°	3.077
RB 85-50S	85	500	90°	4.132
RB 85-60S	85	600	90°	5.179
Steel, hot-dip galvanised				
RB 85-10F	85	100	90°	1.105
RB 85-20F	85	200	90°	1.621
RB 85-30F	85	300	90°	2.430
RB 85-40F	85	400	90°	3.296
RB 85-50F	85	500	90°	4.425
RB 85-60F	85	600	90°	5.546

optional accessories

RBD	Cable tray bend cover	71
RBDR	Cable tray cover with turnbuckles	72
VB	Bottom plate	88, 216
RTRV 85	Cable tray divider, variable, height = 80 mm	94



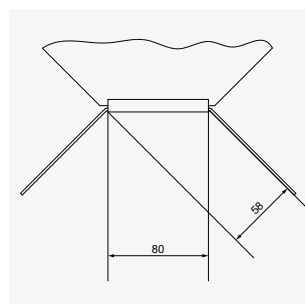
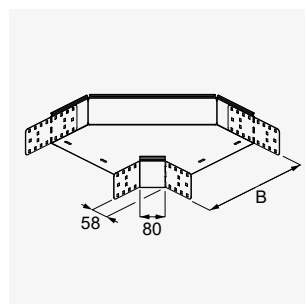
RB 110

Cable tray bend, height = 110 mm

Article	H mm	B mm	W °	G kg
Steel, pre-galvanised/Sendzimir process				
RB 110-10S	110	100	90°	1.439
RB 110-20S	110	200	90°	1.953
RB 110-30S	110	300	90°	2.833
RB 110-40S	110	400	90°	3.677
RB 110-50S	110	500	90°	4.674
RB 110-60S	110	600	90°	5.843
Steel, hot-dip galvanised				
RB 110-10F	110	100	90°	1.544
RB 110-20F	110	200	90°	2.094
RB 110-30F	110	300	90°	3.035
RB 110-40F	110	400	90°	3.938
RB 110-50F	110	500	90°	5.005
RB 110-60F	110	600	90°	6.256
Stainless steel, acc. to AISI 304 (BS 304S31)				
RB 110-10E	110	100	90°	1.234
RB 110-20E	110	200	90°	1.751
RB 110-30E	110	300	90°	2.586
RB 110-40E	110	400	90°	3.434
RB 110-50E	110	500	90°	4.438
RB 110-60E	110	600	90°	5.635
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RB 110-10E4	110	100	90°	1.252
RB 110-20E4	110	200	90°	1.776
RB 110-30E4	110	300	90°	2.621
RB 110-40E4	110	400	90°	3.481
RB 110-50E4	110	500	90°	4.496
RB 110-60E4	110	600	90°	5.710

optional accessories

RBD	Cable tray bend cover	71
RBDR	Cable tray cover with turnbuckles	72
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95



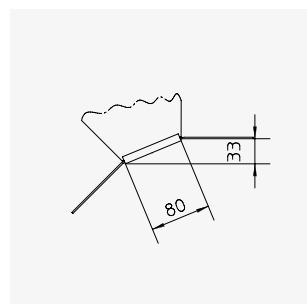
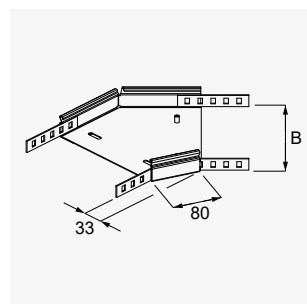
RB45 35

Cable tray bend, height = 35 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RB45 35-10S	35	100	45°	0.423
RB45 35-20S	35	200	45°	0.677
RB45 35-30S	35	300	45°	1.033
Steel, hot-dip galvanised				
RB45 35-10F	35	100	45°	0.455
RB45 35-20F	35	100	45°	0.726
RB45 35-30F	35	300	45°	1.107

optional accessories

RBD45	Cable tray bend cover	72
RBDR45	Cable tray cover with turnbuckles	73
VB	Bottom plate	88, 216
RTRV 35	Cable tray divider, variable, height = 33 mm	93



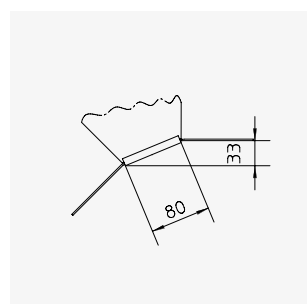
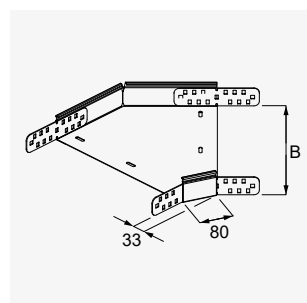
RB45 60

Cable tray bend, height = 60 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RB45 60-10S	60	100	45°	0.692
RB45 60-15S	60	150	45°	0.815
RB45 60-20S	60	200	45°	0.961
RB45 60-30S	60	300	45°	1.374
RB45 60-40S	60	400	45°	1.809
RB45 60-50S	60	500	45°	2.324
RB45 60-60S	60	600	45°	2.924
Steel, hot-dip galvanised				
RB45 60-10F	60	100	45°	0.742
RB45 60-20F	60	200	45°	1.030
RB45 60-30F	60	300	45°	1.472
RB45 60-40F	60	400	45°	1.938
RB45 60-50F	60	500	45°	2.489
RB45 60-60F	60	600	45°	3.131

optional accessories

RBD45	Cable tray bend cover	72
RBDR45	Cable tray cover with turnbuckles	73
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



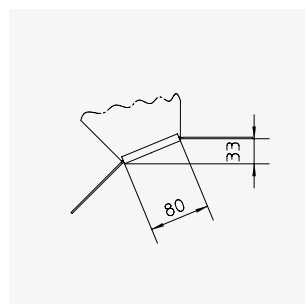
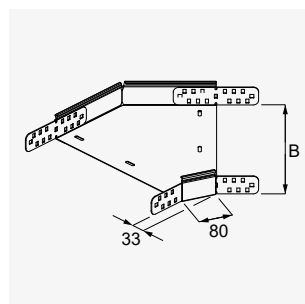
RB45 60

Cable tray bend, height = 60 mm

Article	H mm	B mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
RB45 60-10E	60	100	45°	0.614
RB45 60-20E	60	200	45°	0.884
RB45 60-30E	60	300	45°	1.286
RB45 60-40E	60	400	45°	1.724
RB45 60-50E	60	500	45°	2.242
RB45 60-60E	60	600	45°	2.845
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RB45 60-10E4	60	100	45°	0.625
RB45 60-20E4	60	200	45°	0.900
RB45 60-30E4	60	300	45°	1.306
RB45 60-40E4	60	400	45°	1.750
RB45 60-50E4	60	500	45°	2.274
RB45 60-60E4	60	600	45°	2.885

optional accessories

RBD45	Cable tray bend cover	72
RBDR45	Cable tray cover with turnbuckles	73
VB	Bottom plate	88, 216
TRTV 60	Cable tray divider, variable, height = 50 mm	94



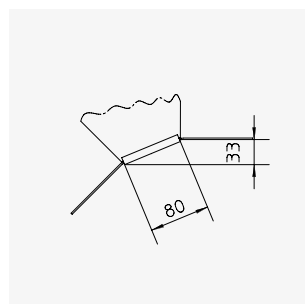
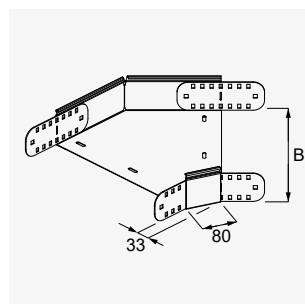
RB45 85

Cable tray bend, height = 85 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RB45 85-10S	85	100	45°	0.948
RB45 85-20S	85	200	45°	1.233
RB45 85-30S	85	300	45°	1.717
RB45 85-40S	85	400	45°	2.168
RB45 85-50S	85	500	45°	2.699
RB45 85-60S	85	600	45°	3.315
Steel, hot-dip galvanised				
RB45 85-10F	85	100	45°	1.018
RB45 85-20F	85	200	45°	1.323
RB45 85-30F	85	300	45°	1.841
RB45 85-40F	85	400	45°	2.324
RB45 85-50F	85	500	45°	2.892
RB45 85-60F	85	600	45°	3.551

optional accessories

RBD45	Cable tray bend cover	72
RBDR45	Cable tray cover with turnbuckles	73
VB	Bottom plate	88, 216
TRTV 85	Cable tray divider, variable, height = 80 mm	94



RB45 110

Cable tray bend, height = 110 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RB45 110-10S	110	100	45°	1.345
RB45 110-20S	110	200	45°	1.646
RB45 110-30S	110	300	45°	2.238
RB45 110-40S	110	400	45°	2.705
RB45 110-50S	110	500	45°	3.253
RB45 110-60S	110	600	45°	3.868
Steel, hot-dip galvanised				
RB45 110-10F	110	100	45°	1.443
RB45 110-20F	110	200	45°	1.765
RB45 110-30F	110	300	45°	2.399
RB45 110-40F	110	400	45°	2.899
RB45 110-50F	110	500	45°	3.485
RB45 110-60F	110	600	45°	4.143
Stainless steel, acc. to AISI 304 (BS 304S31)				
RB45 110-10E	110	100	45°	1.139
RB45 110-20E	110	200	45°	1.442
RB45 110-30E	110	300	45°	1.987
RB45 110-40E	110	400	45°	2.456
RB45 110-50E	110	500	45°	3.008
RB45 110-60E	110	600	45°	3.644

optional accessories

RBD45	Cable tray bend cover	72
RBDR45	Cable tray cover with turnbuckles	73
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95

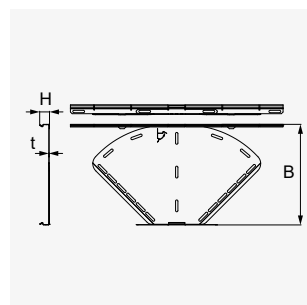
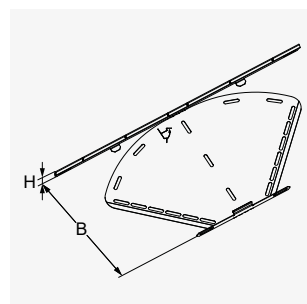
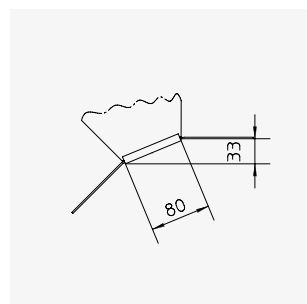
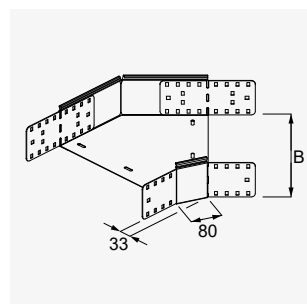
RBV 35

Cable tray bend, variable, height = 35 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RBV 35-05S	35	50	var.	0.150
RBV 35-10S	35	100	var.	0.234
RBV 35-20S	35	200	var.	0.477
RBV 35-30S	35	300	var.	1.075

optional accessories

RBVD	Cable tray bend cover, variable	73
RBVDR	Cable tray bend cover, variable with turnbuckles	74
RTRV 35	Cable tray divider, variable, height = 33 mm	93



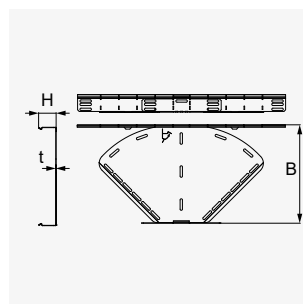
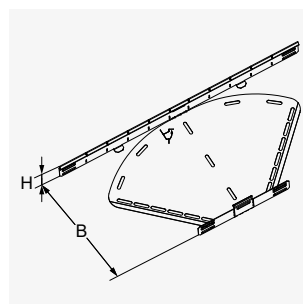
RBV 60

Cable tray bend, variable, height = 60 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RBV 60-05S	60	50	var.	0.242
RBV 60-10S	60	100	var.	0.335
RBV 60-20S	60	200	var.	0.605
RBV 60-30S	60	300	var.	1.263
RBV 60-40S	60	400	var.	1.862
RBV 60-50S	60	500	var.	3.196
RBV 60-60S	60	600	var.	4.285
Stainless steel, acc. to AISI 304 (BS 304S31)				
RBV 60-05E	60	50	var.	0.264
RBV 60-10E	60	100	var.	0.364
RBV 60-20E	60	200	var.	0.653
RBV 60-30E	60	300	var.	1.281
RBV 60-40E	60	400	var.	1.883
RBV 60-50E	60	500	var.	3.227
RBV 60-60E	60	600	var.	4.323
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RBV 60-05E4	60	50	var.	0.274
RBV 60-10E4	60	100	var.	0.376
RBV 60-20E4	60	200	var.	0.669
RBV 60-30E4	60	300	var.	1.306
RBV 60-40E4	60	400	var.	1.916
RBV 60-50E4	60	500	var.	3.279
RBV 60-60E4	60	600	var.	4.389

optional accessories

RBVD	Cable tray bend cover, variable	73
RBVDR	Cable tray bend cover, variable with turnbuckles	74
RTRV 60	Cable tray divider, variable, height = 50 mm	94
RI 60	Installation tray, perforated, height = 60 mm	36
RIS 60	Installation tray, perforated, heavy, height = 60 mm	38



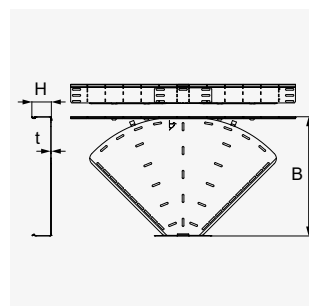
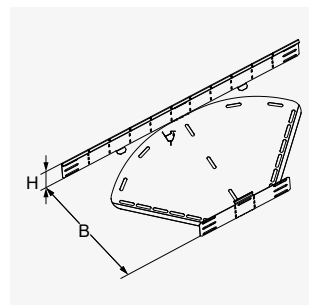
RBV 85

Cable tray bend, variable, height = 85 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RBV 85-10S	85	100	var.	0.437
RBV 85-20S	85	200	var.	0.732
RBV 85-30S	85	300	var.	1.450
RBV 85-40S	85	400	var.	2.080
RBV 85-50S	85	500	var.	3.503
RBV 85-60S	85	600	var.	4.663

optional accessories

RBVD	Cable tray bend cover, variable	73
RBVDR	Cable tray bend cover, variable with turnbuckles	74
RTRV 85	Cable tray divider, variable, height = 80 mm	94



RBV 110

Cable tray bend, variable, height = 110 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RBV 110-10S	110	100	var.	0.539
RBV 110-20S	110	200	var.	0.861
RBV 110-30S	110	300	var.	1.639
RBV 110-40S	110	400	var.	2.300
RBV 110-50S	110	500	var.	3.808
RBV 110-60S	110	600	var.	5.029

Stainless steel, acc. to AISI 304 (BS 304S31)

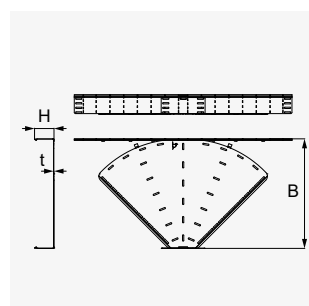
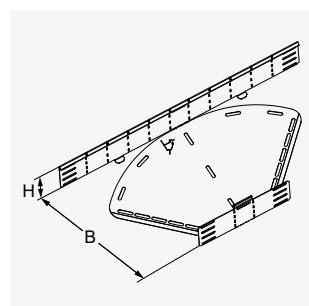
RBV 110-10E	110	100	var.	0.586
RBV 110-20E	110	200	var.	0.932
RBV 110-30E	110	300	var.	1.667
RBV 110-40E	110	400	var.	2.332
RBV 110-50E	110	500	var.	3.851
RBV 110-60E	110	600	var.	5.080

Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)

RBV 110-10E4	110	100	var.	0.608
RBV 110-20E4	110	200	var.	0.958
RBV 110-30E4	110	300	var.	1.704
RBV 110-40E4	110	400	var.	2.378
RBV 110-50E4	110	500	var.	3.918
RBV 110-60E4	110	600	var.	5.163

optional accessories

RBVD	Cable tray bend cover, variable	73
RBVDR	Cable tray bend cover, variable with turnbuckles	74
RTRV 110	Cable tray divider, variable, height = 100 mm	95



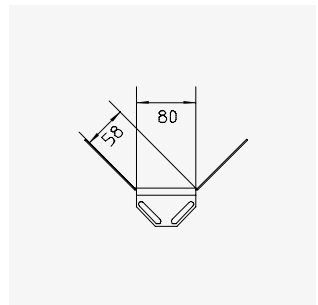
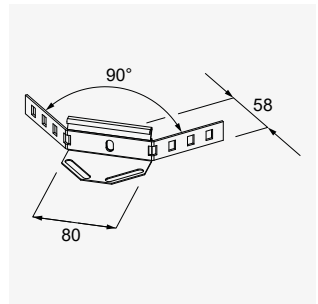
RAE 35

Cable tray attachment corner, height = 35 mm

Article	H mm	G kg
Steel, pre-galvanised/Sendzimir process		
RAE 35S	35	0.145
Steel, hot-dip galvanised		
RAE 35F	35	0.157

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 35	Cable tray divider, variable, height = 33 mm	93



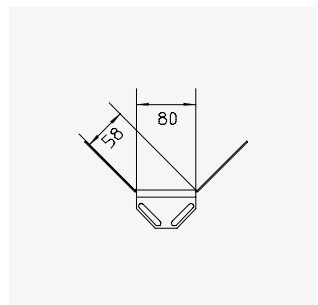
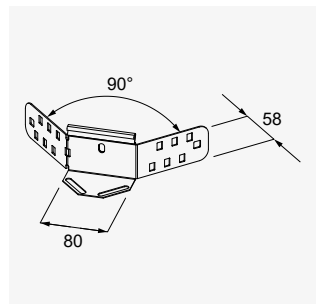
RAE 60

Cable tray attachment corner, height = 60 mm

Article	H mm	G kg
Steel, pre-galvanised/Sendzimir process		
RAE 60S	60	0.281
Steel, hot-dip galvanised		
RAE 60F	60	0.304
Stainless steel, acc. to AISI 304 (BS 304S31)		
RAE 60E	60	0.249

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



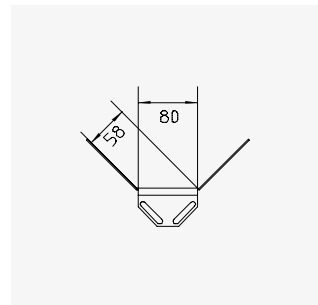
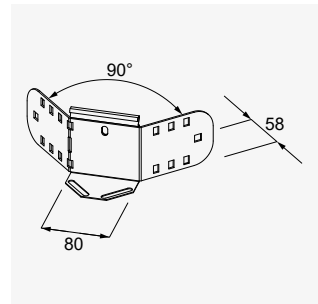
RAE 85

Cable tray attachment corner, height = 85 mm

Article	H mm	G kg
Steel, pre-galvanised/Sendzimir process		
RAE 85S	85	0.397
Steel, hot-dip galvanised		
RAE 85F	85	0.428

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 85	Cable tray divider, variable, height = 80 mm	94



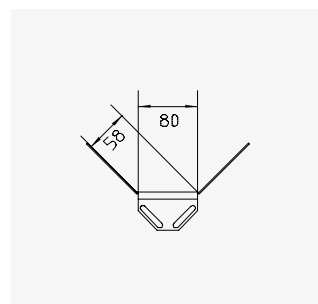
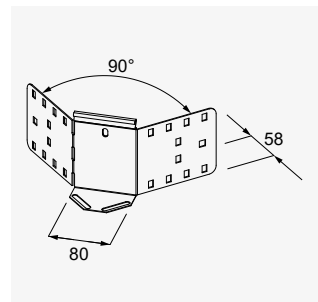
RAE 110

Cable tray attachment corner, height = 110 mm

Article	H mm	G kg
Steel, pre-galvanised/Sendzimir process		
RAE 110S	110	0.583
Steel, hot-dip galvanised		
RAE 110F	110	0.627
Stainless steel, acc. to AISI 304 (BS 304S31)		
RAE 110E	110	0.478

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95



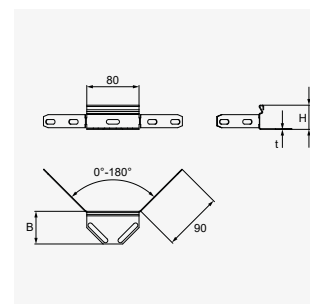
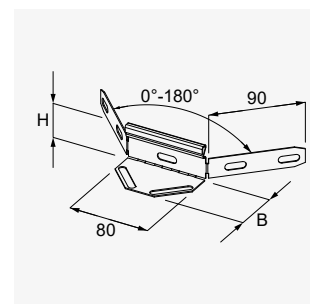
RAEV 35

Cable tray attachment corner, variable, height = 35 mm

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
RAEV 35S	35	50	265	1.00	0.101

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



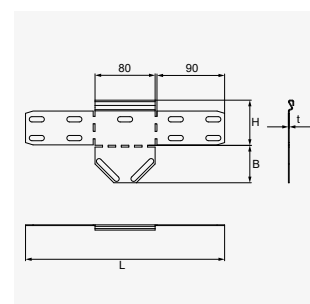
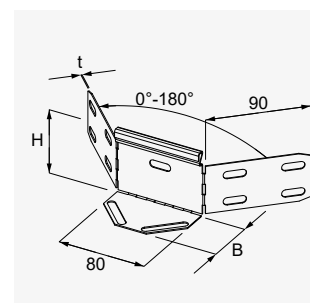
RAEV 60

Cable tray attachment corner, variable, height = 60 mm

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
RAEV 60S	60	50	265	1.00	0.162
Stainless steel, acc. to AISI 304 (BS 304S31)					
RAEV 60E	60	50	265	1.00	0.169
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
RAEV 60E4	60	50	265	1.00	0.177

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



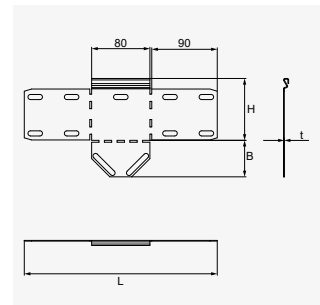
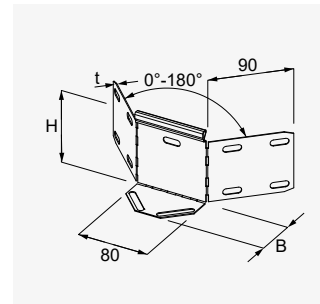
RAEV 85

Cable tray attachment corner, variable, height = 85 mm

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
RAEV 85S	85	50	265	1.00	0.214

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



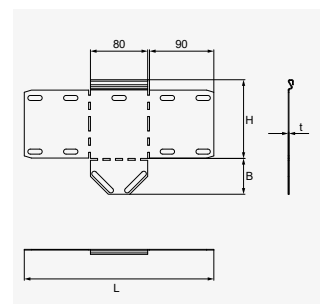
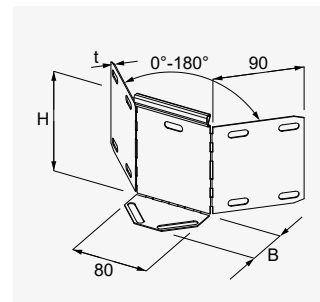
RAEV 110

Cable tray attachment corner, variable, height = 110 mm

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
RAEV 110S	110	50	265	1.00	0.265
Stainless steel, acc. to AISI 304 (BS 304S31)					
RAEV 110E	110	50	265	1.00	0.273
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
RAEV 110E4	110	50	265	1.00	0.282

optional accessories

RAED	Cable tray attachment corner cover	74
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



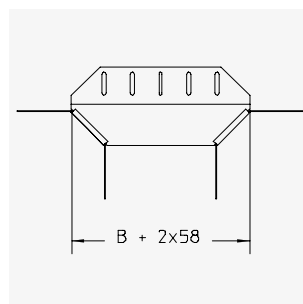
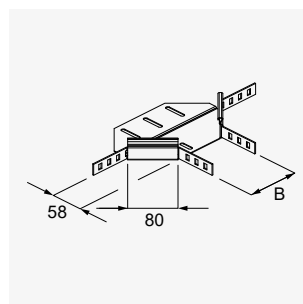
RAA 35

Cable tray add-on tee, height = 35 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAA 35-10S	35	100	0.478
RAA 35-20S	35	200	0.606
RAA 35-30S	35	300	0.738
Steel, hot-dip galvanised			
RAA 35-10F	35	100	0.514
RAA 35-20F	35	200	0.650
RAA 35-30F	35	300	0.792

optional accessories

RAAD	Cable tray add-on tee cover	75
RAADR	Cable tray add-on tee cover with turnbuckles	76
VB	Bottom plate	88, 216
RTRV 35	Cable tray divider, variable, height = 33 mm	93



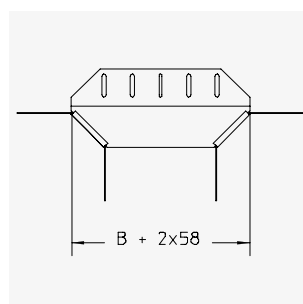
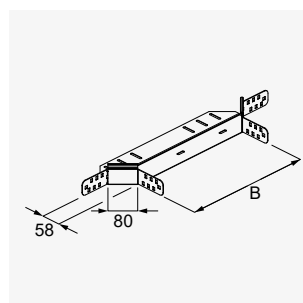
RAA 60

Cable tray add-on tee, height = 60 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAA 60-10S	60	100	0.724
RAA 60-20S	60	200	0.852
RAA 60-30S	60	300	0.984
RAA 60-40S	60	400	1.120
RAA 60-50S	60	500	1.246
RAA 60-60S	60	600	1.382
Steel, hot-dip galvanised			
RAA 60-10F	60	100	0.777
RAA 60-20F	60	200	0.914
RAA 60-30F	60	300	1.055
RAA 60-40F	60	400	1.200
RAA 60-50F	60	500	1.335
RAA 60-60F	60	600	1.481
Stainless steel, acc. to AISI 304 (BS 304S31)			
RAA 60-10E	60	100	0.651
RAA 60-20E	60	200	0.780
RAA 60-30E	60	300	0.913
RAA 60-40E	60	400	1.050
RAA 60-50E	60	500	1.177
RAA 60-60E	60	600	1.314

optional accessories

RAAD	Cable tray add-on tee cover	75
RAADR	Cable tray add-on tee cover with turnbuckles	76
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



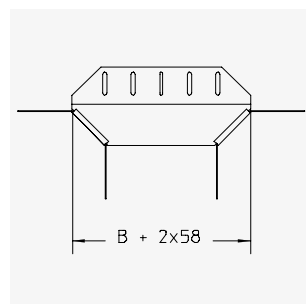
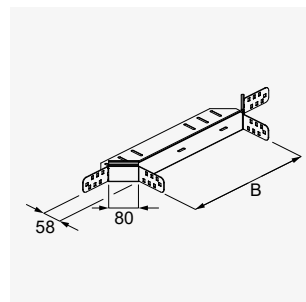
RAA 60

Cable tray add-on tee, height = 60 mm

Article	H mm	B mm	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RAA 60-10E4	60	100	0.660
RAA 60-20E4	60	200	0.791
RAA 60-30E4	60	300	0.925
RAA 60-40E4	60	400	1.064
RAA 60-50E4	60	500	1.192
RAA 60-60E4	60	600	1.331

optional accessories

RAAD	Cable tray add-on tee cover	75
RAADR	Cable tray add-on tee cover with turnbuckles	76
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



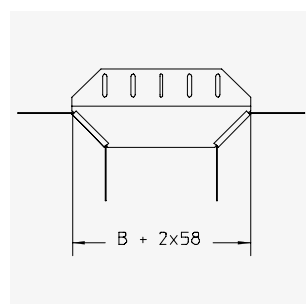
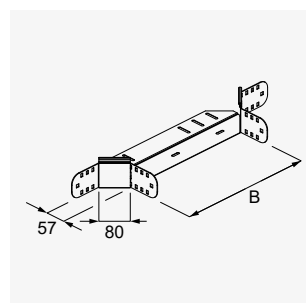
RAA 85

Cable tray add-on tee, height = 85 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAA 85-10S	85	100	0.980
RAA 85-20S	85	200	1.108
RAA 85-30S	85	300	1.240
RAA 85-40S	85	400	1.376
RAA 85-50S	85	500	1.502
RAA 85-60S	85	600	1.638
Steel, hot-dip galvanised			
RAA 85-10F	85	100	1.053
RAA 85-20F	85	200	1.190
RAA 85-30F	85	300	1.331
RAA 85-40F	85	400	1.476
RAA 85-50F	85	500	1.621
RAA 85-60F	85	600	1.757

optional accessories

RAAD	Cable tray add-on tee cover	75
RAADR	Cable tray add-on tee cover with turnbuckles	76
VB	Bottom plate	88, 216
RTRV 85	Cable tray divider, variable, height = 80 mm	94



RAA 110

Cable tray add-on tee, height = 110 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAA 110-10S	110	100	1.356
RAA 110-20S	110	200	1.484
RAA 110-30S	110	300	1.616
RAA 110-40S	110	400	1.752
RAA 110-50S	110	500	1.878
RAA 110-60S	110	600	2.014
Steel, hot-dip galvanised			
RAA 110-10F	110	100	1.455
RAA 110-20F	110	200	1.592
RAA 110-30F	110	300	1.733
RAA 110-40F	110	400	1.879
RAA 110-50F	110	500	2.014
RAA 110-60F	110	600	2.159
Stainless steel, acc. to AISI 304 (BS 304S31)			
RAA 110-10E	110	100	1.143
RAA 110-20E	110	200	1.272
RAA 110-30E	110	300	1.405
RAA 110-40E	110	400	1.542
RAA 110-50E	110	500	1.669
RAA 110-60E	110	600	1.806

optional accessories

RAAD	Cable tray add-on tee cover	75
RAADR	Cable tray add-on tee cover with turnbuckles	76
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95

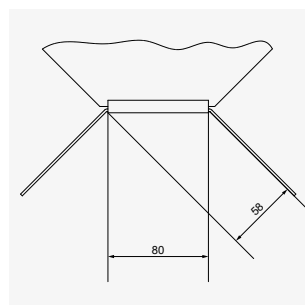
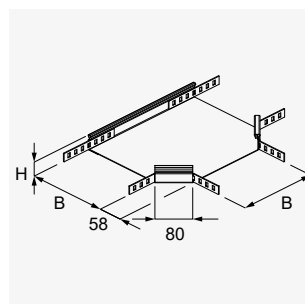
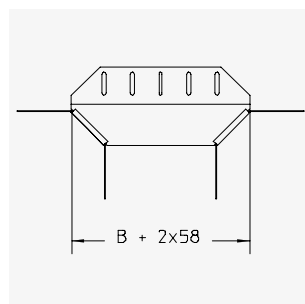
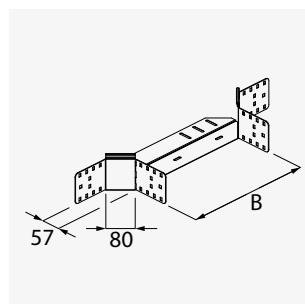
RA 35

Cable tray tee, height = 35 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RA 35-05S	35	50	0.602
RA 35-10S	35	100	0.767
RA 35-20S	35	200	1.287
RA 35-30S	35	300	2.003
Steel, hot-dip galvanised			
RA 35-10F	35	100	0.824
RA 35-20F	35	200	1.380
RA 35-30F	35	300	2.146

optional accessories

RAD	Cable tray tee cover	76
RADR	Cable tray tee cover with turnbuckles	77
VB	Bottom plate	88, 216
RTRV 35	Cable tray divider, variable, height = 33 mm	93



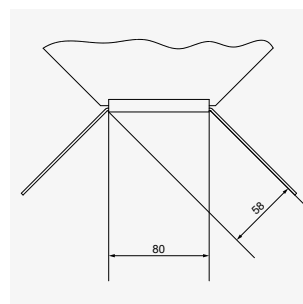
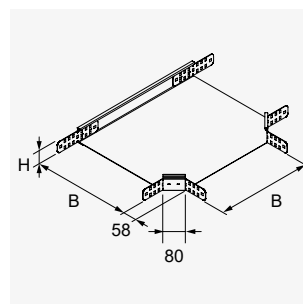
RA 60

Cable tray tee, height = 60 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RA 60-10S	60	100	1.207
RA 60-15S	60	150	1.452
RA 60-20S	60	200	1.747
RA 60-30S	60	300	2.483
RA 60-40S	60	400	3.415
RA 60-50S	60	500	4.544
RA 60-60S	60	600	5.868
Steel, hot-dip galvanised			
RA 60-10F	60	100	1.295
RA 60-20F	60	200	1.872
RA 60-30F	60	300	2.660
RA 60-40F	60	400	3.657
RA 60-50F	60	500	4.865
RA 60-60F	60	600	6.282
Stainless steel, acc. to AISI 304 (BS 304S31)			
RA 60-10E	60	100	1.082
RA 60-20E	60	200	1.625
RA 60-30E	60	300	2.366
RA 60-40E	60	400	3.304
RA 60-50E	60	500	4.440
RA 60-60E	60	600	5.773
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RA 60-10E4	60	100	1.098
RA 60-20E4	60	200	1.648
RA 60-30E4	60	300	2.378
RA 60-40E4	60	400	3.348
RA 60-50E4	60	500	4.498
RA 60-60E4	60	600	5.848

optional accessories

RAD	Cable tray tee cover	76
RADR	Cable tray tee cover with turnbuckles	77
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



RA 85

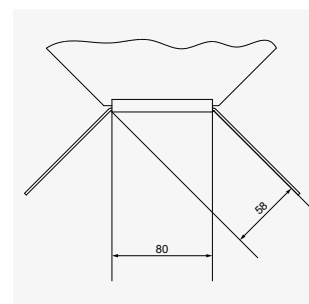
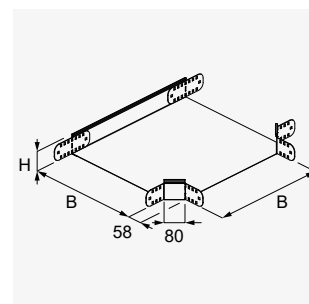
Cable tray tee, height = 85 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RA 85-10S	85	100	1.653
RA 85-20S	85	200	2.213
RA 85-30S	85	300	2.968
RA 85-40S	85	400	3.920
RA 85-50S	85	500	5.068
RA 85-60S	85	600	6.412

Steel, hot-dip galvanised			
RA 85-10F	85	100	1.793
RA 85-20F	85	200	2.374
RA 85-30F	85	300	3.182
RA 85-40F	85	400	4.201
RA 85-50F	85	500	5.429
RA 85-60F	85	600	6.867

optional accessories

RAD	Cable tray tee cover	76
RADR	Cable tray tee cover with turnbuckles	77
VB	Bottom plate	88, 216
RTRV 85	Cable tray divider, variable, height = 80 mm	94



RA 110

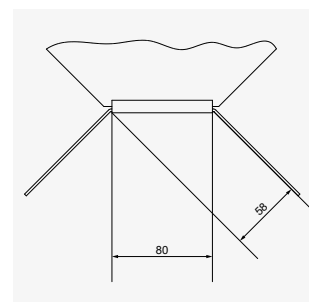
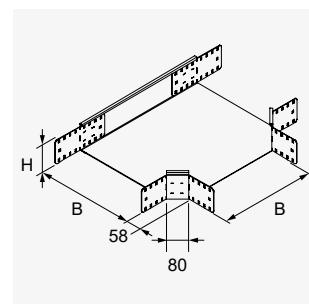
Cable tray tee, height = 110 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RA 110-10S	110	100	2.237
RA 110-20S	110	200	2.916
RA 110-30S	110	300	3.691
RA 110-40S	110	400	4.663
RA 110-50S	110	500	5.831
RA 110-60S	110	600	7.194

Steel, hot-dip galvanised			
RA 110-10F	110	100	2.400
RA 110-20F	110	200	3.126
RA 110-30F	110	300	3.955
RA 110-40F	110	400	4.996
RA 110-50F	110	500	6.245
RA 110-60F	110	600	7.704

optional accessories

RAD	Cable tray tee cover	76
RADR	Cable tray tee cover with turnbuckles	77
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95



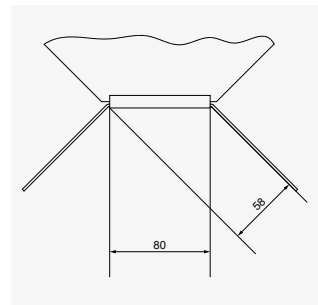
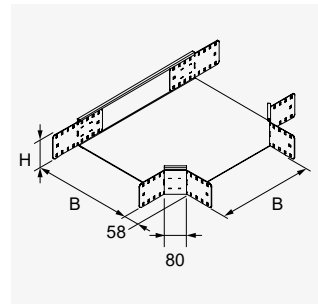
RA 110

Cable tray tee, height = 110 mm

Article	H mm	B mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
RA 110-10E	110	100	1.898
RA 110-20E	110	200	2.557
RA 110-30E	110	300	3.337
RA 110-40E	110	400	4.315
RA 110-50E	110	500	5.490
RA 110-60E	110	600	6.863

optional accessories

RAD	Cable tray tee cover	76
RADR	Cable tray tee cover with turnbuckles	77
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95



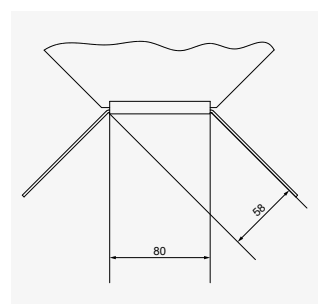
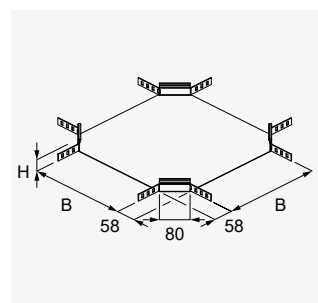
RK 35

Cable tray crossing, height = 35 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RK 35-10S	35	100	0.891
RK 35-20S	35	200	1.410
RK 35-30S	35	300	2.124
Steel, hot-dip galvanised			
RK 35-10F	35	100	0.957
RK 35-20F	35	200	1.513
RK 35-30F	35	300	2.277

optional accessories

RKD	Cable tray crossing cover	78
RKDR	Cable tray crossing cover with turnbuckles	78
VB	Bottom plate	88, 216
RTRV 35	Cable tray divider, variable, height = 33 mm	93



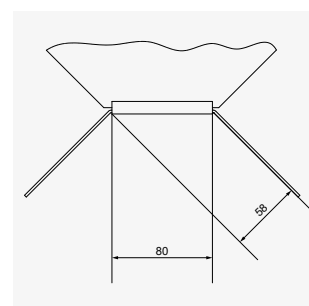
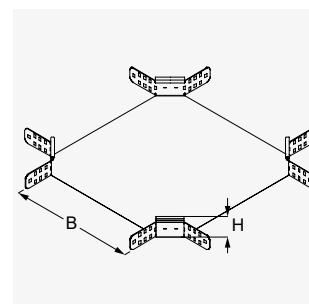
RK 60

Cable tray crossing, height = 60 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RK 60-10S	60	100	1.383
RK 60-20S	60	200	1.902
RK 60-30S	60	300	2.616
RK 60-40S	60	400	3.527
RK 60-50S	60	500	4.633
RK 60-60S	60	600	5.936
Steel, hot-dip galvanised			
RK 60-10F	60	100	1.484
RK 60-20F	60	200	2.039
RK 60-30F	60	300	2.803
RK 60-40F	60	400	3.778
RK 60-50F	60	500	4.961
RK 60-60F	60	600	6.356
Stainless steel, acc. to AISI 304 (BS 304S31)			
RK 60-10E	60	100	1.238
RK 60-20E	60	200	1.759
RK 60-30E	60	300	2.478
RK 60-40E	60	400	3.379
RK 60-50E	60	500	4.485
RK 60-60E	60	600	5.788
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RK 60-10E4	60	100	1.251
RK 60-20E4	60	200	1.779
RK 60-30E4	60	300	2.507
RK 60-40E4	60	400	3.435
RK 60-50E4	60	500	4.563
RK 60-60E4	60	600	5.891

optional accessories

RKD	Cable tray crossing cover	78
RKDR	Cable tray crossing cover with turnbuckles	78
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



RK 85

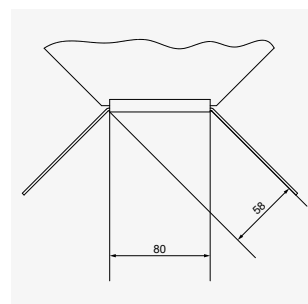
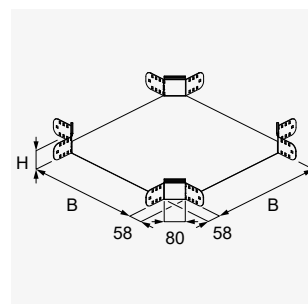
Cable tray crossing, height = 85 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RK 85-10S	85	100	1.895
RK 85-20S	85	200	2.414
RK 85-30S	85	300	3.128
RK 85-40S	85	400	4.039
RK 85-50S	85	500	5.145
RK 85-60S	85	600	6.448

Steel, hot-dip galvanised			
RK 85-10F	85	100	2.036
RK 85-20F	85	200	2.591
RK 85-30F	85	300	3.355
RK 85-40F	85	400	4.330
RK 85-50F	85	500	5.513
RK 85-60F	85	600	6.908

optional accessories

RKD	Cable tray crossing cover	78
RKDR	Cable tray crossing cover with turnbuckles	78
VB	Bottom plate	88, 216
RTRV 85	Cable tray divider, variable, height = 80 mm	94



RK 110

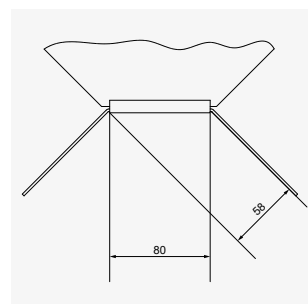
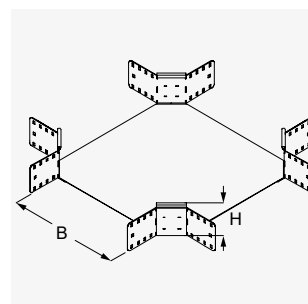
Cable tray crossing, height = 110 mm

Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RK 110-10S	110	100	2.647
RK 110-20S	110	200	3.166
RK 110-30S	110	300	3.880
RK 110-40S	110	400	4.791
RK 110-50S	110	500	5.897
RK 110-60S	110	600	7.200

Steel, hot-dip galvanised			
RK 110-10F	110	100	2.840
RK 110-20F	110	200	3.396
RK 110-30F	110	300	4.160
RK 110-40F	110	400	5.135
RK 110-50F	110	500	6.318
RK 110-60F	110	600	7.712

optional accessories

RKD	Cable tray crossing cover	78
RKDR	Cable tray crossing cover with turnbuckles	78
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95



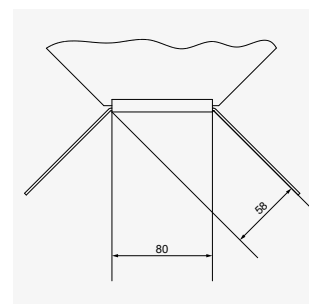
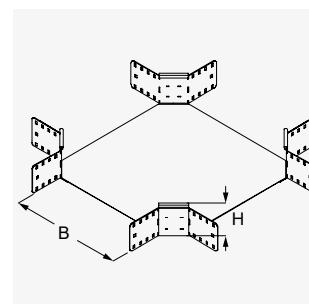
RK 110

Cable tray crossing, height = 110 mm

Article	H mm	B mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
RK 110-10E	110	100	2.218
RK 110-20E	110	200	2.739
RK 110-30E	110	300	3.458
RK 110-40E	110	400	4.359
RK 110-50E	110	500	5.465
RK 110-60E	110	600	6.768

optional accessories

RKD	Cable tray crossing cover	78
RKDR	Cable tray crossing cover with turnbuckles	78
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95



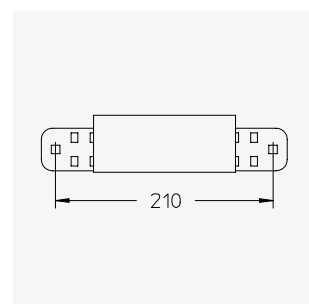
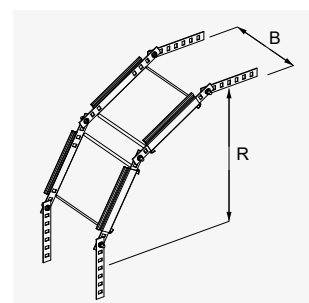
RVB 35

Cable tray vertical bend, height = 35 mm

Article	H mm	B mm	R mm	W mm	G kg
Steel, pre-galvanised/Sendzimir process					
RVB 35-10S	35	100	280	var.	1.108
RVB 35-20S	35	200	280	var.	1.458
RVB 35-30S	35	300	280	var.	1.808
Steel, hot-dip galvanised					
RVB 35-10F	35	100	280	var.	1.342
RVB 35-20F	35	200	280	var.	1.722
RVB 35-30F	35	300	280	var.	2.092

optional accessories

REB	Cable tray end plate	89
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RVB 60

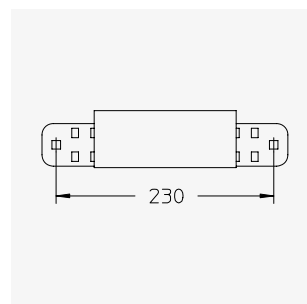
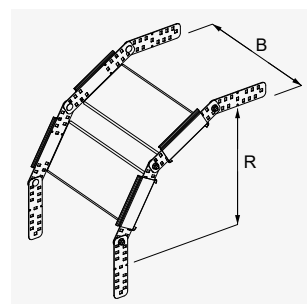
Cable tray vertical bend, height = 60 mm

Article	H mm	B mm	R mm	W	G kg
Steel, pre-galvanised/Sendzimir process					
RVB 60-05S	60	50	300	var.	1.902
RVB 60-10S	60	100	300	var.	2.076
RVB 60-20S	60	200	300	var.	2.426
RVB 60-30S	60	300	300	var.	2.776
RVB 60-40S	60	400	300	var.	3.124
RVB 60-50S	60	500	300	var.	3.474
RVB 60-60S	60	600	300	var.	3.822

Steel, hot-dip galvanised					
RVB 60-10F	60	100	300	var.	2.220
RVB 60-20F	60	200	300	var.	2.594
RVB 60-30F	60	300	300	var.	2.966
RVB 60-40F	60	400	300	var.	3.340
RVB 60-50F	60	500	300	var.	3.714
RVB 60-60F	60	600	300	var.	4.088

optional accessories

REB Cable tray end plate 89



RVB 85

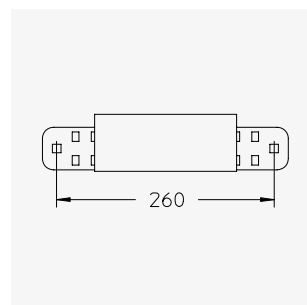
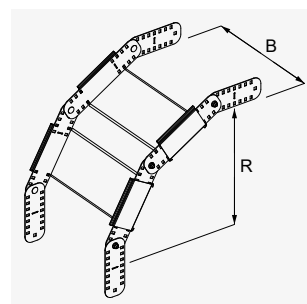
Cable tray vertical bend, height = 85 mm

Article	H mm	B mm	R mm	W	G kg
Steel, pre-galvanised/Sendzimir process					
RVB 85-10S	85	100	330	var.	3.032
RVB 85-20S	85	200	330	var.	3.382
RVB 85-30S	85	300	330	var.	3.732
RVB 85-40S	85	400	330	var.	4.080
RVB 85-50S	85	500	330	var.	4.490
RVB 85-60S	85	600	330	var.	4.778

Steel, hot-dip galvanised					
RVB 85-10F	85	100	330	var.	3.240
RVB 85-20F	85	200	330	var.	3.614
RVB 85-30F	85	300	330	var.	3.986
RVB 85-40F	85	400	330	var.	4.360
RVB 85-50F	85	500	330	var.	4.734
RVB 85-60F	85	600	330	var.	5.108

optional accessories

REB Cable tray end plate 89



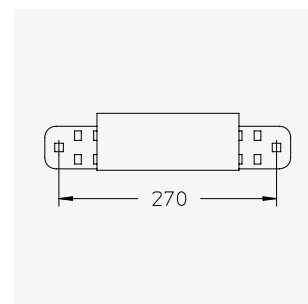
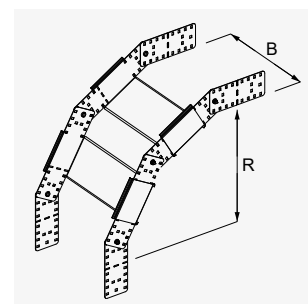
RVB 110

Cable tray vertical bend, height = 110 mm

Article	H mm	B mm	R mm	W	G kg
Steel, pre-galvanised/Sendzimir process					
RVB 110-10S	110	100	375	var.	4.388
RVB 110-20S	110	200	375	var.	4.738
RVB 110-30S	110	300	375	var.	5.088
RVB 110-40S	110	400	375	var.	5.436
RVB 110-50S	110	500	375	var.	5.786
RVB 110-60S	110	600	375	var.	6.134
Steel, hot-dip galvanised					
RVB 110-10F	110	100	375	var.	4.692
RVB 110-20F	110	200	375	var.	5.066
RVB 110-30F	110	300	375	var.	5.438
RVB 110-40F	110	400	375	var.	5.812
RVB 110-50F	110	500	375	var.	6.186
RVB 110-60F	110	600	375	var.	6.560

optional accessories

REB	Cable tray end plate	89
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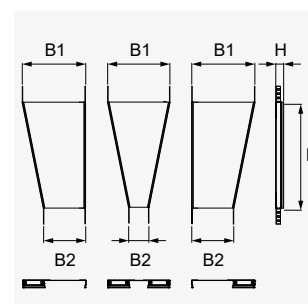
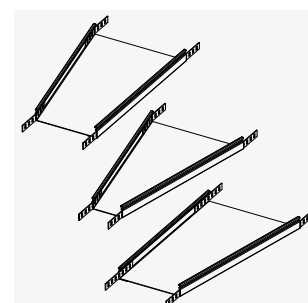
RR 35

Cable tray reducer, height = 35 mm

Article	H mm	B1 mm	B2 mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process					
RR 35-20S	35	200	100	500	1.248
RR 35-30S	35	300	200	500	1.638
Steel, hot-dip galvanised					
RR 35-20F	35	200	100	500	1.372
RR 35-30F	35	300	200	500	1.802

optional accessories

RRD	Cable tray reducer cover	79
RRDR	Cable tray reducer cover with turnbuckles	79
VB	Bottom plate	88, 216
RTRV 35	Cable tray divider, variable, height = 33 mm	93



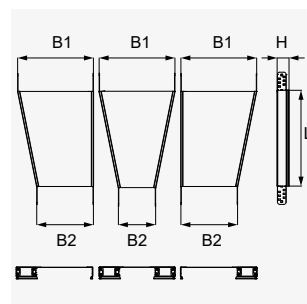
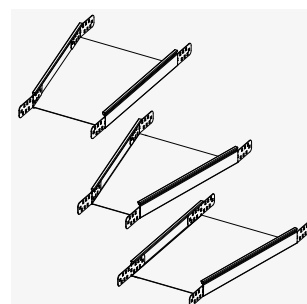
RR 60

Cable tray reducer, height = 60 mm

Article	H mm	B1 mm	B2 mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process					
RR 60-20S	60	200	100	500	1.438
RR 60-30S	60	300	200	500	1.838
RR 60-40S	60	400	300	500	2.228
RR 60-50S	60	500	400	500	2.628
RR 60-60S	60	600	500	500	3.018
Steel, hot-dip galvanised					
RR 60-20F	60	200	100	500	1.582
RR 60-30F	60	300	200	500	2.022
RR 60-40F	60	400	300	500	2.452
RR 60-50F	60	500	400	500	2.892
RR 60-60F	60	600	500	500	3.322
Stainless steel, acc. to AISI 304 (BS 304S31)					
RR 60-20E	60	200	100	500	1.442
RR 60-30E	60	300	200	500	1.842
RR 60-40E	60	400	300	500	2.232
RR 60-50E	60	500	400	500	2.632
RR 60-60E	60	600	500	500	3.022

optional accessories

RRD	Cable tray reducer cover	79
RRDR	Cable tray reducer cover with turnbuckles	79
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



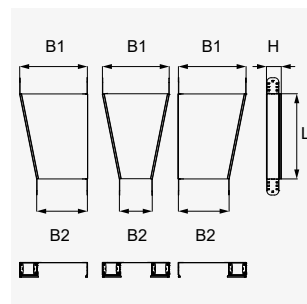
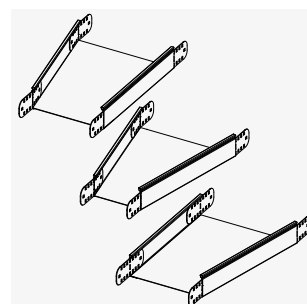
RR 85

Cable tray reducer, height = 85 mm

Article	H mm	B1 mm	B2 mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process					
RR 85-20S	85	200	100	500	1.816
RR 85-30S	85	300	200	500	2.306
RR 85-40S	85	400	300	500	2.796
RR 85-50S	85	500	400	500	3.286
RR 85-60S	85	600	500	500	3.776
Steel, hot-dip galvanised					
RR 85-20F	85	200	100	500	2.004
RR 85-30F	85	300	200	500	2.544
RR 85-40F	85	400	300	500	3.074
RR 85-50F	85	500	400	500	3.614
RR 85-60F	85	600	500	500	4.154

optional accessories

RRD	Cable tray reducer cover	79
RRDR	Cable tray reducer cover with turnbuckles	79
VB	Bottom plate	88, 216
RTRV 85	Cable tray divider, variable, height = 80 mm	94



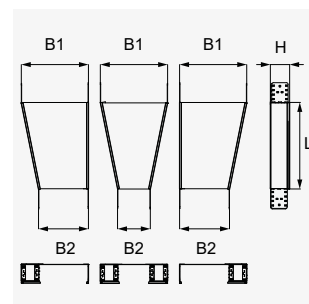
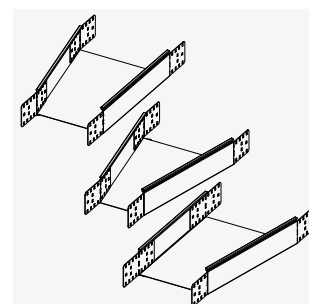
RR 110

Cable tray reducer, height = 110 mm

Article	H mm	B1 mm	B2 mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process					
RR 110-20S	110	200	100	500	2.006
RR 110-30S	110	300	200	500	2.506
RR 110-40S	110	400	300	500	2.996
RR 110-50S	110	500	400	500	3.486
RR 110-60S	110	600	500	500	3.976
Steel, hot-dip galvanised					
RR 110-20F	110	200	100	500	2.214
RR 110-30F	110	300	200	500	2.754
RR 110-40F	110	400	300	500	3.294
RR 110-50F	110	500	400	500	3.834
RR 110-60F	110	600	500	500	4.374
Stainless steel, acc. to AISI 304 (BS 304S31)					
RR 110-20E	110	200	100	500	2.014
RR 110-30E	110	300	200	500	2.514
RR 110-40E	110	400	300	500	3.004
RR 110-50E	110	500	400	500	3.494
RR 110-60E	110	600	500	500	3.984

optional accessories

RRD	Cable tray reducer cover	79
RRDR	Cable tray reducer cover with turnbuckles	79
VB	Bottom plate	88, 216
RTRV 110	Cable tray divider, variable, height = 100 mm	95



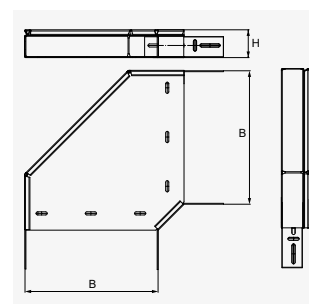
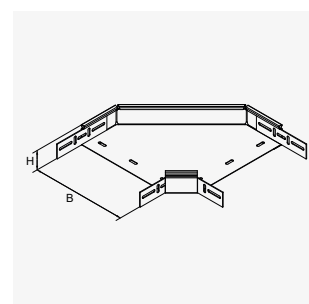
RIB 60

Installation cable tray bend, height = 60 mm

Article	H mm	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RIB 60-05S	60	50	90°	0.518
RIB 60-10S	60	100	90°	0.731
RIB 60-20S	60	200	90°	1.183
RIB 60-30S	60	300	90°	1.863
Steel, hot-dip galvanised				
RIB 60-05F	60	50	90°	0.556
RIB 60-10F	60	100	90°	0.784
RIB 60-20F	60	200	90°	1.268
RIB 60-30F	60	300	90°	1.995

optional accessories

RBD	Cable tray bend cover	71
RBDR	Cable tray cover with turnbuckles	72
RIBDS	Installation cable tray bend cover, heavy	81
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



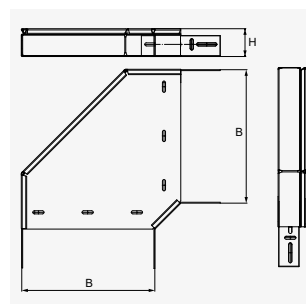
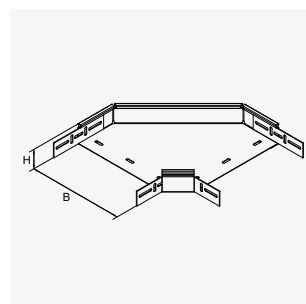
RIB 60

Installation cable tray bend, height = 60 mm

Article	H mm	B mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
RIB 60-05E	60	50	90°	0.451
RIB 60-10E	60	100	90°	0.856
RIB 60-20E	60	200	90°	1.311
RIB 60-30E	60	300	90°	1.977

optional accessories

RBD	Cable tray bend cover	71
RBDR	Cable tray cover with turnbuckles	72
RIBDS	Installation cable tray bend cover, heavy	81
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



RIA 60

Installation cable tray tee, height = 60 mm

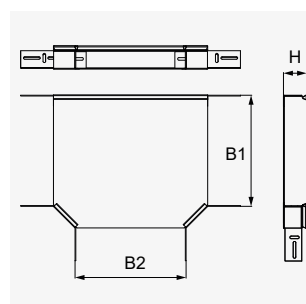
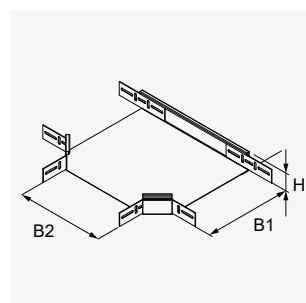
Article	H mm	B1 mm	B2 mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process					
RIA 60-05S	60	50	50	164	0.913
RIA 60-10-05S	60	100	50	164	0.994
RIA 60-10S	60	100	100	214	1.177
RIA 60-20-10S	60	200	100	214	1.388
RIA 60-20S	60	200	200	314	1.515
RIA 60-30-20S	60	300	200	314	2.027
RIA 60-30S	60	300	300	414	2.453

Steel, hot-dip galvanised

RIA 60-05F	60	50	50	164	0.980
RIA 60-10-05F	60	100	50	164	1.067
RIA 60-10F	60	100	100	214	1.262
RIA 60-20-10F	60	200	100	214	1.488
RIA 60-20F	60	200	200	314	1.624
RIA 60-30-20F	60	300	200		2.044
RIA 60-30F	60	300	300	414	2.628

optional accessories

RIADS	Installation cable tray branch cover, heavy	81
RADR	Cable tray tee cover with turnbuckles	77
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94
RAD	Cable tray tee cover	76



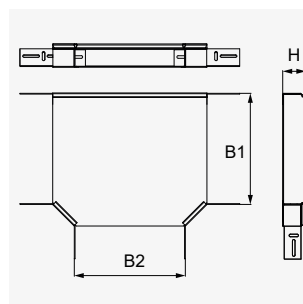
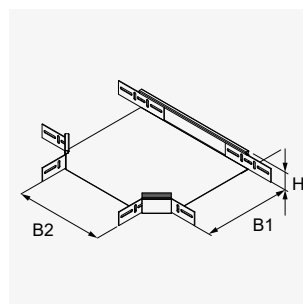
RIA 60

Installation cable tray tee, height = 60 mm

Article	H	B1	B2	L	G
	mm	mm	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
RIA 60-05E	60	50	50	164	0.807
RIA 60-10-05E	60	100	50	164	0.888
RIA 60-10E	60	100	100	214	1.054
RIA 60-20-10E	60	200	100	214	1.265
RIA 60-20E	60	200	200	314	1.597
RIA 60-30-20E	60	300	200	314	1.907
RIA 60-30E	60	300	300	414	2.338

optional accessories

RIADS	Installation cable tray branch cover, heavy	81
RADR	Cable tray tee cover with turnbuckles	77
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94
RAD	Cable tray tee cover	76



RIK 60

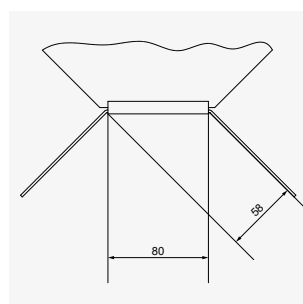
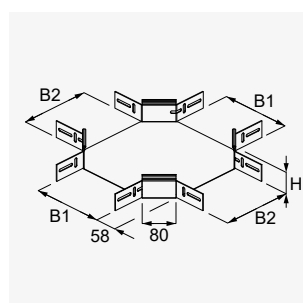
Installation cable tray crossing, height = 60 mm

Article	H	B1	B2	G
	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process				
RIK 60-05S	60	50	50	1.174
RIK 60-10-05S	60	100	50	1.254
RIK 60-10S	60	100	100	1.359
RIK 60-20-10S	60	200	100	1.569
RIK 60-20S	60	200	200	1.878
RIK 60-30-20S	60	300	200	2.186
RIK 60-30S	60	300	300	2.592

Steel, hot-dip galvanised				
RIK 60-05F	60	50	50	1.260
RIK 60-10-05F	60	100	50	1.346
RIK 60-10F	60	100	100	1.458
RIK 60-20-10F	60	200	100	1.683
RIK 60-20F	60	200	200	2.014
RIK 60-30-20F	60	300	200	2.343
RIK 60-30F	60	300	300	2.778

optional accessories

RKD	Cable tray crossing cover	78
RKDR	Cable tray crossing cover with turnbuckles	78
RIKDS	Installation cable tray crossing cover, heavy	82
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



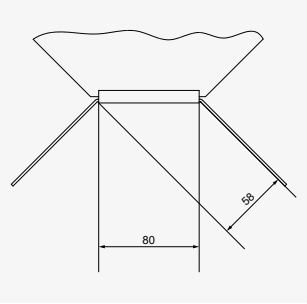
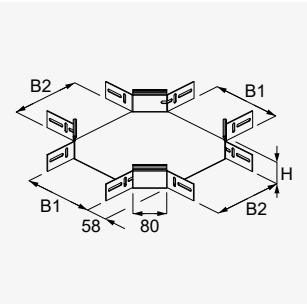
RIK 60

Installation cable tray crossing, height = 60 mm

Article	H	B1	B2	G
	mm	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
RIK 60-05E	60	50	50	1.023
RIK 60-10-05E	60	100	50	1.104
RIK 60-10E	60	100	100	1.210
RIK 60-20-10E	60	200	100	1.421
RIK 60-20E	60	200	200	1.731
RIK 60-30-20E	60	300	200	2.041
RIK 60-30E	60	300	300	2.450

optional accessories

RKD	Cable tray crossing cover	78
RKDR	Cable tray crossing cover with turnbuckles	78
RIKDS	Installation cable tray crossing cover, heavy	82
VB	Bottom plate	88, 216
RTRV 60	Cable tray divider, variable, height = 50 mm	94



Covers

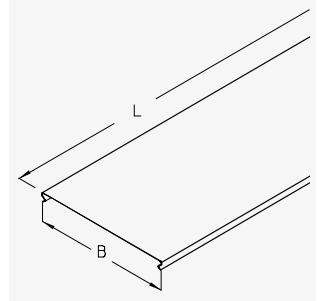
RD

Cable tray cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RD 05S	56	3000	0.75	1.520
RD 10S	106	3000	0.75	2.400
RD 15S	156	3000	0.75	3.290
RD 20S	206	3000	0.75	4.170
RD 30S	306	3000	1.00	7.910
RD 40S	406	3000	1.00	10.270
RD 50S	506	3000	1.25	15.780
RD 60S	606	3000	1.25	18.720
Steel, hot-dip galvanised				
RD 05F	56	3000	0.75	1.630
RD 10F	106	3000	0.75	2.570
RD 15F	156	3000	0.75	3.520
RD 20F	206	3000	0.75	4.460
RD 30F	306	3000	1.00	8.470
RD 40F	406	3000	1.00	10.990
RD 50F	506	3000	1.25	16.880
RD 60F	606	3000	1.25	20.000
Stainless steel, acc. to AISI 304 (BS 304S31)				
RD 05E	56	3000	0.80	1.630
RD 10E	106	3000	0.80	2.580
RD 20E	206	3000	0.80	4.470
RD 30E	306	3000	1.00	7.960
RD 40E	406	3000	1.00	10.330
RD 50E	506	3000	1.25	15.880
RD 60E	606	3000	1.25	18.840

optional accessories

RD-SW	Cable tray storm protection bracket	80
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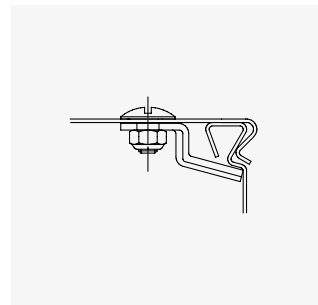
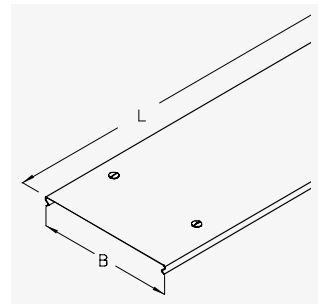
RDR

Cable tray cover with turnbuckles

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RDR 05S	56	3000	0.75	1.630
RDR 10S	106	3000	0.75	2.540
RDR 15S	156	3000	0.75	3.420
RDR 20S	206	3000	0.75	4.310
RDR 30S	306	3000	1.00	8.050
RDR 40S	406	3000	1.00	10.410
RDR 50S	506	3000	1.25	15.920
RDR 60S	606	3000	1.25	18.860
Steel, hot-dip galvanised				
RDR 05F	56	3000	0.75	1.760
RDR 10F	106	3000	0.75	2.710
RDR 15F	156	3000	0.75	3.650
RDR 20F	206	3000	0.75	4.600
RDR 30F	306	3000	1.00	8.600
RDR 40F	406	3000	1.00	11.120
RDR 50F	506	3000	1.25	17.020
RDR 60F	606	3000	1.25	20.170
Stainless steel, acc. to AISI 304 (BS 304S31)				
RDR 05E	56	3000	0.80	1.770
RDR 10E	106	3000	0.80	2.720
RDR 20E	206	3000	0.80	4.610
RDR 30E	306	3000	1.00	8.100
RDR 40E	406	3000	1.00	10.470
RDR 50E	506	3000	1.25	16.020
RDR 60E	606	3000	1.25	18.980

optional accessories

RD-SW	Cable tray storm protection bracket	80
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RDS

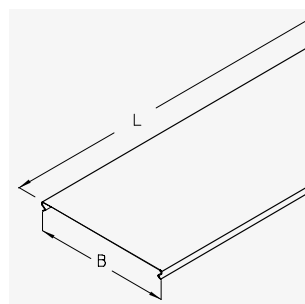
Cable tray cover, heavy

Article	B	L	t	G
	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process				
RDS 05S	50	3000	1.50	3.030
RDS 10S	107	3000	1.50	4.800
RDS 20S	207	3000	1.50	8.330
RDS 30S	307	3000	1.50	11.870
RDS 40S	407	3000	1.50	15.400
RDS 50S	507	3000	1.50	18.930
RDS 60S	607	3000	1.50	22.460

Steel, hot-dip galvanised				
RDS 05F	50	3000	1.50	3.250
RDS 10F	107	3000	1.50	5.140
RDS 20F	207	3000	1.50	8.920
RDS 30F	307	3000	1.50	12.700
RDS 40F	407	3000	1.50	16.470
RDS 50F	507	3000	1.50	20.250
RDS 60F	607	3000	1.50	24.030

optional accessories

RD-SW Cable tray storm protection bracket 80



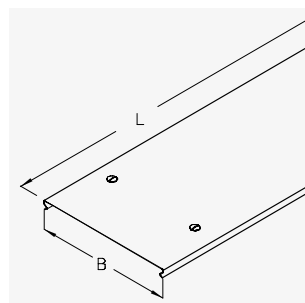
RDSR

Cable tray cover with turnbuckles, heavy

Article	B	L	t	G
	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process				
RDSR 10S	107	3000	1.50	4.970
RDSR 20S	207	3000	1.50	8.500
RDSR 30S	307	3000	1.50	12.030
RDSR 40S	407	3000	1.50	15.560
RDSR 50S	507	3000	1.50	19.100
RDSR 60S	607	3000	1.50	22.630

optional accessories

RD-SW Cable tray storm protection bracket 80



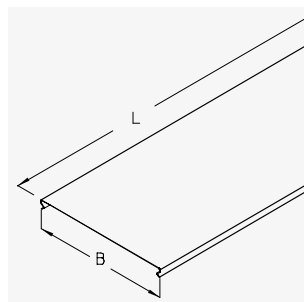
RID

Installation cable tray cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RID 05S	56	3000	0.75	1.520
RID 10S	106	3000	0.75	2.400
RID 15S	156	3000	0.75	3.290
RID 20S	206	3000	0.75	4.170
RID 30S	306	3000	1.00	7.910
Steel, hot-dip galvanised				
RID 05F	56	3000	0.75	1.630
RID 10F	106	3000	0.75	2.570
RID 15F	156	3000	0.75	3.520
RID 20F	206	3000	0.75	4.460
RID 30F	306	3000	1.00	8.470
Stainless steel, acc. to AISI 304 (BS 304S31)				
RID 05E	56	3000	0.80	1.501
RID 10E	106	3000	0.80	2.580
RID 15E	156	3000	0.80	3.530
RID 20E	206	3000	0.80	4.470
RID 30E	306	3000	1.00	7.960

optional accessories

RD-SW Cable tray storm protection bracket 80



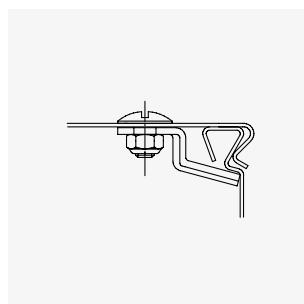
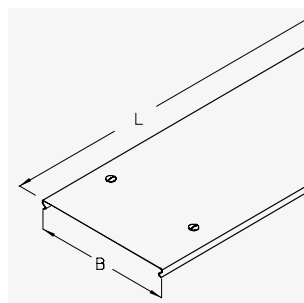
RIDR

Installation cable tray cover with turnbuckles

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RIDR 05S	56	3000	0.75	1.630
RIDR 10S	106	3000	0.75	2.540
RIDR 15S	156	3000	0.75	3.420
RIDR 20S	206	3000	0.75	4.310
RIDR 30S	306	3000	1.00	8.050
Steel, hot-dip galvanised				
RIDR 05F	56	3000	0.75	1.760
RIDR 10F	106	3000	0.75	2.710
RIDR 15F	156	3000	0.75	3.650
RIDR 20F	206	3000	0.75	4.600
RIDR 30F	306	3000	1.00	8.600

optional accessories

RD-SW Cable tray storm protection bracket 80



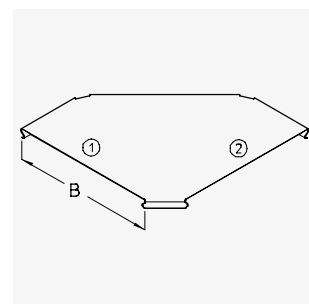
RBD

Cable tray bend cover

Article	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process			
RBD 10S	106	90°	0.120
RBD 20S	206	90°	0.330
RBD 30S	306	90°	0.850
RBD 40S	406	90°	1.400
RBD 50S	506	90°	2.590
RBD 60S	606	90°	3.590
Steel, hot-dip galvanised			
RBD 10F	106	90°	0.130
RBD 20F	206	90°	0.350
RBD 30F	306	90°	0.910
RBD 40F	406	90°	1.500
RBD 50F	506	90°	2.770
RBD 60F	606	90°	3.840
Stainless steel, acc. to AISI 304 (BS 304S31)			
RBD 10E	106	90°	0.130
RBD 20E	206	90°	0.360
RBD 30E	306	90°	0.860
RBD 40E	406	90°	1.410
RBD 50E	506	90°	2.610
RBD 60E	606	90°	3.610

optional accessories

RD-SW	Cable tray storm protection bracket	80
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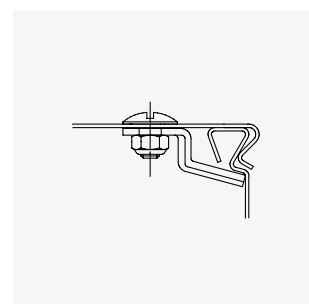
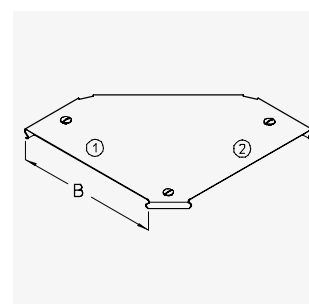
RBDR

Cable tray cover with turnbuckles

Article	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process			
RBDR 10S	106	90°	0.160
RBDR 20S	206	90°	0.390
RBDR 30S	306	90°	0.910
RBDR 40S	406	90°	1.460
RBDR 50S	506	90°	2.650
RBDR 60S	606	90°	3.650
Steel, hot-dip galvanised			
RBDR 10F	106	90°	0.180
RBDR 20F	206	90°	0.420
RBDR 30F	306	90°	0.980
RBDR 40F	406	90°	1.570
RBDR 50F	506	90°	2.840
RBDR 60F	606	90°	3.910

optional accessories

RD-SW	Cable tray storm protection bracket	80
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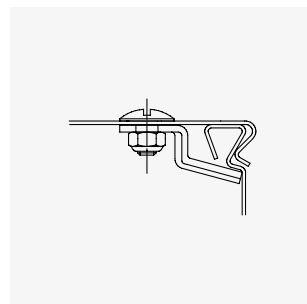
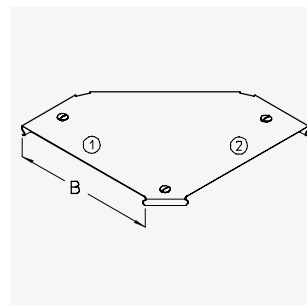
RBDR

Cable tray cover with turnbuckles

Article	B mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
RBDR 10E	106	90°	0.180
RBDR 20E	206	90°	0.430
RBDR 30E	306	90°	0.930
RBDR 40E	406	90°	1.480
RBDR 50E	506	90°	2.680
RBDR 60E	606	90°	3.680

optional accessories

RD-SW	Cable tray storm protection bracket	80
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RBD45

Cable tray bend cover

Article	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process			
RBD45 10S	106	45°	0.110
RBD45 20S	206	45°	0.245
RBD45 30S	306	45°	0.555
RBD45 40S	406	45°	1.005
RBD45 50S	506	45°	1.500
RBD45 60S	606	45°	1.995

Steel, hot-dip galvanised

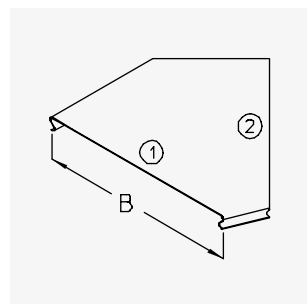
RBD45 10F	106	45°	0.120
RBD45 20F	206	45°	0.265
RBD45 30F	306	45°	0.640
RBD45 40F	406	45°	0.980
RBD45 50F	506	45°	1.630
RBD45 60F	606	45°	2.175

Stainless steel, acc. to AISI 304 (BS 304S31)

RBD45 10E	106	45°	0.110
RBD45 20E	206	45°	0.260
RBD45 30E	306	45°	0.570
RBD45 40E	406	45°	0.880
RBD45 50E	506	45°	1.570
RBD45 60E	606	45°	2.130

optional accessories

RD-SW	Cable tray storm protection bracket	80
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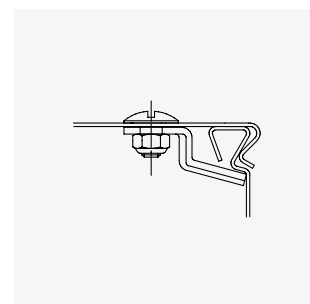
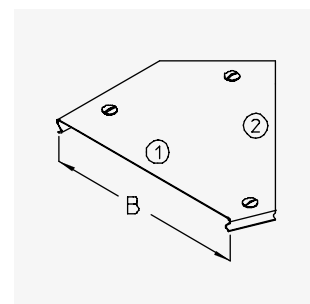
RBDR45

Cable tray cover with turnbuckles

Article	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process			
RBDR45 10S	106	45°	0.160
RBDR45 20S	206	45°	0.320
RBDR45 30S	306	45°	0.620
RBDR45 40S	406	45°	0.930
RBDR45 50S	506	45°	1.620
RBDR45 60S	606	45°	2.170
Steel, hot-dip galvanised			
RBDR45 10F	106	45°	0.180
RBDR45 20F	206	45°	0.350
RBDR45 30F	306	45°	0.670
RBDR45 40F	406	45°	1.000
RBDR45 50F	506	45°	1.740
RBDR45 60F	606	45°	2.330

optional accessories

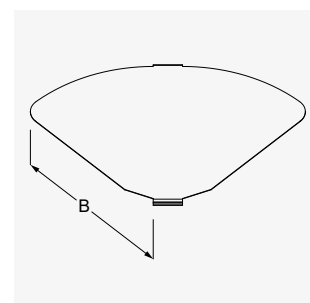
RD-SW	Cable tray storm protection bracket	80
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RBVD

Cable tray bend cover, variable

Article	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process			
RBVD 05S	48	var.	0.051
RBVD 10S	106	var.	0.128
RBVD 20S	206	var.	0.375
RBVD 30S	306	var.	0.746
RBVD 40S	406	var.	1.241
RBVD 50S	506	var.	1.860
RBVD 60S	606	var.	2.602
Stainless steel, acc. to AISI 304 (BS 304S31)			
RBVD 05E	48	var.	0.052
RBVD 10E	106	var.	0.130
RBVD 20E	206	var.	0.382
RBVD 30E	306	var.	0.760
RBVD 40E	406	var.	1.265
RBVD 50E	506	var.	1.896
RBVD 60E	606	var.	2.652
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RBVD 05E4	48	var.	0.052
RBVD 10E4	106	var.	0.130
RBVD 20E4	206	var.	0.382
RBVD 30E4	306	var.	0.760
RBVD 40E4	406	var.	1.265
RBVD 50E4	506	var.	1.896
RBVD 60E4	606	var.	2.652



optional accessories

RD-SW	Cable tray storm protection bracket	80
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RBVDR

Cable tray bend cover, variable with turnbuckles

Article	B mm	W	G kg
Steel, pre-galvanised/Sendzimir process			
RBVDR 05S	56	var.	0.091
RBVDR 10S	106	var.	0.168
RBVDR 20S	206	var.	0.415
RBVDR 30S	306	var.	0.786
RBVDR 40S	406	var.	1.281
RBVDR 50S	506	var.	1.900
RBVDR 60S	606	var.	2.642
Stainless steel, acc. to AISI 304 (BS 304S31)			
RBVDR 05E	56	var.	0.098
RBVDR 10E	106	var.	0.176
RBVDR 20E	206	var.	0.428
RBVDR 30E	306	var.	0.806
RBVDR 40E	406	var.	1.311
RBVDR 50E	506	var.	1.942
RBVDR 60E	606	var.	2.698
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RBVDR 05E4	56	var.	0.098
RBVDR 10E4	106	var.	0.176
RBVDR 20E4	206	var.	0.428
RBVDR 30E4	306	var.	0.806
RBVDR 40E4	406	var.	1.311
RBVDR 50E4	506	var.	1.942
RBVDR 60E4	606	var.	2.698

optional accessories

RD-SW Cable tray storm protection bracket 80

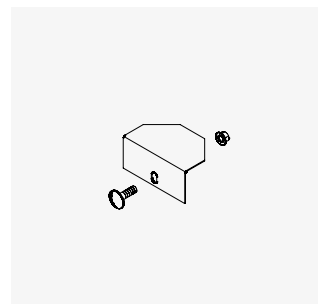
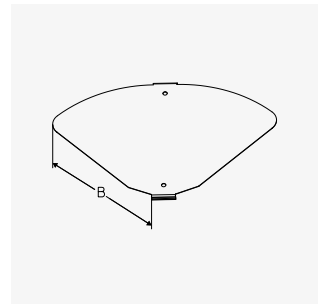
RAED

Cable tray attachment corner cover

Article	G kg
Steel, pre-galvanised/Sendzimir process	
RAED S	0.055
Steel, hot-dip galvanised	
RAED F	0.059
Stainless steel, acc. to AISI 304 (BS 304S31)	
RAED E	0.057

optional accessories

RD-SW Cable tray storm protection bracket 80



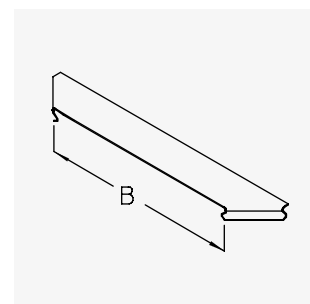
RAAD

Cable tray add-on tee cover

Article	B mm	G kg
Steel, pre-galvanised/Sendzimir process		
RAAD 10S	106	0.076
RAAD 20S	206	0.110
RAAD 30S	306	0.200
RAAD 40S	406	0.250
RAAD 50S	506	0.380
RAAD 60S	606	0.440
Steel, hot-dip galvanised		
RAAD 10F	106	0.080
RAAD 20F	206	0.120
RAAD 30F	306	0.210
RAAD 40F	406	0.270
RAAD 50F	506	0.410
RAAD 60F	606	0.470
Stainless steel, acc. to AISI 304 (BS 304S31)		
RAAD 10E	106	0.080
RAAD 20E	206	0.120
RAAD 30E	306	0.200
RAAD 40E	406	0.260
RAAD 50E	506	0.380
RAAD 60E	606	0.450

optional accessories

RD-SW	Cable tray storm protection bracket	80
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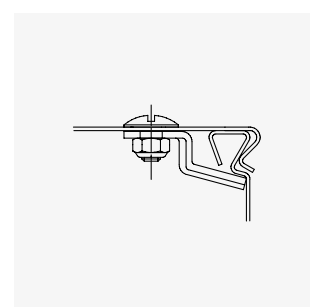
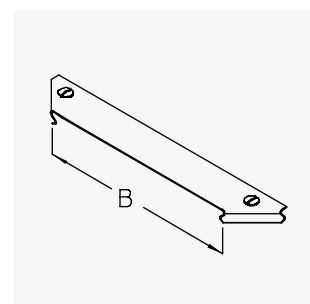
RAADR

Cable tray add-on tee cover with turnbuckles

Article	B mm	G kg
Steel, pre-galvanised/Sendzimir process		
RAADR 10S	106	0.106
RAADR 20S	206	0.154
RAADR 30S	306	0.243
RAADR 40S	406	0.294
RAADR 50S	506	0.422
RAADR 60S	606	0.485
Steel, hot-dip galvanised		
RAADR 10F	106	0.127
RAADR 20F	206	0.168
RAADR 30F	306	0.263
RAADR 40F	406	0.318
RAADR 50F	506	0.454
RAADR 60F	606	0.523

optional accessories

RD-SW	Cable tray storm protection bracket	80
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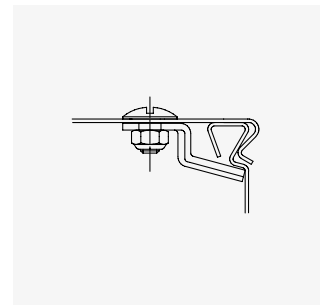
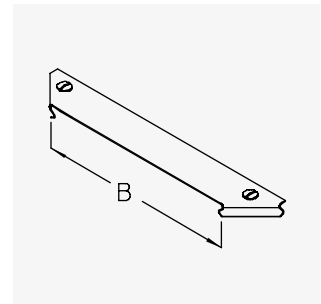
RAADR

Cable tray add-on tee cover with turnbuckles

Article	B mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
RAADR 10E	106	0.127
RAADR 20E	206	0.169
RAADR 30E	306	0.250
RAADR 40E	406	0.302
RAADR 50E	506	0.430
RAADR 60E	606	0.494

optional accessories

RD-SW	Cable tray storm protection bracket	80
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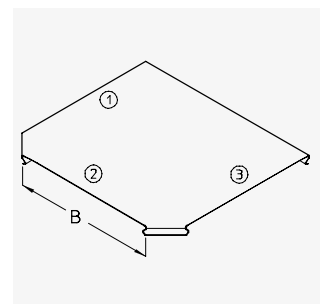
RAD

Cable tray tee cover

Article	B mm	G kg
Steel, pre-galvanised/Sendzimir process		
RAD 10S	106	0.210
RAD 20S	206	0.500
RAD 30S	306	1.210
RAD 40S	406	1.910
RAD 50S	506	3.450
RAD 60S	606	4.720
Steel, hot-dip galvanised		
RAD 10F	106	0.220
RAD 20F	206	0.540
RAD 30F	306	1.290
RAD 40F	406	2.040
RAD 50F	506	3.690
RAD 60F	606	5.050
Stainless steel, acc. to AISI 304 (BS 304S31)		
RAD 10E	106	0.230
RAD 20E	206	0.540
RAD 30E	306	1.220
RAD 40E	406	1.920
RAD 50E	506	3.470
RAD 60E	606	4.750

optional accessories

RD-SW	Cable tray storm protection bracket	80
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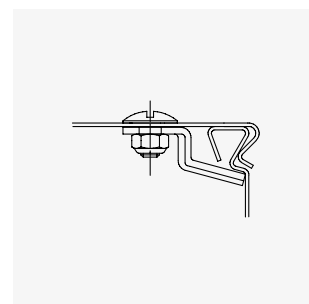
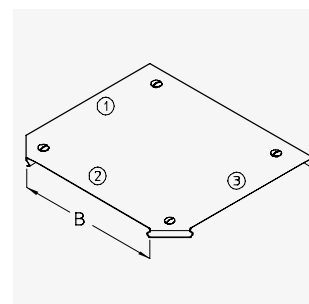
RADR

Cable tray tee cover with turnbuckles

Article	B mm	G kg
Steel, pre-galvanised/Sendzimir process		
RADR 10S	106	0.293
RADR 20S	206	0.581
RADR 30S	306	1.289
RADR 40S	406	1.987
RADR 50S	506	3.532
RADR 60S	606	4.797
Steel, hot-dip galvanised		
RADR 10F	106	0.313
RADR 20F	206	0.622
RADR 30F	306	1.379
RADR 40F	406	2.216
RADR 50F	506	3.779
RADR 60F	606	5.132
Stainless steel, acc. to AISI 304 (BS 304S31)		
RADR 10E	106	0.321
RADR 20E	206	0.630
RADR 30E	306	1.308
RADR 40E	406	2.011
RADR 50E	506	3.566
RADR 60E	606	4.839

optional accessories

RD-SW	Cable tray storm protection bracket	80
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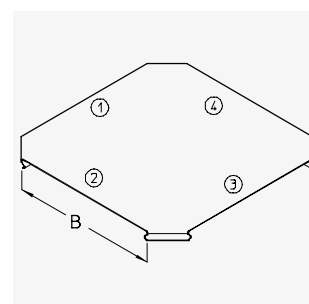
RKD

Cable tray crossing cover

Article	B mm	G kg
Steel, pre-galvanised/Sendzimir process		
RKD 10S	106	0.260
RKD 20S	206	0.570
RKD 30S	306	1.330
RKD 40S	406	2.050
RKD 50S	506	3.670
RKD 60S	606	4.980
Steel, hot-dip galvanised		
RKD 10F	106	0.270
RKD 20F	206	0.610
RKD 30F	306	1.420
RKD 40F	406	2.190
RKD 50F	506	3.930
RKD 60F	606	5.330

optional accessories

RD-SW	Cable tray storm protection bracket	80
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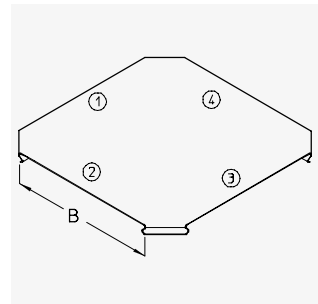
RKD

Cable tray crossing cover

Article	B mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
RKD 10E	106	0.270
RKD 20E	206	0.610
RKD 30E	306	1.330
RKD 40E	406	2.070
RKD 50E	506	3.700
RKD 60E	606	5.000

optional accessories

RD-SW	Cable tray storm protection bracket	80
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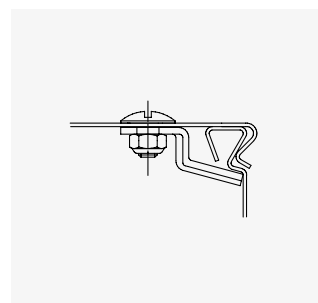
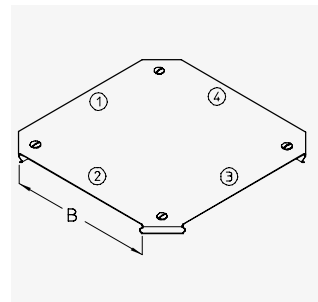
RKDR

Cable tray crossing cover with turnbuckles

Article	B mm	G kg
Steel, pre-galvanised/Sendzimir process		
RKDR 10S	106	0.338
RKDR 20S	206	0.648
RKDR 30S	306	1.409
RKDR 40S	406	2.138
RKDR 50S	506	3.759
RKDR 60S	606	5.062
Steel, hot-dip galvanised		
RKDR 10F	106	0.368
RKDR 20F	206	0.700
RKDR 30F	306	1.514
RKDR 40F	406	2.394
RKDR 50F	506	4.029
RKDR 60F	606	5.423
Stainless steel, acc. to AISI 304 (BS 304S31)		
RKDR 10E	106	0.368
RKDR 20E	206	0.702
RKDR 30E	306	1.430
RKDR 40E	406	2.163
RKDR 50E	506	3.795
RKDR 60E	602	5.106

optional accessories

RD-SW	Cable tray storm protection bracket	80
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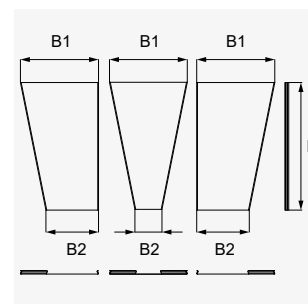
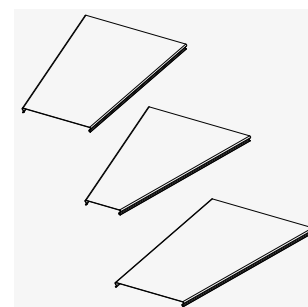
RRD

Cable tray reducer cover

Article	B1 mm	B2 mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
RRD 20S	206	106	500	0.550
RRD 30S	306	206	500	1.130
RRD 40S	406	306	500	1.520
RRD 50S	506	406	500	2.390
RRD 60S	606	506	500	2.880
Steel, hot-dip galvanised				
RRD 20F	206	106	500	0.590
RRD 30F	306	206	500	1.210
RRD 40F	406	306	500	1.630
RRD 50F	506	406	500	2.560
RRD 60F	606	506	500	3.080
Stainless steel, acc. to AISI 304 (BS 304S31)				
RRD 20E	206	106	500	0.590
RRD 30E	306	206	500	1.130
RRD 40E	406	306	500	1.530
RRD 50E	506	406	500	2.400
RRD 60E	606	506	500	2.900

optional accessories

RD-SW	Cable tray storm protection bracket	80
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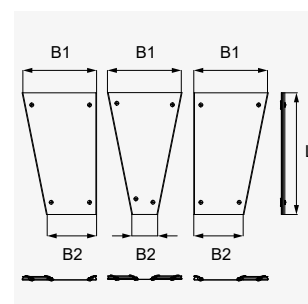
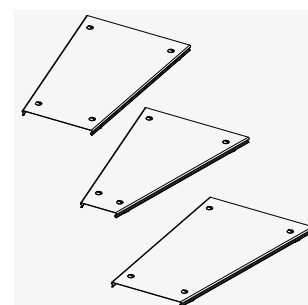
RRDR

Cable tray reducer cover with turnbuckles

Article	B1 mm	B2 mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
RRDR 20S	206	106	500	0.630
RRDR 30S	306	206	500	1.200
RRDR 40S	406	306	500	1.600
RRDR 50S	506	406	500	2.470
RRDR 60S	606	506	500	2.960
Steel, hot-dip galvanised				
RRDR 20F	206	106	500	0.680
RRDR 30F	306	206	500	1.300
RRDR 40F	406	306	500	1.720
RRDR 50F	506	406	500	2.650
RRDR 60F	606	506	500	3.170
Stainless steel, acc. to AISI 304 (BS 304S31)				
RRDR 20E	206	106	500	0.680
RRDR 30E	306	206	500	1.220
RRDR 40E	406	306	500	1.620
RRDR 50E	506	406	500	2.490
RRDR 60E	606	506	500	2.990

optional accessories

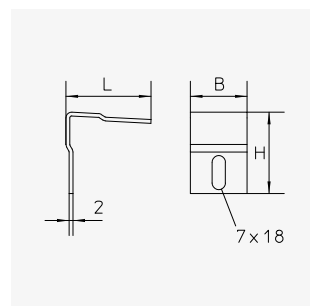
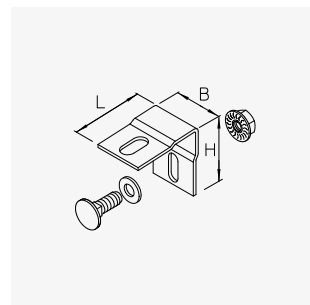
RD-SW	Cable tray storm protection bracket	80
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RD-SW

Cable tray storm protection bracket

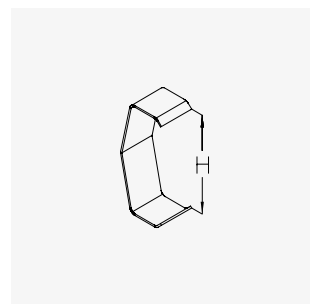
Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
RD-SW F	40	30	40	0.047
Stainless steel, acc. to AISI 304 (BS 304S31)				
RD-SW E	40	30	40	0.045
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RD-SW E4	40	30	40	0.046



RDKL 60

Cable tray cover clamp

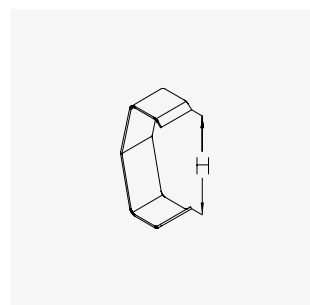
Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
RDKL 60E	58	0.015



RDKL 110

Cable tray cover clamp

Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
RDKL 110E	108	0.022



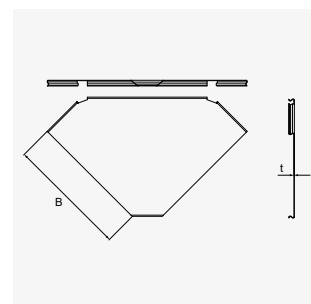
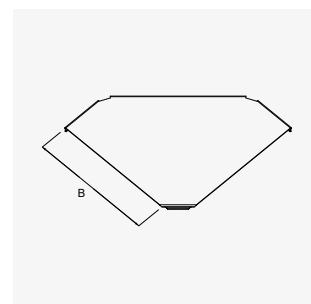
RIBDS

Installation cable tray bend cover, heavy

Article	B mm	t mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
RIBDS 05S	50	1.50	90°	0.108
RIBDS 10S	100	1.50	90°	0.248
RIBDS 20S	200	1.50	90°	0.671
RIBDS 30S	300	1.50	90°	1.281

optional accessories

RD-SW	Cable tray storm protection bracket	80
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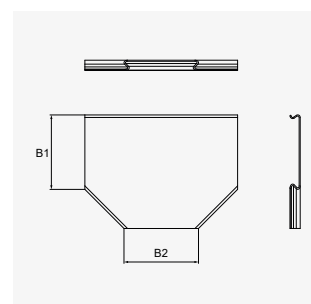
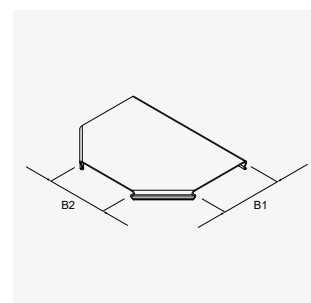
RIADS

Installation cable tray branch cover, heavy

Article	B mm	B2 mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RIADS 05S	50	50	1.50	0.230
RIADS 10-05S	100	50	1.50	0.320
RIADS 10S	100	100	1.50	0.430
RIADS 20-10S	200	100	1.50	0.680
RIADS 20S	200	200	1.50	1.000
RIADS 30-20S	300	200	1.50	1.370
RIADS 30S	300	300	1.50	1.810

optional accessories

RD-SW	Cable tray storm protection bracket	80
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RIKDS

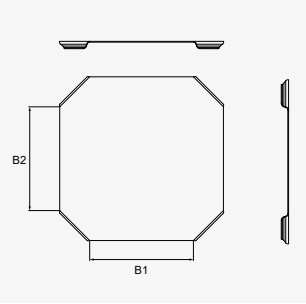
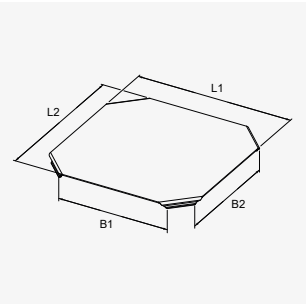
Installation cable tray crossing cover, heavy

Article	B	B2	L	L2	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
RIKDS 05S	56	56	164	164	0.290
RIKDS 10-05S	106	56	214	164	0.380
RIKDS 10S	106	106	214	214	0.510
RIKDS 20-10S	206	106	314	214	0.760
RIKDS 20S	206	206	314	314	1.130
RIKDS 30-20S	306	206	414	314	1.500
RIKDS 30S	306	306	414	414	1.990

optional accessories

RD-SW Cable tray storm protection bracket

80

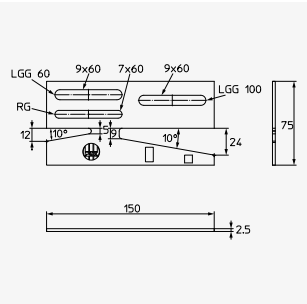
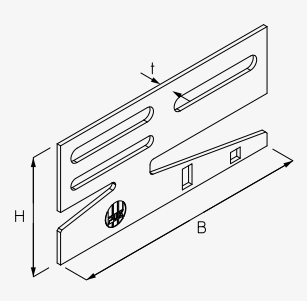


Accessories

KLTR

Beam clamp for cable trays

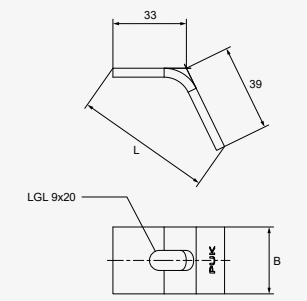
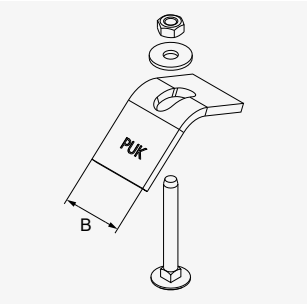
Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
KLTR S	75	150	2.50	0.162
Steel, hot-dip galvanised				
KLTR F	75	150	2.50	0.174
Stainless steel, acc. to AISI 304 (BS 304S31)				
KLTR E	75	150	2.50	0.164



SKLL-R

Clamping claw, light with cable tray attachment

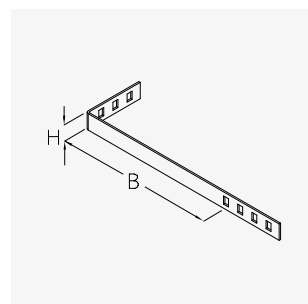
Article	B mm	L mm	k mm	G kg
Steel, hot-dip galvanised				
SKLL-R F	30	60	5 - 25	0.080



RAB 35

Cable tray end plate, height = 20 mm

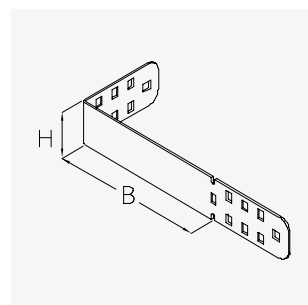
Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAB 35-10S	20	100	0.083
RAB 35-20S	20	200	0.115
RAB 35-30S	20	300	0.146
Steel, hot-dip galvanised			
RAB 35-10F	20	100	0.088
RAB 35-20F	20	200	0.122
RAB 35-30F	20	300	0.154



RAB 60

Cable tray end plate, height = 45 mm

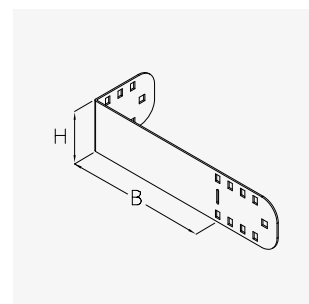
Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAB 60-10S	45	100	0.196
RAB 60-20S	45	200	0.267
RAB 60-30S	45	300	0.337
RAB 60-40S	45	400	0.408
RAB 60-50S	45	500	0.479
RAB 60-60S	45	600	0.549
Steel, hot-dip galvanised			
RAB 60-10F	45	100	0.211
RAB 60-20F	45	200	0.287
RAB 60-30F	45	300	0.362
RAB 60-40F	45	400	0.438
RAB 60-50F	45	500	0.514
RAB 60-60F	45	600	0.588
Stainless steel, acc. to AISI 304 (BS 304S31)			
RAB 60-10E	45	100	0.153
RAB 60-20E	45	200	0.207
RAB 60-30E	45	300	0.260
RAB 60-40E	45	400	0.313
RAB 60-50E	45	500	0.367
RAB 60-60E	45	600	0.420



RAB 85

Cable tray end plate, height = 70 mm

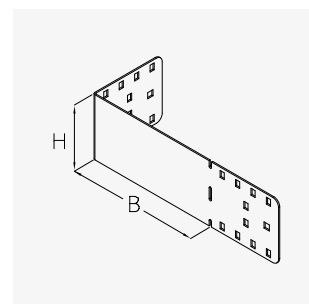
Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAB 85-10S	70	100	0.314
RAB 85-20S	70	200	0.424
RAB 85-30S	70	300	0.534
RAB 85-40S	70	400	0.644
RAB 85-50S	70	500	0.754
RAB 85-60S	70	600	0.863
Steel, hot-dip galvanised			
RAB 85-10F	70	100	0.338
RAB 85-20F	70	200	0.456
RAB 85-30F	70	300	0.573
RAB 85-40F	70	400	0.691
RAB 85-50F	70	500	0.809
RAB 85-60F	70	600	0.925



RAB 110

Cable tray end plate, height = 95 mm

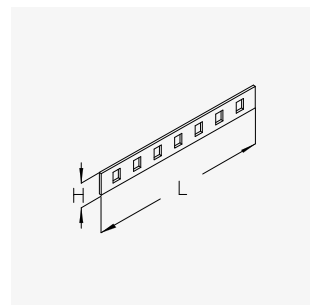
Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
RAB 110-10S	95	100	0.473
RAB 110-20S	95	200	0.633
RAB 110-30S	95	300	0.782
RAB 110-40S	95	400	0.931
RAB 110-50S	95	500	1.080
RAB 110-60S	95	600	1.229
Steel, hot-dip galvanised			
RAB 110-10F	95	100	0.519
RAB 110-20F	95	200	0.679
RAB 110-30F	95	300	0.838
RAB 110-40F	95	400	0.998
RAB 110-50F	95	500	1.158
RAB 110-60F	95	600	1.317
Stainless steel, acc. to AISI 304 (BS 304S31)			
RAB 110-10E	95	100	0.376
RAB 110-20E	95	200	0.488
RAB 110-30E	95	300	0.601
RAB 110-40E	95	400	0.714
RAB 110-50E	95	500	0.826
RAB 110-60E	95	600	0.939



RGV 35

Cable tray side connector, height = 20 mm

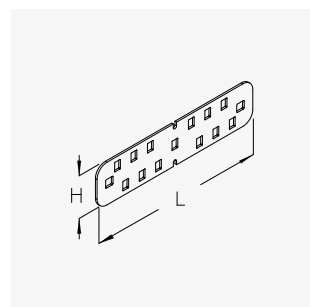
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RGV 35S	20	150	0.056
Steel, hot-dip galvanised			
RGV 35F	20	150	0.058



RGV 60

Cable tray side connector, height = 45 mm

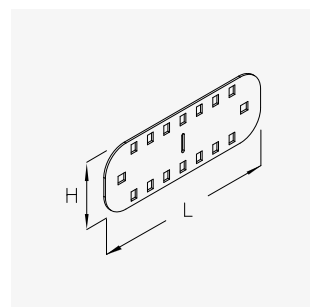
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RGV 60S	45	190	0.129
Steel, hot-dip galvanised			
RGV 60F	45	190	0.139
Stainless steel, acc. to AISI 304 (BS 304S31)			
RGV 60E	45	190	0.103
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RGV 60E4	45	190	0.104



RGV 85

Cable tray side connector, height = 70 mm

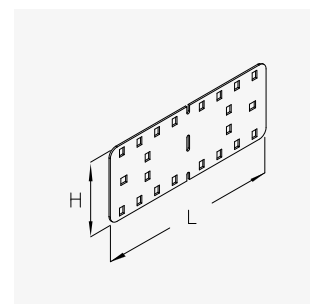
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RGV 85S	70	190	0.213
Steel, hot-dip galvanised			
RGV 85F	70	190	0.221



RGV 110

Cable tray side connector, height = 95 mm

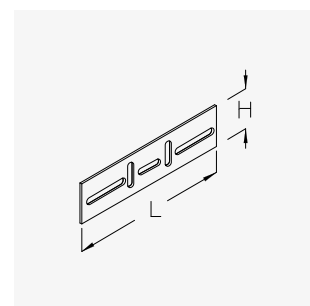
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RGV 110S	95	230	0.342
Steel, hot-dip galvanised			
RGV 110F	95	230	0.359
Stainless steel, acc. to AISI 304 (BS 304S31)			
RGV 110E	95	230	0.266



RIV 60

Installation cable tray connector, height = 45 mm

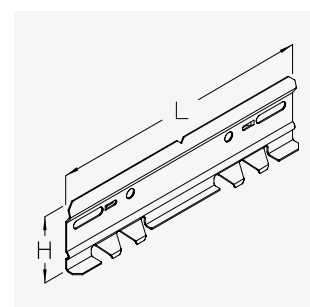
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RIV 60S	45	176	0.123
Steel, hot-dip galvanised			
RIV 60F	45	176	0.130
Stainless steel, acc. to AISI 304 (BS 304S31)			
RIV 60E	45	176	0.096
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RIV 60E4	45	176	0.099



RGVS 60

Cable tray side snap-in connector, height = 60 mm

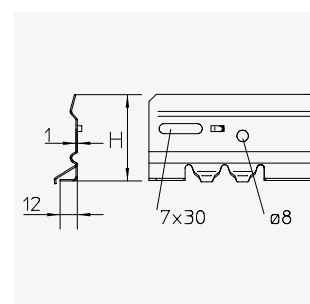
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RGVS 60S	60	230	0.119
Steel, hot-dip galvanised			
RGVS 60F	60	230	0.127
Stainless steel, acc. to AISI 304 (BS 304S31)			
RGVS 60E	60	230	0.119



optional accessories

RGVST RGVs assembly tool

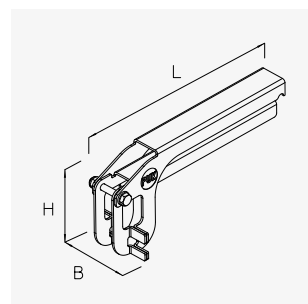
88



RGVST

RGVS assembly tool

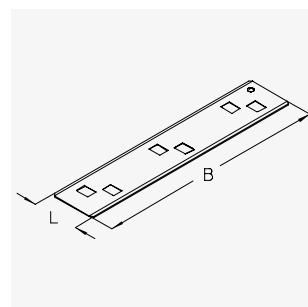
Article	H mm	B mm	L mm	t mm	colour	G kg
sendzimir galvanised and coated						
RGVST SB	92	60	208	3.00	light gray (similar to RAL 7035)	0.401



VB

Bottom plate

Article	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
VB 10S	54	70	0.035
VB 15S	96	70	0.059
VB 20S	155	70	0.099
VB 30S	255	70	0.172
VB 40S	355	70	0.237
VB 50S	455	70	0.293
VB 60S	555	70	0.369



Steel, hot-dip galvanised			
VB 10F	54	70	0.036
VB 15F	96	70	0.065
VB 20F	155	70	0.108
VB 30F	255	70	0.190
VB 40F	355	70	0.260
VB 50F	455	70	0.313
VB 60F	555	70	0.401

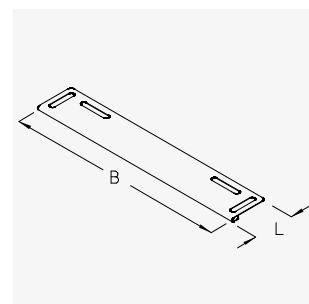
Stainless steel, acc. to AISI 304 (BS 304S31)			
VB 10E	54	70	0.036
VB 20E	155	70	0.107
VB 30E	255	70	0.170
VB 40E	355	70	0.248
VB 50E	455	70	0.313
VB 60E	555	70	0.384

Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
VB 10E4	54	70	0.035
VB 20E4	155	70	0.105
VB 30E4	255	70	0.175
VB 40E4	355	70	0.239
VB 50E4	455	70	0.313
VB 60E4	555	70	0.376

REB

Cable tray end plate

Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
REB 05S	6	40	87	0.043
REB 10S	6	95	50	0.043
REB 15S	6	140	50	0.059
REB 20S	6	190	50	0.075
REB 30S	6	290	50	0.110
REB 40S	6	390	50	0.146
REB 50S	6	490	50	0.181
REB 60S	6	590	50	0.216
Steel, hot-dip galvanised				
REB 05F	6	40	87	0.047
REB 10F	6	95	50	0.047
REB 15F	6	140	50	0.064
REB 20F	6	190	50	0.081
REB 30F	6	290	50	0.119
REB 40F	6	390	50	0.157
REB 50F	6	490	50	0.194
REB 60F	6	590	50	0.232
Stainless steel, acc. to AISI 304 (BS 304S31)				
REB 10E	6	95	50	0.047
REB 20E	6	190	50	0.081
REB 30E	6	290	50	0.120
REB 40E	6	390	50	0.156
REB 50E	6	490	50	0.195
REB 60E	6	590	50	0.233
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
REB 10E4	6	95	50	0.049
REB 20E4	6	190	50	0.083
REB 30E4	6	290	50	0.122
REB 40E4	6	390	50	0.158
REB 50E4	6	490	50	0.197
REB 60E4	6	590	50	0.235



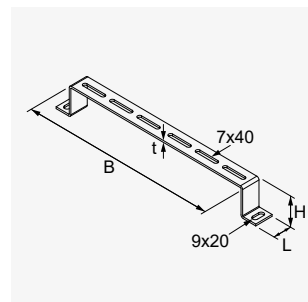
HB 50

Stand-off bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
HB 50-010S	50	118	30	3.00	0.160
HB 50-020S	50	218	30	3.00	0.218
HB 50-030S	50	318	30	3.00	0.289
HB 50-040S	50	418	40	3.00	0.501
HB 50-050S	50	518	40	3.00	0.598
HB 50-060S	50	618	40	3.00	0.695
Steel, hot-dip galvanised					
HB 50-010F	50	118	30	3.00	0.171
HB 50-020F	50	218	30	3.00	0.233
HB 50-030F	50	318	30	3.00	0.309
HB 50-040F	50	418	40	3.00	0.536
HB 50-050F	50	518	40	3.00	0.640
HB 50-060F	50	618	40	3.00	0.744
Stainless steel, acc. to AISI 304 (BS 304S31)					
HB 50-010E	50	118	30	3.00	0.163
HB 50-020E	50	218	30	3.00	0.222
HB 50-030E	50	318	30	3.00	0.295
HB 50-040E	50	418	40	3.00	0.511
HB 50-050E	50	518	40	3.00	0.610
HB 50-060E	50	618	40	3.00	0.709

optional accessories

SD	Expansion anchor	487
GH 6x24	Mounting hooks	119
KLR	Clamp fastening set	477
KLF	Spring clamp fastener	100,478



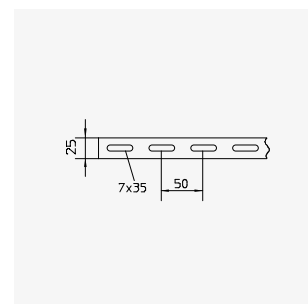
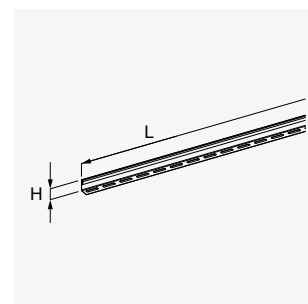
RTR 35

Cable tray divider, height = 33 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RTR 35S	33	3000	1.192
Steel, hot-dip galvanised			
RTR 35F	33	3000	1.704

optional accessories

KLF	Spring clamp fastener	100,478
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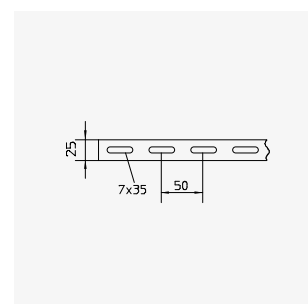
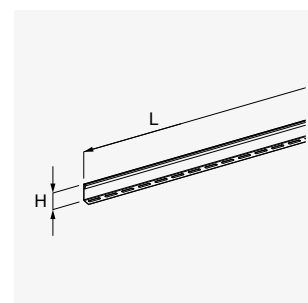
RTR 60

Cable tray divider, height = 50 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RTR 60S	50	3000	1.528
Steel, hot-dip galvanised			
RTR 60F	50	3000	1.634
Stainless steel, acc. to AISI 304 (BS 304S31)			
RTR 60E	50	3000	2.046
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
RTR 60E4	50	3000	2.074

optional accessories

KLF	Spring clamp fastener	100,478
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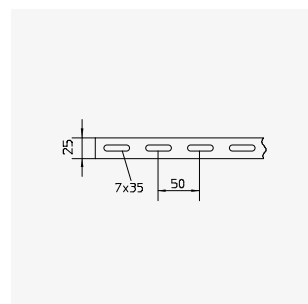
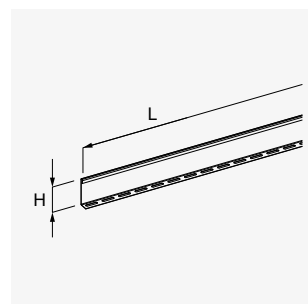
RTR 85

Cable tray divider, height = 80 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RTR 85S	80	3000	2.058
Steel, hot-dip galvanised			
RTR 85F	80	3000	2.204

optional accessories

KLF	Spring clamp fastener	100,478
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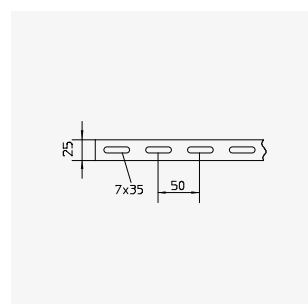
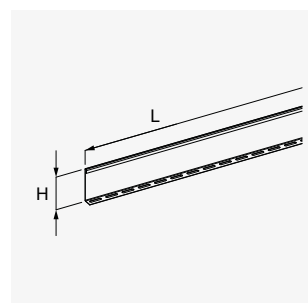
RTR 110

Cable tray divider, height = 100 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
RTR 110S	100	3000	2.411
Steel, hot-dip galvanised			
RTR 110F	100	3000	2.584
Stainless steel, acc. to AISI 304 (BS 304S31)			
RTR 110E	100	3000	3.231

optional accessories

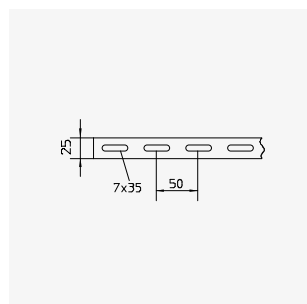
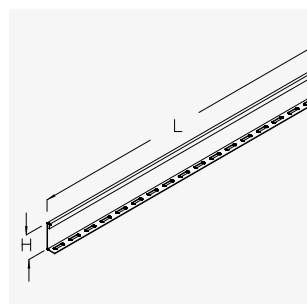
KLF	Spring clamp fastener	100,478
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RITR 60

Installation cable tray divider, height = 58 mm

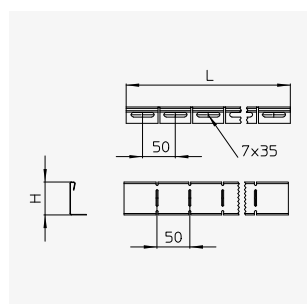
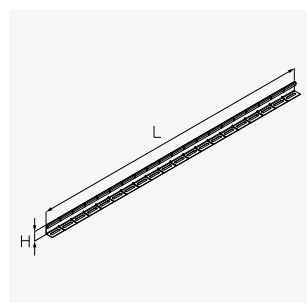
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RITR 60S	58	3000	1.50	3.321



RTRV 35

Cable tray divider, variable, height = 33 mm

Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RTRV 35S	33	1000	0.75	0.399
Stainless steel, acc. to AISI 304 (BS 304S31)				
RTRV 35E	33	1000	0.80	0.429
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RTRV 35E4	33	1000	0.80	0.438



optional accessories

KLF	Spring clamp fastener	100,478
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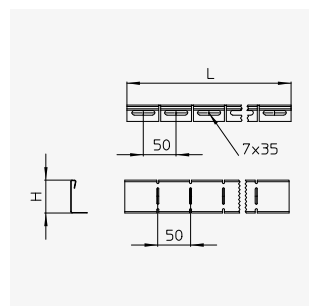
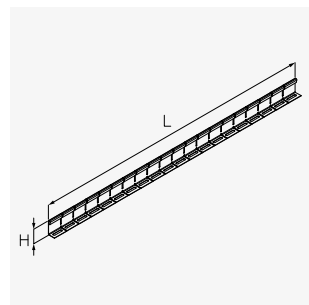
RTRV 60

Cable tray divider, variable, height = 50 mm

Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RTRV 60S	50	1000	0.75	0.502
Stainless steel, acc. to AISI 304 (BS 304S31)				
RTRV 60E	50	1000	0.80	0.540
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RTRV 60E4	50	1000	0.80	0.551

optional accessories

KLF	Spring clamp fastener	100,478
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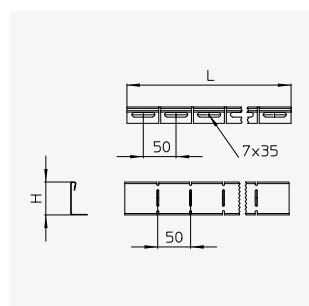
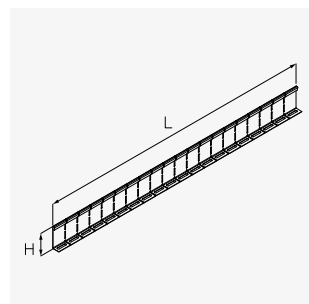
RTRV 85

Cable tray divider, variable, height = 80 mm

Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RTRV 85S	80	1000	0.75	0.671
Stainless steel, acc. to AISI 304 (BS 304S31)				
RTRV 85E	80	1000	0.80	0.722
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RTRV 85E4	80	1000	0.80	0.734

optional accessories

KLF	Spring clamp fastener	100,478
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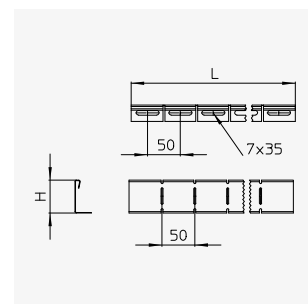
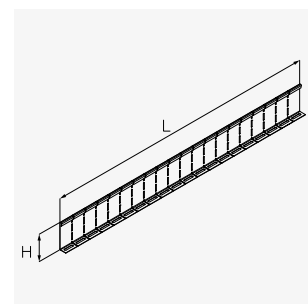
RTRV 110

Cable tray divider, variable, height = 100 mm

Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RTRV 110S	100	1000	0.75	0.782
Stainless steel, acc. to AISI 304 (BS 304S31)				
RTRV 110E	100	1000	0.80	0.841
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
RTRV 110E4	100	1000	0.80	0.855

optional accessories

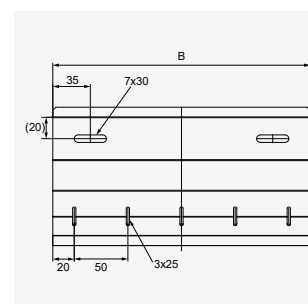
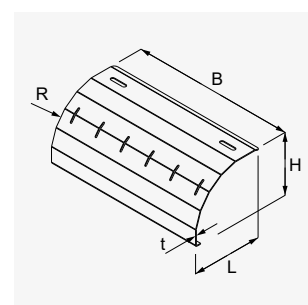
KLF	Spring clamp fastener	100,478
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RKAB

Cable tray drop-out plate

Article	H mm	B mm	L mm	t mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process						
RKAB 05S	110	40	129	1.50	100	0.101
RKAB 10S	110	90	129	1.50	100	0.226
RKAB 15S	110	140	129	1.50	100	0.346
RKAB 20S	110	190	129	1.50	100	0.466
RKAB 30S	110	290	129	1.50	100	0.707
RKAB 40S	110	390	129	1.50	100	0.948
RKAB 50S	110	490	129	1.50	100	1.193
RKAB 60S	110	590	129	1.50	100	1.434
Steel, hot-dip galvanised						
RKAB 05F	110	40	129	1.50	100	0.108
RKAB 10F	110	90	129	1.50	100	0.243
RKAB 15F	110	140	129	1.50	100	0.371
RKAB 20F	110	190	129	1.50	100	0.500
RKAB 30F	110	290	129	1.50	100	0.758
RKAB 40F	110	390	129	1.50	100	1.015
RKAB 50F	110	490	129	1.50	100	1.278
RKAB 60F	110	590	129	1.50	100	1.536
Stainless steel, acc. to AISI 304 (BS 304S31)						
RKAB 05E	110	40	129	1.50	100	0.102
RKAB 10E	110	90	129	1.50	100	0.230
RKAB 15E	110	140	129	1.50	100	0.350
RKAB 20E	110	190	129	1.50	100	0.471
RKAB 30E	110	290	129	1.50	100	0.714
RKAB 40E	110	390	129	1.50	100	0.956
RKAB 50E	110	490	129	1.50	100	1.204
RKAB 60E	110	590	129	1.50	100	1.446



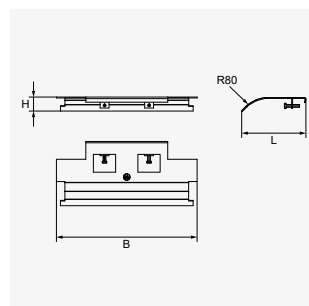
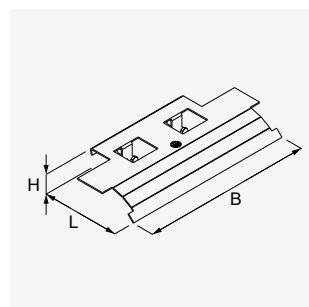
KATB

T-joint connector plate

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
KATB-200S	31	216	144	2.00	0.394
KATB-300S	31	316	144	2.00	0.627
KATB-400S	31	416	144	2.00	0.881
KATB-500S	31	516	144	2.00	1.135
KATB-600S	31	616	144	2.00	1.389

optional accessories

RGV 35	Cable tray side connector, height = 20 mm	86
RGV 60	Cable tray side connector, height = 45 mm	86
RGV 85	Cable tray side connector, height = 70 mm	86
RGV 110	Cable tray side connector, height = 95 mm	87
KATBS	T-joint connector plate, sideways	96



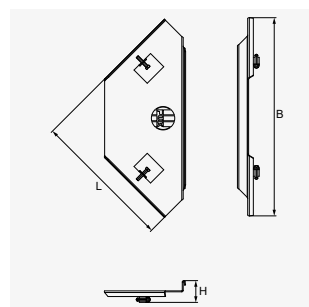
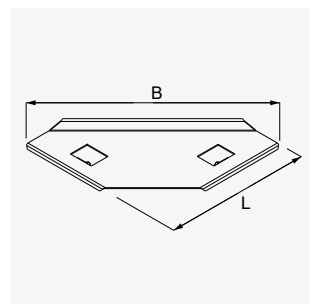
KATBS

T-joint connector plate, sideways

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
KATBS-300S	34	436	300	2.00	1.007
KATBS-500S	34	719	500	2.00	2.633

optional accessories

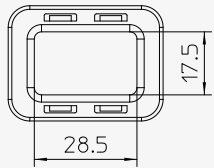
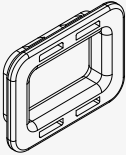
RGV 35	Cable tray side connector, height = 20 mm	86
RGV 60	Cable tray side connector, height = 45 mm	86
RGV 85	Cable tray side connector, height = 70 mm	86
RGV 110	Cable tray side connector, height = 95 mm	87
KATB	T-joint connector plate	96



KSR 35

Cable protection ring

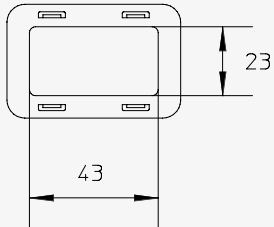
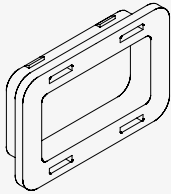
Article	H mm	B mm	G kg
polyethylen			
KSR 35	32	43	0.003



KSR 50

Cable protection ring

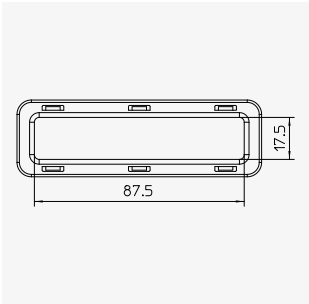
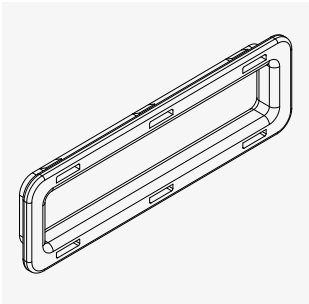
Article	H mm	B mm	G kg
polyethylen			
KSR 50	38	58	0.004



KSR 94

Cable protection ring

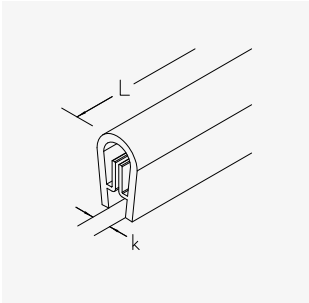
Article	H mm	B mm	G kg
polyethylen			
KSR 94	32	102	0.007



KSB

Edge protection strip

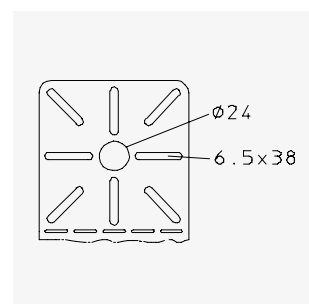
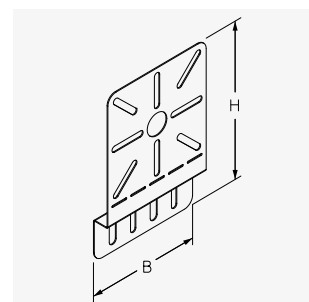
Article	L mm	k mm	colour	G kg
Polyvinyl chloride				
KSB-G	1000	0,5 - 1,5	gray	0.072
KSB-S	1000	0,5 - 1,5	black	0.072
KSB 2-G	1000	0,5 - 2,0	gray	0.090
KSB 4-S	1000	1,0 - 4,0	black	0.140



MP-RG

Mounting plate

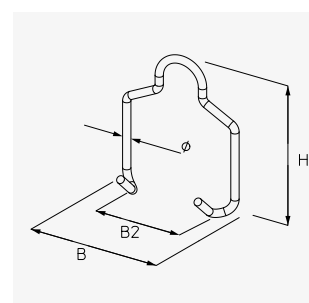
Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
MP-RG 60S	185	120	1.00	0.174
Steel, hot-dip galvanised				
MP-RG 60F	185	120	1.00	0.187
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
MP-RG 60E4	185	120	1.00	0.181



AHB

Suspension bracket

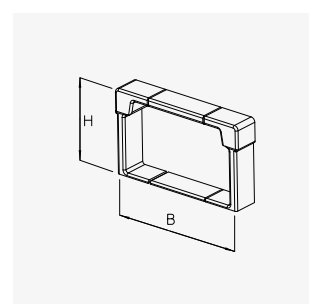
Article	H mm	B mm	B2 mm	Ø mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process						
AHB 05S	80	64	35	4	0.70	0.024
AHB 10S	80	116	85	4	0.70	0.028



SRI 60

Protection cap

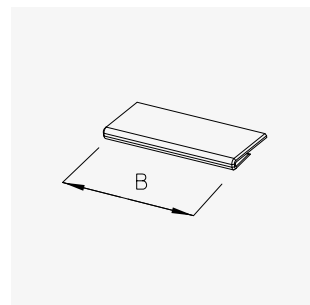
Article	H mm	B mm	G kg
polyamide			
SRI 60-05	60	50	0.014
SRI 60-10	60	100	0.014
SRI 60-15	60	150	0.018
SRI 60-20	60	200	0.023
SRI 60-30	60	300	0.032



SRI-EU

Protection cap

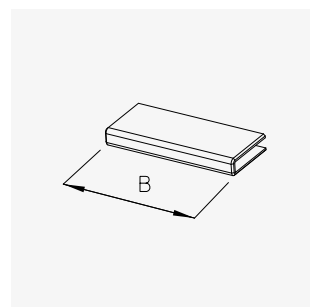
Article	G
	kg
polyamide	
SRI-EU 50	0.002



SRI-EO

Protection cap

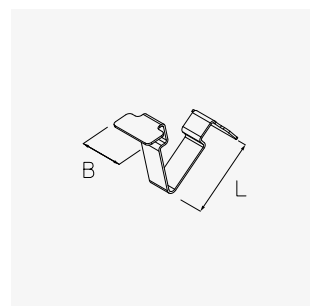
Article	G
	kg
polyamide	
SRI-EO 50	0.003



KLF

Spring clamp fastener

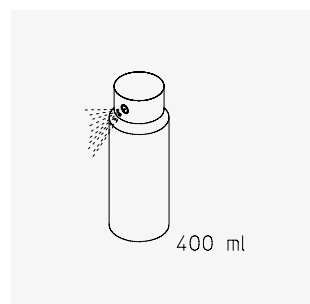
Article	B	L	G
	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
KLF E	12	19	0.001



KZS

Cold zinc spray

Article	G
	kg
KZS	0.403



KZF

Cold zinc paint

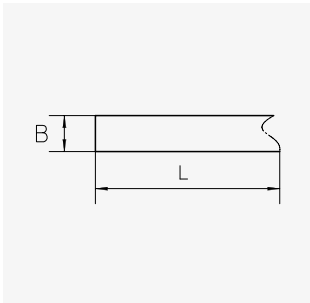
Article	G
	kg
KZF	1.035

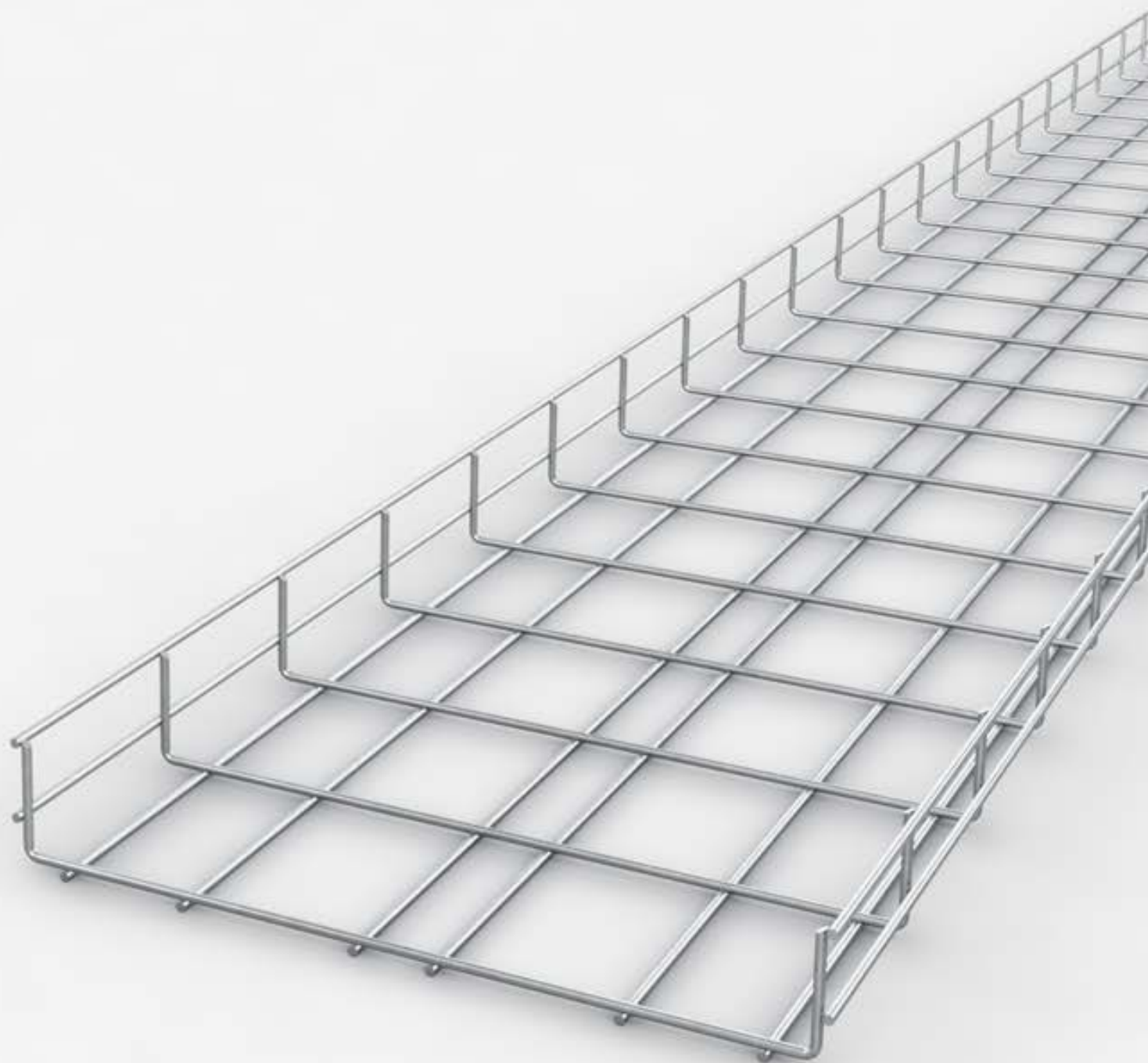


MKB

Adhesive metal strip

Article	t	colour	G
	mm		kg
aluminium			
MKB	0.07	silver	0.444





Mesh Cable Trays	104
Covers	113
Accessories	117

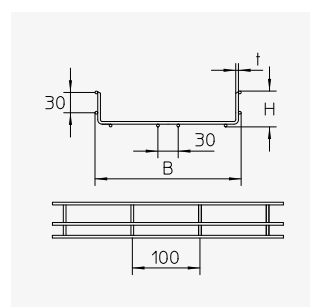
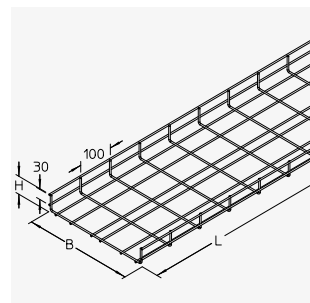
Mesh Cable Trays

G 50

Mesh cable tray, U-shaped, height = 53 mm



Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
G 50-06S	53	76	3004	4.00	25	0.04	2.200
G 50-10S	53	116	3004	4.00	45	0.07	2.370
G 50-15S	53	166	3004	4.00	67	0.10	2.520
G 50-20S	53	216	3004	4.00	90	0.14	3.270
G 50-30S	53	316	3004	4.00	135	0.20	4.170
G 50-40S	54	418	3004	4.50	176	0.26	6.410
G 50-50S	54	518	3004	4.50	220	0.33	7.540
G 50-60S	54	618	3004	4.50	264	0.40	8.680
Steel, hot-dip galvanised							
G 50-06F	53	76	3004	4.00	25	0.04	2.400
G 50-10F	53	116	3004	4.00	45	0.07	2.530
G 50-15F	53	166	3004	4.00	67	0.10	2.700
G 50-20F	53	216	3004	4.00	90	0.14	3.500
G 50-30F	53	316	3004	4.00	135	0.20	4.460
G 50-40F	54	418	3004	4.50	176	0.26	6.850
G 50-50F	54	518	3004	4.50	220	0.33	8.070
G 50-60F	54	618	3004	4.50	264	0.40	9.290
steel, galvanic zinc plated							
G 50-06GV	53	76	3004	4.00	25	0.04	2.240
G 50-10GV	53	116	3004	4.00	45	0.07	2.370
G 50-15GV	53	166	3004	4.00	67	0.10	2.520
G 50-20GV	53	216	3004	4.00	90	0.14	3.270
G 50-30GV	53	316	3004	4.00	135	0.20	4.170
G 50-40GV	54	418	3004	4.50	176	0.26	6.410
G 50-50GV	54	518	3004	4.50	220	0.33	7.540
G 50-60GV	54	618	3004	4.50	264	0.40	8.680



optional accessories

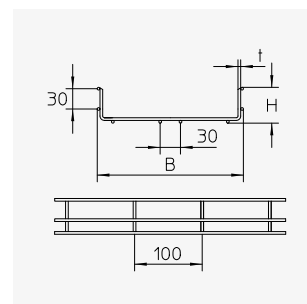
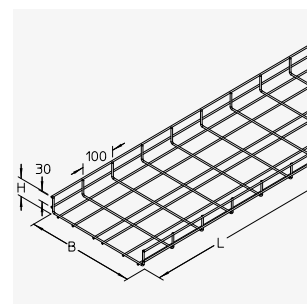
GD	Mesh cable tray cover	113
GDR	Mesh cable tray cover with turning bolts	114
GD-SW	Mesh cable tray storm protection bracket	116
GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GTR 50	Mesh cable tray divider, height = 33 mm	122
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GKAB	Mesh cable tray drop-out plate	124
GVR 4.0	Mesh cable tray snap-in connector	117
GH 6x24	Mounting hooks	119
MKD-L	Connecting link	484

G 50

Mesh cable tray, U-shaped, height = 53 mm



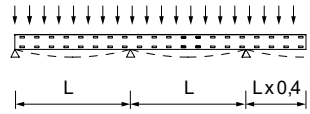
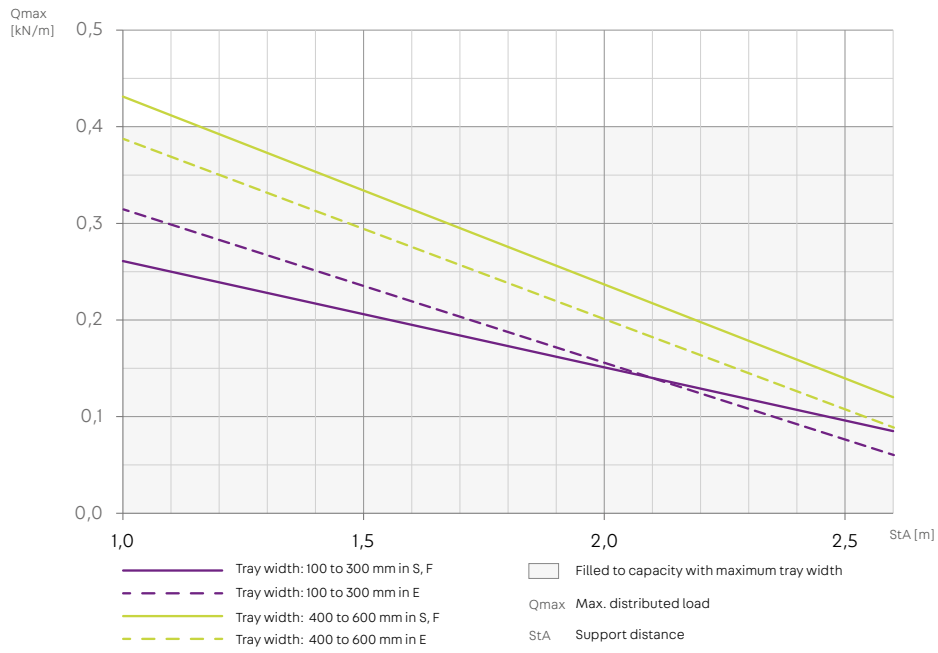
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)							
G 50-06E	53	76	3004	4.00	25	0.04	2.240
G 50-10E	53	116	3004	4.00	45	0.07	2.370
G 50-15E	53	166	3004	4.00	67	0.10	2.520
G 50-20E	53	216	3004	4.00	90	0.14	3.270
G 50-30E	53	316	3004	4.00	135	0.20	4.170
G 50-40E	54	418	3004	4.50	176	0.26	6.460
G 50-50E	54	518	3004	4.50	220	0.33	7.600
G 50-60E	54	618	3004	4.50	264	0.40	8.750
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
G 50-06E4	53	76	3004	4.00	25	0.04	2.200
G 50-10E4	53	116	3004	4.00	45	0.07	2.420
G 50-15E4	53	166	3004	4.00	67	0.10	2.570
G 50-20E4	53	216	3004	4.00	90	0.14	3.340
G 50-30E4	53	316	3004	4.00	135	0.20	4.260
G 50-40E4	54	418	3004	4.50	176	0.26	6.510
G 50-50E4	54	518	3004	4.50	220	0.33	7.660
G 50-60E4	54	618	3004	4.50	264	0.40	8.820



optional accessories

GD	Mesh cable tray cover	113
GDR	Mesh cable tray cover with turning bolts	114
GD-SW	Mesh cable tray storm protection bracket	116
GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GTR 50	Mesh cable tray divider, height = 33 mm	122
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GKAB	Mesh cable tray drop-out plate	124
GVR 4.0	Mesh cable tray snap-in connector	117
GH 6x24	Mounting hooks	119
MKD-L	Connecting link	484

Load diagram G 50



G 100

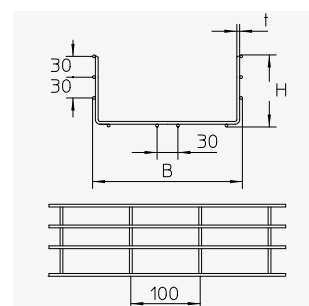
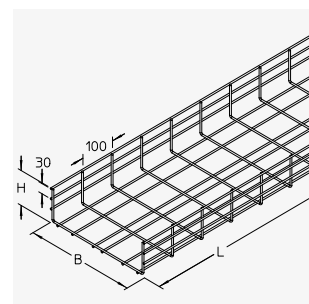
Mesh cable tray, U-shaped, height = 103 mm



Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
G 100-10S	103	116	3004	4.00	95	0.14	3.270
G 100-15S	103	166	3004	4.00	142	0.22	4.020
G 100-20S	103	216	3004	4.00	190	0.29	4.170
G 100-30S	104	318	3004	4.50	282	0.42	6.410
G 100-40S	104	418	3004	4.50	376	0.56	7.540
G 100-50S	104	518	3004	4.50	470	0.71	8.680
G 100-60S	103	618	3000	4.50	564	0.85	9.820
Steel, hot-dip galvanised							
G 100-10F	103	116	3004	4.00	95	0.14	3.500
G 100-15F	103	166	3004	4.00	142	0.22	4.300
G 100-20F	103	216	3004	4.00	190	0.29	4.460
G 100-30F	104	318	3004	4.50	282	0.42	6.850
G 100-40F	104	418	3004	4.50	376	0.56	8.070
G 100-50F	104	518	3004	4.50	470	0.71	9.290
G 100-60F	104	618	3004	4.50	564	0.85	10.510
steel, galvanic zinc plated							
G 100-10GV	103	116	3004	4.00	95	0.14	3.270
G 100-15GV	103	166	3004	4.00	142	0.22	4.020
G 100-20GV	103	216	3004	4.00	190	0.29	4.170
G 100-30GV	104	318	3004	4.50	282	0.42	6.410
G 100-40GV	104	418	3004	4.50	376	0.56	7.540
G 100-50GV	104	518	3004	4.50	470	0.71	8.680
G 100-60GV	104	618	3004	4.50	564	0.85	9.820
Stainless steel, acc. to AISI 304 (BS 304S31)							
G 100-10E	103	116	3004	4.00	95	0.14	3.270
G 100-15E	103	166	3004	4.00	142	0.22	4.020
G 100-20E	103	216	3004	4.00	190	0.29	4.170
G 100-30E	104	318	3004	4.50	282	0.42	6.460
G 100-40E	104	418	3004	4.50	376	0.56	7.600
G 100-50E	104	518	3004	4.50	470	0.71	8.750
G 100-60E	104	618	3004	4.50	564	0.85	9.900

optional accessories

GD	Mesh cable tray cover	113
GDR	Mesh cable tray cover with turning bolts	114
GD-SW	Mesh cable tray storm protection bracket	116
GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GTR 100	Mesh cable tray divider, height = 80 mm	123
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GKAB	Mesh cable tray drop-out plate	124
GVR 4.0	Mesh cable tray snap-in connector	117
GH 6x24	Mounting hooks	119
MKD-L	Connecting link	484

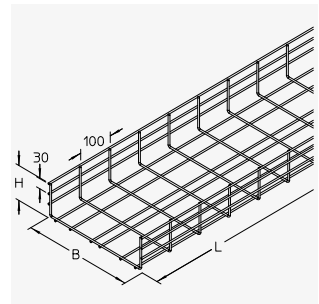


G 100

Mesh cable tray, U-shaped, height = 103 mm

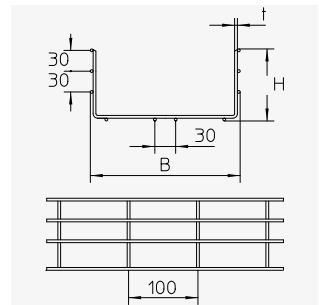


Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
G 100-10E4	103	116	3004	4.00	95	0.14	3.340
G 100-15E4	103	166	3004	4.00	142	0.22	4.100
G 100-20E4	103	216	3004	4.00	190	0.29	4.260
G 100-30E4	104	318	3004	4.50	282	0.42	6.510
G 100-40E4	104	418	3004	4.50	376	0.56	7.660
G 100-50E4	104	518	3004	4.50	470	0.71	8.820
G 100-60E4	104	618	3004	4.50	564	0.85	9.980

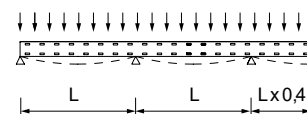
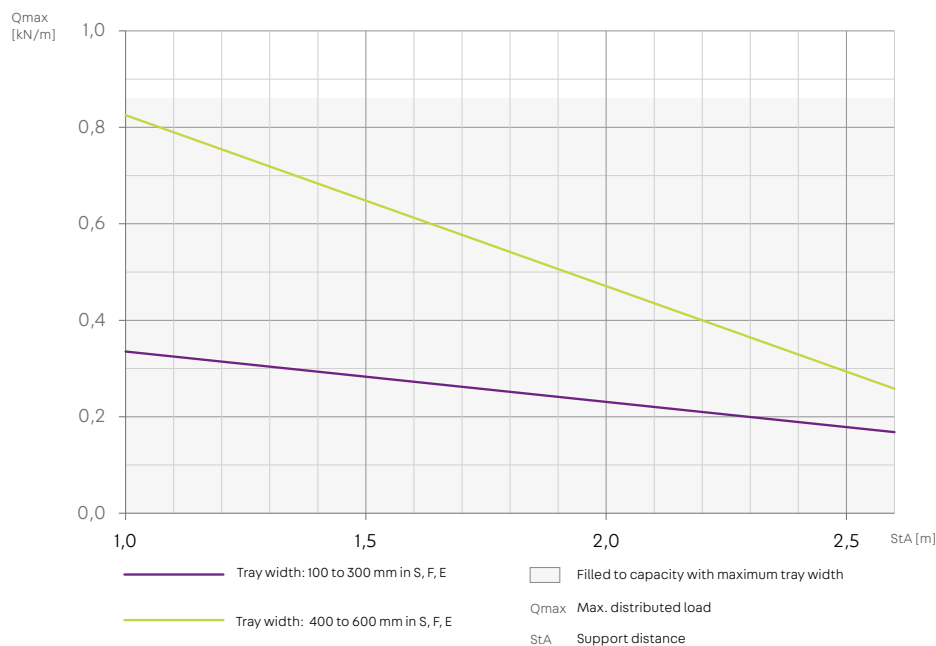


optional accessories

GD	Mesh cable tray cover	113
GDR	Mesh cable tray cover with turning bolts	114
GD-SW	Mesh cable tray storm protection bracket	116
GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GTR 100	Mesh cable tray divider, height = 80 mm	123
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GKAB	Mesh cable tray drop-out plate	124
GVR 4.0	Mesh cable tray snap-in connector	117
GH 6x24	Mounting hooks	119
MKD-L	Connecting link	484



Load diagram G 100



GI

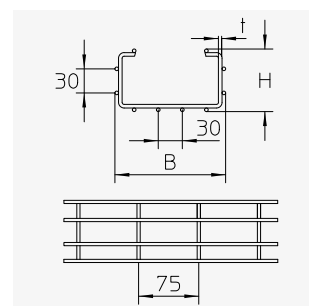
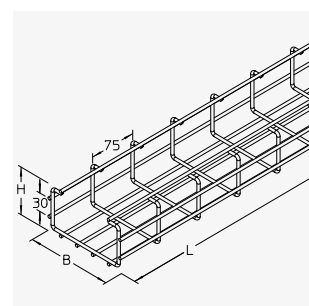
Mesh cable tray, C-shaped, height = 75 mm



Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
GI 06S	75	76	3000	4.50	33	0.05	4.100
GI 12S	75	136	3000	4.50	67	0.10	5.160
GI 20S	75	216	3000	4.50	113	0.17	5.570
GI 30S	75	316	3000	4.50	165	0.25	6.840

optional accessories

GID	Mesh cable tray cover	115
GIDR	Mesh cable tray cover with turning bolts	115
GID-SW	Mesh cable tray storm protection bracket	116
GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GTR 60	Mesh cable tray divider, height = 50 mm	123
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GKAB	Mesh cable tray drop-out plate	124
GH 6x24	Mounting hooks	119
MKD-L	Connecting link	484

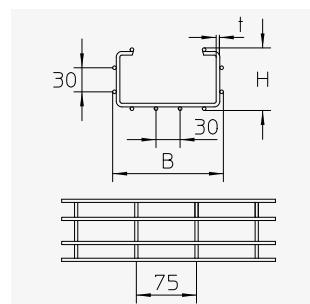
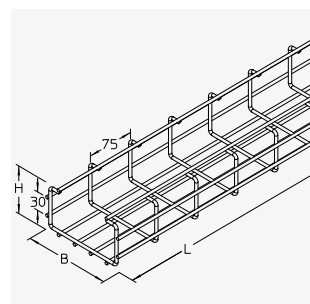


GI

Mesh cable tray, C-shaped, height = 75 mm



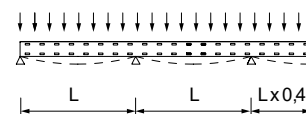
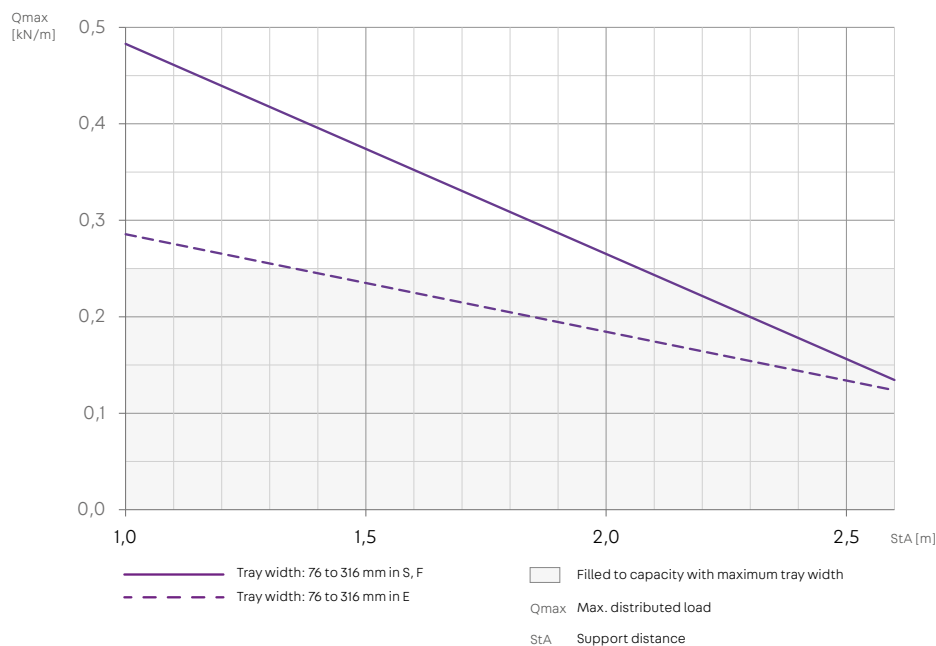
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, hot-dip galvanised							
GI 06F	75	76	3000	4.50	33	0.05	4.390
GI 12F	75	136	3000	4.50	67	0.10	5.520
GI 20F	75	216	3000	4.50	113	0.17	5.960
GI 30F	75	316	3000	4.50	165	0.25	7.310
steel, galvanic zinc plated							
GI 06GV	75	76	3000	4.50	33	0.05	4.100
GI 12GV	75	136	3000	4.50	67	0.10	5.160
GI 20GV	75	216	3000	4.50	113	0.17	5.570
GI 30GV	75	316	3000	4.50	165	0.25	6.840
Stainless steel, acc. to AISI 304 (BS 304S31)							
GI 06E	75	76	3000	4.50	33	0.05	4.140
GI 12E	75	136	3000	4.50	67	0.10	5.200
GI 20E	75	216	3000	4.50	113	0.17	5.620
GI 30E	75	316	3000	4.50	165	0.25	6.890
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
GI 06E4	75	76	3000	4.50	33	0.05	4.170
GI 12E4	75	136	3000	4.50	67	0.10	5.250
GI 20E4	75	216	3000	4.50	113	0.17	5.660
GI 30E4	75	316	3000	4.50	165	0.25	6.950



optional accessories

GID	Mesh cable tray cover	115
GIDR	Mesh cable tray cover with turning bolts	115
GID-SW	Mesh cable tray storm protection bracket	116
GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GTR 60	Mesh cable tray divider, height = 50 mm	123
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GKAB	Mesh cable tray drop-out plate	124
GH 6x24	Mounting hooks	119
MKD-L	Connecting link	484

Load diagram GI



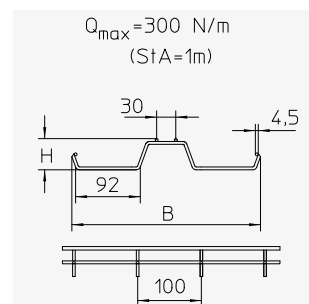
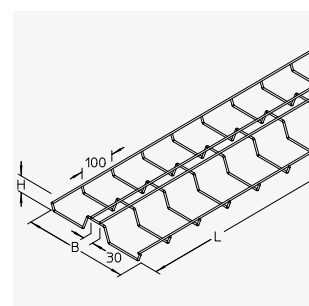
GTD 30

Mesh cable tray, W-shaped, height = 50 mm

Article	H mm	B mm	L mm	t mm	A cm ²	Q _{sk} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
GTD 30S	50	300	3000	4.50	85	0.13	3.010
Steel, hot-dip galvanised							
GTD 30F	50	300	3000	4.50	85	0.13	3.220
steel, galvanic zinc plated							
GTD 30GV	50	300	3000	4.50	85	0.13	3.010
Stainless steel, acc. to AISI 304 (BS 304S31)							
GTD 30E	50	300	3000	4.50	85	0.13	3.030

optional accessories

GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GKAB	Mesh cable tray drop-out plate	124
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GH 6x24	Mounting hooks	119

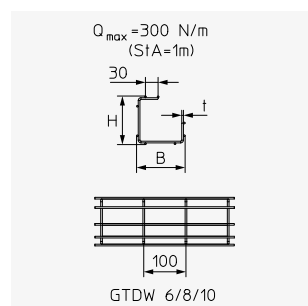
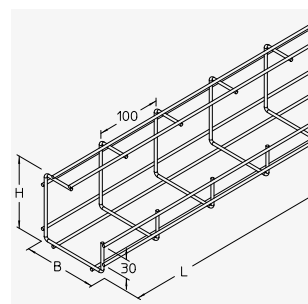


GTDW

Mesh cable tray, G-shaped



Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
GTDW 6S	44	75	3000	4.00	17	0.02	2.260
GTDW 8S	64	95	3000	4.00	38	0.06	2.380
GTDW 10S	115	115	3000	4.00	98	0.15	3.280
GTDW 13S	54	149	3000	4.50	54	0.08	1.600
Steel, hot-dip galvanised							
GTDW 6F	44	75	3000	4.00	17	0.02	2.410
GTDW 8F	64	95	3000	4.00	38	0.06	2.550
GTDW 10F	115	115	3000	4.00	98	0.15	3.510
GTDW 13F	54	149	3000	4.50	54	0.08	1.370
steel, galvanic zinc plated							
GTDW 6GV	44	75	3000	4.00	17	0.02	2.260
GTDW 8GV	64	95	3000	4.00	38	0.06	2.380
GTDW 10GV	115	115	3000	4.00	98	0.15	3.280
GTDW 13GV	54	149	3000	4.50	54	0.08	1.280
Stainless steel, acc. to AISI 304 (BS 304S31)							
GTDW 6E	44	75	3000	4.00	17	0.02	2.260
GTDW 8E	64	95	3000	4.00	38	0.06	2.380
GTDW 10E	115	115	3000	4.00	98	0.15	3.280
GTDW 13E	54	149	3000	4.50	54	0.08	1.280
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
GTDW 8E4	64	95	3000	4.00	38	0.06	2.430
GTDW 10E4	115	115	3000	4.00	98	0.15	3.200



optional accessories

GV 30	Mesh cable tray universal connector	117
GVD 30	Mesh cable tray universal connector	117
GV-L 30	Mesh cable tray universal connector	118
GVU	Mesh cable tray universal connector	118
GVK	Mesh cable tray connector clamping piece	119
GKAB	Mesh cable tray drop-out plate	124
MP-G	Mounting plate	124
MP-G90	Mounting plate 90°	125
KLU	Clamp fastening set	119, 481
GH 6x24	Mounting hooks	119
MKD-L	Connecting link	484

Covers

GD

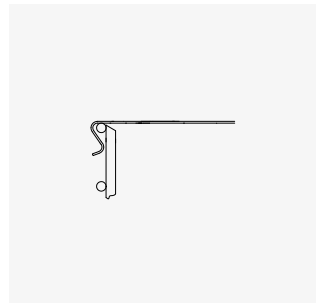
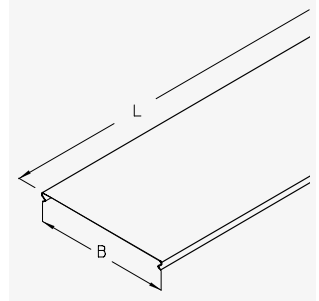
Mesh cable tray cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
GD 06S	77	3000	0.75	1.960
GD 10S	117	3000	0.75	2.670
GD 20S	217	3000	0.75	4.430
GD 30S	317	3000	1.00	8.270
GD 40S	417	3000	1.00	10.620
GD 50S	517	3000	1.25	16.250
GD 60S	617	3000	1.25	19.190
Steel, hot-dip galvanised				
GD 06F	77	3000	0.75	2.100
GD 10F	117	3000	0.75	2.850
GD 20F	217	3000	0.75	4.740
GD 30F	317	3000	1.00	8.840
GD 40F	417	3000	1.00	11.360
GD 50F	517	3000	1.25	17.390
GD 60F	617	3000	1.25	20.540
Stainless steel, acc. to AISI 304 (BS 304S31)				
GD 06E	77	3000	0.80	2.100
GD 10E	117	3000	0.80	2.860
GD 20E	217	3000	0.80	4.760
GD 30E	317	3000	1.00	8.320
GD 40E	417	3000	1.00	10.690
GD 50E	517	3000	1.25	16.350
GD 60E	617	3000	1.25	19.320

optional accessories

GD-SW Mesh cable tray storm protection bracket

116



GDR

Mesh cable tray cover with turning bolts

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
GDR 06S	77	3000	0.75	2.080
GDR 10S	117	3000	0.75	2.790
GDR 20S	217	3000	0.75	4.550
GDR 30S	317	3000	1.00	8.390
GDR 40S	417	3000	1.00	10.740
GDR 50S	517	3000	1.25	16.370
GDR 60S	617	3000	1.25	19.310
Steel, hot-dip galvanised				
GDR 06F	77	3000	0.75	2.210
GDR 10F	117	3000	0.75	2.960
GDR 20F	217	3000	0.75	4.850
GDR 30F	317	3000	1.00	8.950
GDR 40F	417	3000	1.00	11.470
GDR 50F	517	3000	1.25	17.500
GDR 60F	617	3000	1.25	20.650
Stainless steel, acc. to AISI 304 (BS 304S31)				
GDR 06E	77	3000	0.80	2.210
GDR 10E	117	3000	0.80	2.970
GDR 20E	217	3000	0.80	4.870
GDR 30E	317	3000	1.00	8.430
GDR 40E	417	3000	1.00	10.800
GDR 50E	517	3000	1.25	16.460
GDR 60E	617	3000	1.25	19.430

optional accessories

GD-SW Mesh cable tray storm protection bracket 116

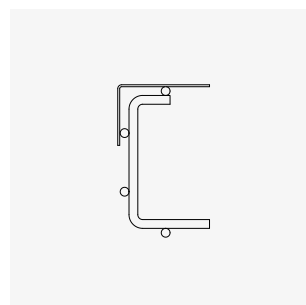
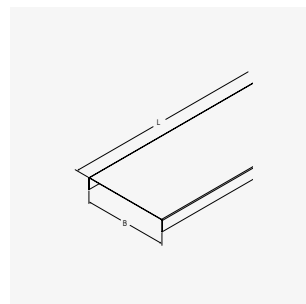
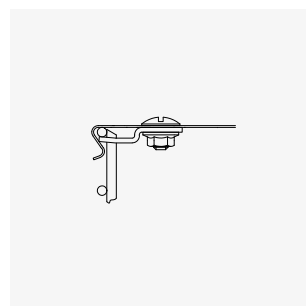
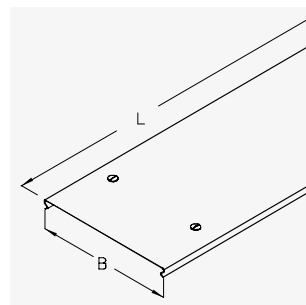
GID

Mesh cable tray cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
GID 06S	77	3000	1.00	3.247
GID 12S	137	3000	1.00	4.660
GID 20S	217	3000	1.00	6.550
GID 30S	317	3000	1.00	8.910
Steel, hot-dip galvanised				
GID 06F	77	3000	1.00	3.474
GID 12F	137	3000	1.00	4.990
GID 20F	217	3000	1.00	7.000
GID 30F	317	3000	1.00	9.530

optional accessories

GID-SW Mesh cable tray storm protection bracket 116



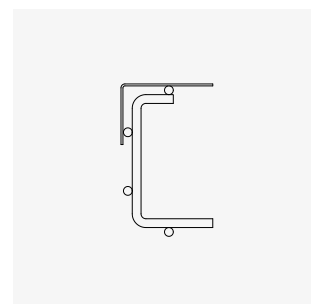
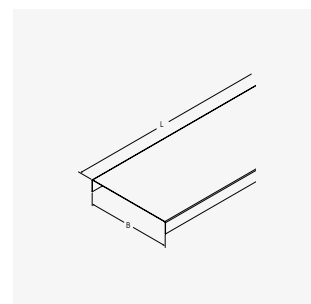
GID

Mesh cable tray cover

Article	B mm	L mm	t mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
GID 06E	77	3000	1.00	3.268
GID 12E	137	3000	1.00	4.690
GID 20E	217	3000	1.00	6.590
GID 30E	317	3000	1.00	8.960

optional accessories

GID-SW	Mesh cable tray storm protection bracket	116
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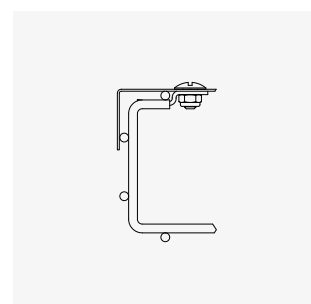
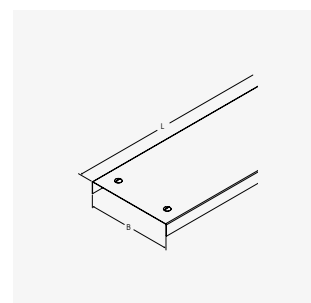
GIDR

Mesh cable tray cover with turning bolts

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
GIDR 06S	79	3000	1.00	3.361
GIDR 12S	137	3000	1.00	4.770
GIDR 20S	217	3000	1.00	6.660
GIDR 30S	317	3000	1.00	9.020
Steel, hot-dip galvanised				
GIDR 06F	79	3000	1.00	3.588
GIDR 12F	137	3000	1.00	5.100
GIDR 20F	217	3000	1.00	7.110
GIDR 30F	317	3000	1.00	9.640
Stainless steel, acc. to AISI 304 (BS 304S31)				
GIDR 06E	79	3000	1.00	3.382
GIDR 12E	137	3000	1.00	4.800
GIDR 20E	217	3000	1.00	6.700
GIDR 30E	317	3000	1.00	9.070

optional accessories

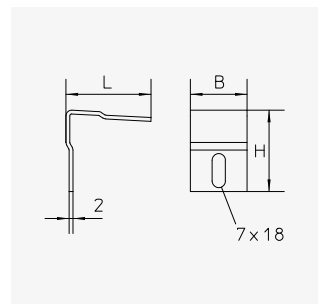
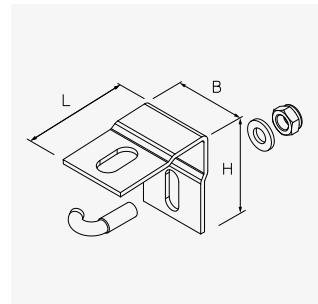
GID-SW	Mesh cable tray storm protection bracket	116
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GD-SW

Mesh cable tray storm protection bracket

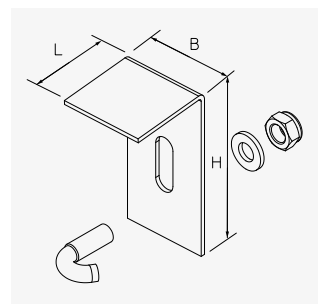
Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
GD-SW F	46	30	30	0.048
Stainless steel, acc. to AISI 304 (BS 304S31)				
GD-SW E	46	30	30	0.046



GID-SW

Mesh cable tray storm protection bracket

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
GID-SW F	46	30	30	0.042
Stainless steel, acc. to AISI 304 (BS 304S31)				
GID-SW E	46	30	30	0.040

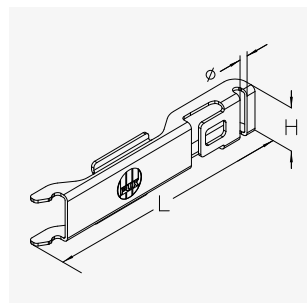


Accessories

GVR 4.0

Mesh cable tray snap-in connector

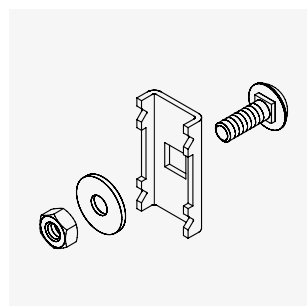
Article	H mm	L mm	Ø mm	G kg
Steel, pre-galvanised/Sendzimir process				
GVR 4.0S	26	131	4.0	0.053
Stainless steel, acc. to AISI 304 (BS 304S31)				
GVR 4.0E	26	131	4.0	0.053
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
GVR 4.0E4	26	131	4.0	0.054



GV 30

Mesh cable tray universal connector

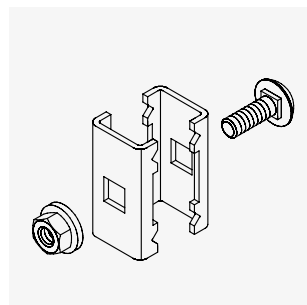
Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
GV 30S	41	22	0.040
Steel, hot-dip galvanised			
GV 30F	41	22	0.040
steel, galvanic zinc plated			
GV 30GV	41	22	0.040
Stainless steel, acc. to AISI 304 (BS 304S31)			
GV 30E	41	22	0.039
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
GV 30E4	41	22	0.040



GVD 30

Mesh cable tray universal connector

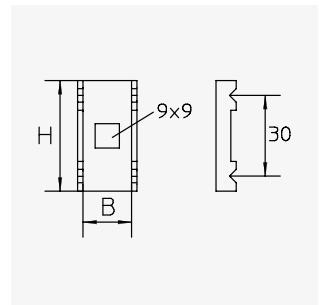
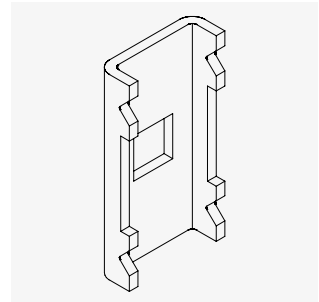
Article	H mm	B mm	G kg
Steel, pre-galvanised/Sendzimir process			
GVD 30S	41	22	0.055
Steel, hot-dip galvanised			
GVD 30F	41	22	0.054
steel, galvanic zinc plated			
GVD 30GV	41	22	0.055
Stainless steel, acc. to AISI 304 (BS 304S31)			
GVD 30E	41	22	0.052
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
GVD 30E4	41	22	0.052



GV-L 30

Mesh cable tray universal connector

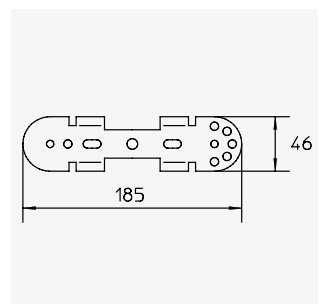
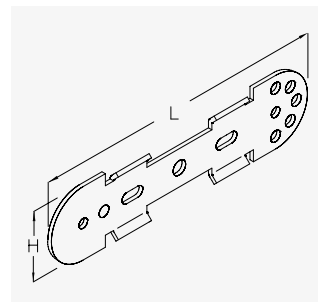
Article	H mm	B mm	G kg
Steel, hot-dip galvanised			
GV-L 30F	41	22	0.017
steel, galvanic zinc plated			
GV-L 30GV	41	22	0.017
Stainless steel, acc. to AISI 304 (BS 304S31)			
GV-L 30E	41	22	0.016
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
GV-L 30E4	41	22	0.016



GVU

Mesh cable tray universal connector

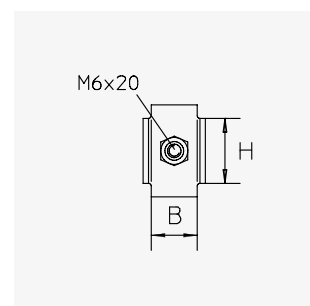
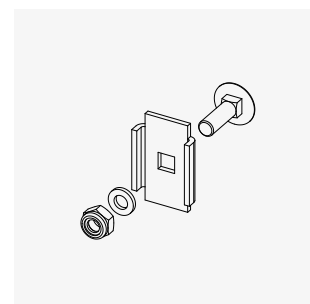
Article	H mm	L mm	t mm	G kg
Steel, hot-dip galvanised				
GVU F	46	185	2.00	0.133
Stainless steel, acc. to AISI 304 (BS 304S31)				
GVU E	46	185	2.00	0.098
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
GVU E4	46	185	2.00	0.098



GVK

Mesh cable tray connector clamping piece

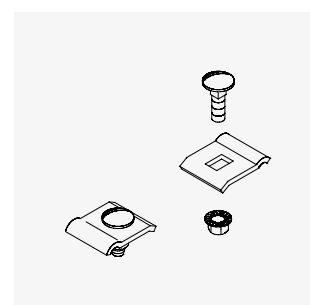
Article	H mm	B mm	G kg
Steel, hot-dip galvanised			
GVK F	35	23	0.020
Stainless steel, acc. to AISI 304 (BS 304S31)			
GVK E	35	23	0.019
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
GVK E4	35	23	0.021



KLU

Clamp fastening set

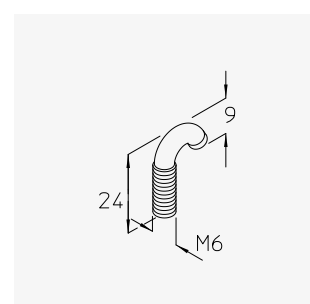
Article	G kg
Steel, pre-galvanised/Sendzimir process	
KLU	0.046
Steel, hot-dip galvanised	
KLU F	0.048
steel, galvanic zinc plated	
KLU GV	0.044
Stainless steel, acc. to AISI 304 (BS 304S31)	
KLU E	0.046
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
KLU E4	0.046



GH 6x24

Mounting hooks

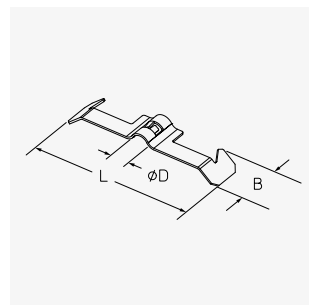
Article	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)	
GH 6X24E	0.006



GK-A

Mesh cable tray clamp

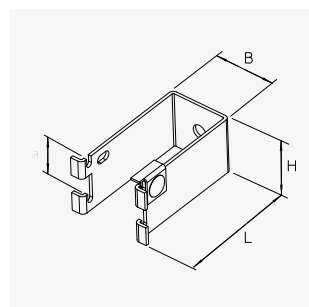
Article	B mm	L mm	G kg
zinc flake coating			
GK-A	16	74	0.001



GBH 30

Spacer bracket for mesh cable tray grid size 30

Article	H mm	B mm	L mm	a mm	G kg
Steel, pre-galvanised/Sendzimir process					
GBH 30S	45	50	100	30	0.228
Steel, hot-dip galvanised					
GBH 30F	45	50	100	30	0.235
Stainless steel, acc. to AISI 304 (BS 304S31)					
GBH 30E	45	50	100	30	0.230



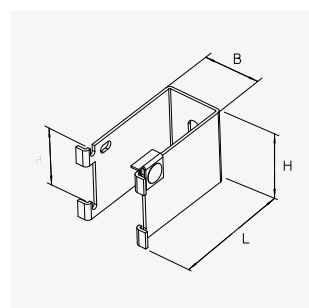
optional accessories

SD	Expansion anchor	487
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GBH 50

Spacer bracket for mesh cable tray grid size 50

Article	H mm	B mm	L mm	a mm	G kg
Steel, pre-galvanised/Sendzimir process					
GBH 50S	65	50	100	50	0.312
Steel, hot-dip galvanised					
GBH 50F	65	50	100	50	0.329
Stainless steel, acc. to AISI 304 (BS 304S31)					
GBH 50E	65	50	100	50	0.315



optional accessories

SD	Expansion anchor	487
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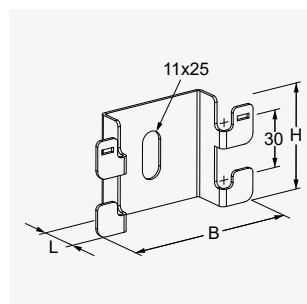
GBHK 30

Short spacer bracket for mesh cable tray grid size 30

Article	H mm	B mm	L mm	a mm	G kg
Steel, pre-galvanised/Sendzimir process					
GBHK 30S	55	94	21	30	0.066
Stainless steel, acc. to AISI 304 (BS 304S31)					
GBHK 30E	55	94	21	30	0.067

optional accessories

SD Expansion anchor 487



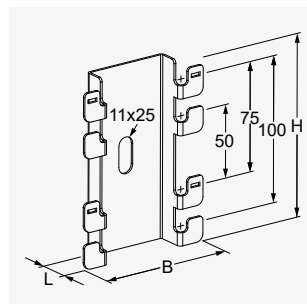
GBHK 50

Short spacer bracket for mesh cable tray grid size 30

Article	H mm	B mm	L mm	a mm	G kg
Steel, pre-galvanised/Sendzimir process					
GBHK 50S	125	94	21	50/75/100	0.150
Stainless steel, acc. to AISI 304 (BS 304S31)					
GBHK 50E	125	94	21	50/75/100	0.156

optional accessories

SD Expansion anchor 487



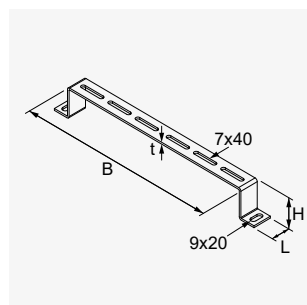
HB 50

Stand-off bracket

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
HB 50-010S	50	118	30	3.00	0.160
HB 50-020S	50	218	30	3.00	0.218
HB 50-030S	50	318	30	3.00	0.289
HB 50-040S	50	418	40	3.00	0.501
HB 50-050S	50	518	40	3.00	0.598
HB 50-060S	50	618	40	3.00	0.695
Steel, hot-dip galvanised					
HB 50-010F	50	118	30	3.00	0.171
HB 50-020F	50	218	30	3.00	0.233
HB 50-030F	50	318	30	3.00	0.309
HB 50-040F	50	418	40	3.00	0.536
HB 50-050F	50	518	40	3.00	0.640
HB 50-060F	50	618	40	3.00	0.744

optional accessories

SD Expansion anchor 487
GH 6x24 Mounting hooks 119
KLR Clamp fastening set 477
KLF Spring clamp fastener 100,478



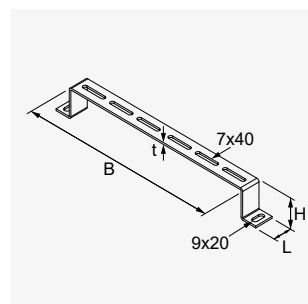
HB 50

Stand-off bracket

Article	H mm	B mm	L mm	t mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
HB 50-010E	50	118	30	3.00	0.163
HB 50-020E	50	218	30	3.00	0.222
HB 50-030E	50	318	30	3.00	0.295
HB 50-040E	50	418	40	3.00	0.511
HB 50-050E	50	518	40	3.00	0.610
HB 50-060E	50	618	40	3.00	0.709

optional accessories

SD	Expansion anchor	487
GH 6x24	Mounting hooks	119
KLR	Clamp fastening set	477
KLF	Spring clamp fastener	100,478



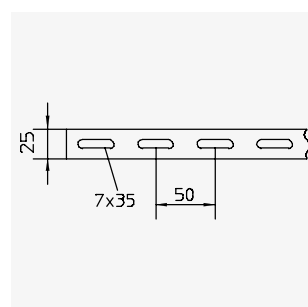
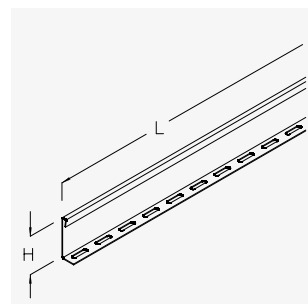
GTR 50

Mesh cable tray divider, height = 33 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
GTR 50S	33	3000	1.240
Steel, hot-dip galvanised			
GTR 50F	33	3000	1.752
Stainless steel, acc. to AISI 304 (BS 304S31)			
GTR 50E	33	3000	1.639
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
GTR 50E4	33	3000	1.659

optional accessories

G 50	Mesh cable tray, U-shaped, height = 53 mm	105
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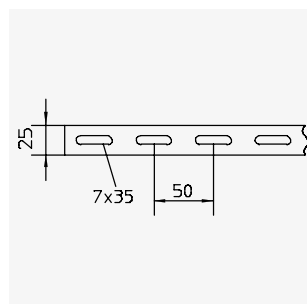
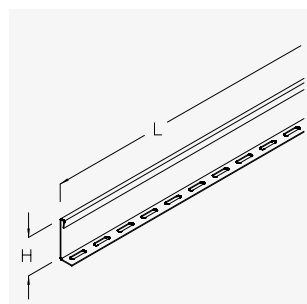
GTR 60

Mesh cable tray divider, height = 50 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
GTR 60S	50	3000	1.576
Steel, hot-dip galvanised			
GTR 60F	50	3000	1.682
Stainless steel, acc. to AISI 304 (BS 304S31)			
GTR 60E	50	3000	2.091
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
GTR 60E4	33	3000	2.116

optional accessories

GI Mesh cable tray, C-shaped, height = 75 mm 110



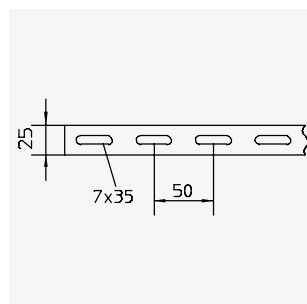
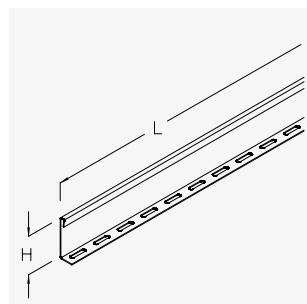
GTR 100

Mesh cable tray divider, height = 80 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
GTR 100S	80	3000	2.106
Steel, hot-dip galvanised			
GTR 100F	80	3000	2.252
Stainless steel, acc. to AISI 304 (BS 304S31)			
GTR 100E	80	3000	2.802

optional accessories

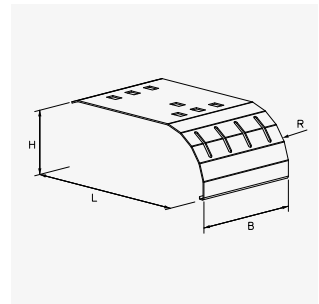
G 100 Mesh cable tray, U-shaped, height = 103 mm 107



GKAB

Mesh cable tray drop-out plate

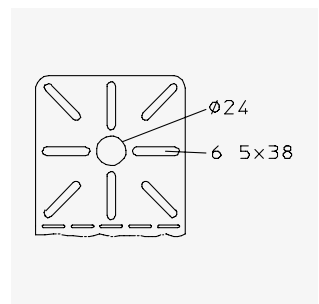
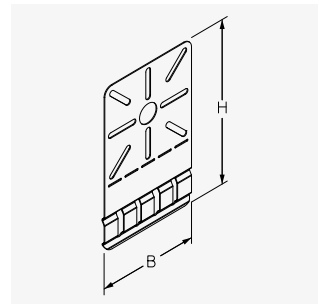
Article	H	B	L	t	R	G
	mm	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process						
GKAB S	55	94	150	1.00	45	0.179



MP-G

Mounting plate

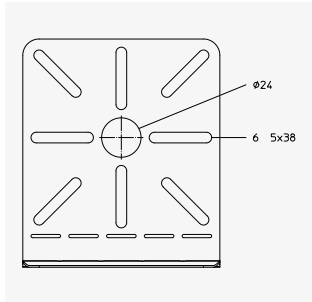
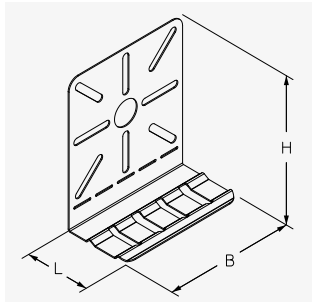
Article	H	B	t	G
	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process				
MP-G 50S	198	120	1.00	0.165
Steel, hot-dip galvanised				
MP-G 50F	198	120	1.00	0.175
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
MP-G 50E4	198	120	1.00	0.164



MP-G90

Mounting plate 90°

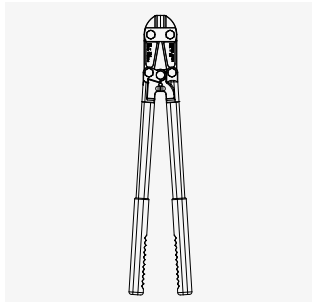
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
MP-G90 50S	139	120	61	1.00	0.195
Steel, hot-dip galvanised					
MP-G90 50F	139	120	61	1.00	0.206
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
MP-G90 50E4	139	120	61	1.00	0.195



BBS

40° bolt flush cutter

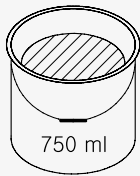
Article	G kg
without material assignment	
BS	1.960



KZF

Cold zinc paint

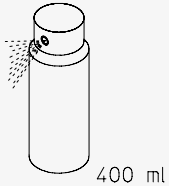
Article	G
	kg
KZF	1.035

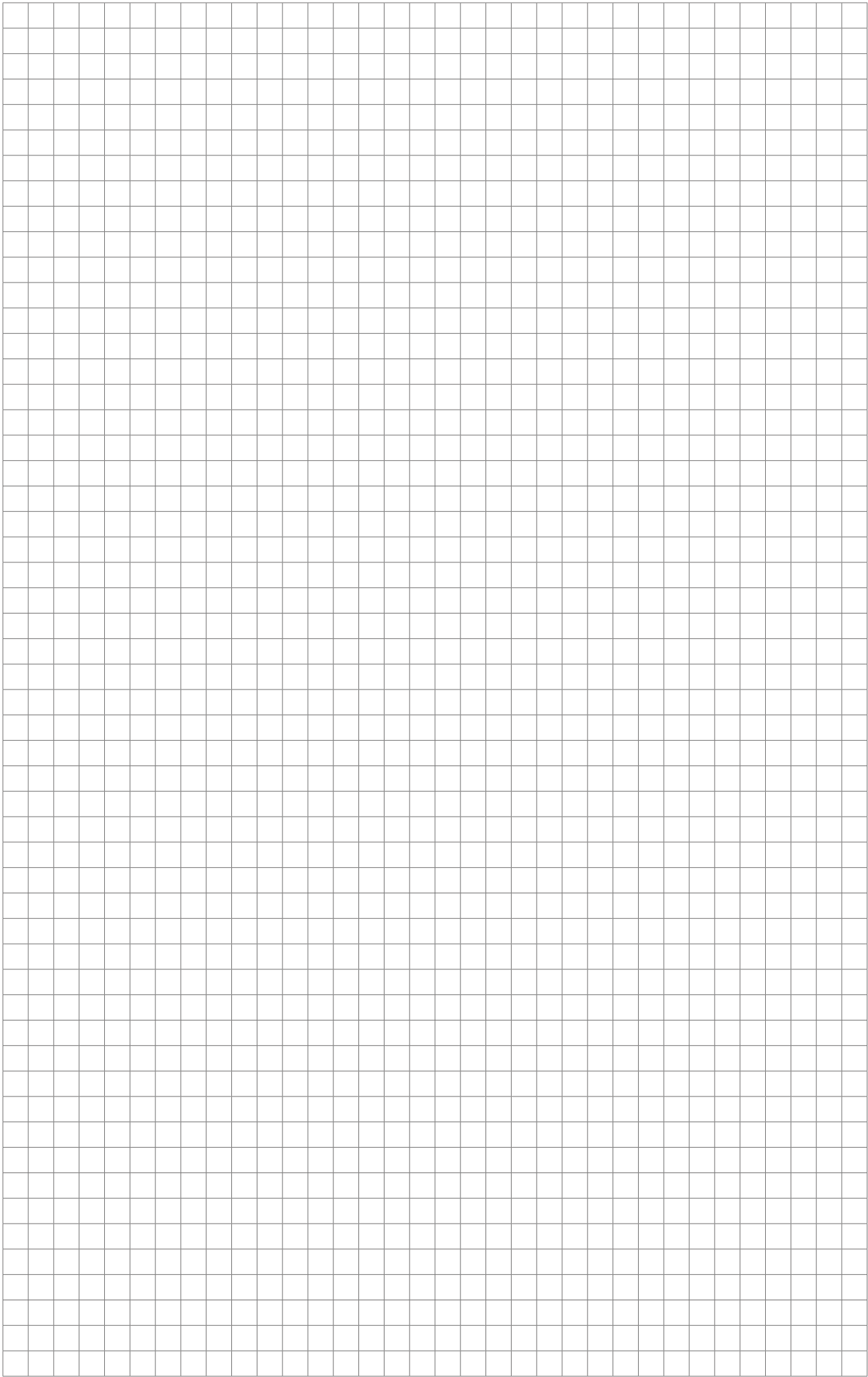


KZS

Cold zinc spray

Article	G
	kg
KZS	0.403







Cable Ladders

Cable Ladders	130
Formed Parts	140
Covers	146
Accessories	151



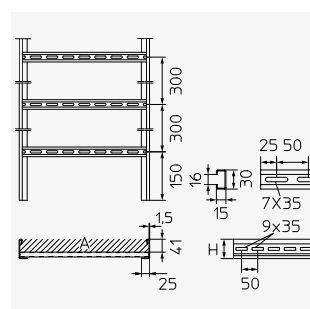
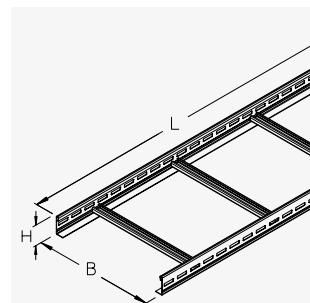
Cable Ladders

LGG 60

Cable ladder, L profile, height = 60 mm



Article	H mm	B mm	L mm	A cm ²	Q _{LK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process						
LGG 60-20-3S	60	200	3000	81	0.23	7.920
LGG 60-30-3S	60	300	3000	122	0.34	8.610
LGG 60-40-3S	60	400	3000	162	0.45	9.300
LGG 60-50-3S	60	500	3000	203	0.57	9.980
LGG 60-60-3S	60	600	3000	243	0.68	10.670
LGG 60-20S	60	200	6000	81	0.23	15.840
LGG 60-30S	60	300	6000	122	0.34	17.200
LGG 60-40S	60	400	6000	162	0.45	18.570
LGG 60-50S	60	500	6000	203	0.57	19.940
LGG 60-60S	60	600	6000	243	0.68	21.310
Steel, hot-dip galvanised						
LGG 60-20-3F	60	200	3000	81	0.23	8.480
LGG 60-30-3F	60	300	3000	122	0.34	9.210
LGG 60-40-3F	60	400	3000	162	0.45	9.950
LGG 60-50-3F	60	500	3000	203	0.57	10.680
LGG 60-60-3F	60	600	3000	243	0.68	11.420
LGG 60-20F	60	200	6000	81	0.23	16.950
LGG 60-30F	60	300	6000	122	0.34	18.420
LGG 60-40F	60	400	6000	162	0.45	19.890
LGG 60-50F	60	500	6000	203	0.57	21.340
LGG 60-60F	60	600	6000	243	0.68	22.800
Stainless steel, acc. to AISI 304 (BS 304S31)						
LGG 60-20-3E	60	200	3000	81	0.23	7.897
LGG 60-30-3E	60	300	3000	122	0.34	8.592
LGG 60-40-3E	60	400	3000	162	0.45	9.277
LGG 60-50-3E	60	500	3000	203	0.57	9.977
LGG 60-60-3E	60	600	3000	243	0.68	10.632
LGG 60-20E	60	200	6000	81	0.23	15.950
LGG 60-30E	60	300	6000	122	0.34	17.330
LGG 60-40E	60	400	6000	162	0.45	18.710
LGG 60-50E	60	500	6000	203	0.57	20.090
LGG 60-60E	60	600	6000	243	0.68	21.470



optional accessories

LGIB 60	Cable ladder internal bend, height = 60 mm	140
LGAB 60	Cable ladder external bend, height = 60 mm	141
LGAA 60	Cable ladder add-on tee, height = 60 mm	144
LGA 60	Cable ladder tee, height = 60 mm	143
LGK 60	Cable ladder crossing, height = 60 mm	145
LGVB 60	Cable ladder vertical bend, height = 60 mm	142
LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVH 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVV 60	Cable ladder connector, vertical, height = 60 mm	153
LGTR 60	Cable ladder divider, height = 33 mm	155, 244
SL 60	Protection cap	160, 246
LGKAB	Cable ladder drop-out plate	158
H	Cable clamp for fastening to C profile rails	242, 337
LD	Cable ladder cover	146
LDR	Cable ladder cover with turnbuckles	147

LGG 60

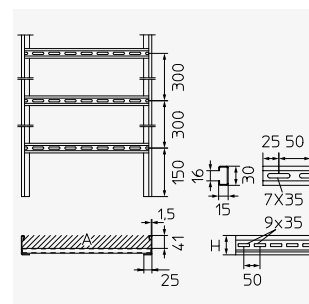
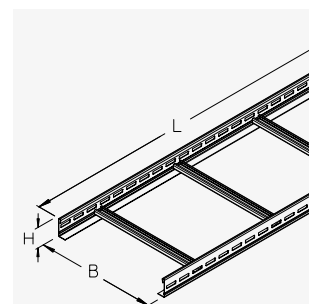
Cable ladder, L profile, height = 60 mm



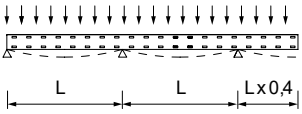
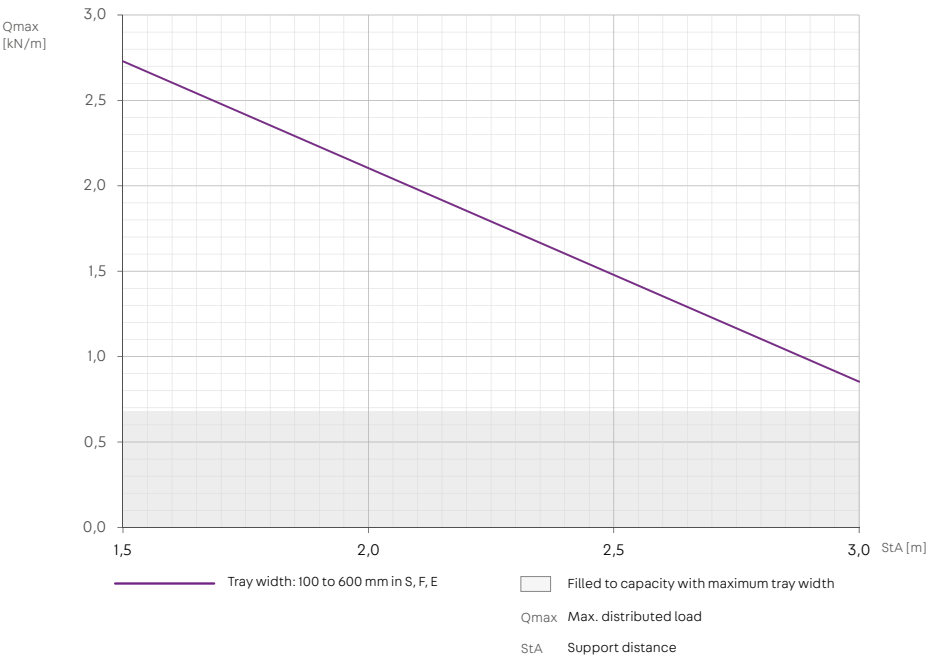
Article	H mm	B mm	L mm	A cm ²	Q _{LK} kN/m	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)						
LGG 60-20-3E4	60	200	3000	81	0.23	7.970
LGG 60-30-3E4	60	300	3000	122	0.34	8.660
LGG 60-40-3E4	60	400	3000	162	0.45	9.340
LGG 60-50-3E4	60	500	3000	203	0.57	10.030
LGG 60-60-3E4	60	600	3000	243	0.68	10.720
LGG 60-20E4	60	200	6000	81	0.23	15.950
LGG 60-30E4	60	300	6000	122	0.34	17.330
LGG 60-40E4	60	400	6000	162	0.45	18.710
LGG 60-50E4	60	500	6000	203	0.57	20.090
LGG 60-60E4	60	600	6000	243	0.68	21.470

optional accessories

LGIB 60	Cable ladder internal bend, height = 60 mm	140
LGAB 60	Cable ladder external bend, height = 60 mm	141
LGAA 60	Cable ladder add-on tee, height = 60 mm	144
LGA 60	Cable ladder tee, height = 60 mm	143
LGK 60	Cable ladder crossing, height = 60 mm	145
LGVB 60	Cable ladder vertical bend, height = 60 mm	142
LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVH 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVV 60	Cable ladder connector, vertical, height = 60 mm	153
LGTR 60	Cable ladder divider, height = 33 mm	155, 244
SL 60	Protection cap	160, 246
LGKAB	Cable ladder drop-out plate	158
H	Cable clamp for fastening to C profile rails	242, 337
LD	Cable ladder cover	146
LDR	Cable ladder cover with turnbuckles	147



Load diagram LGG 60



LGG 100

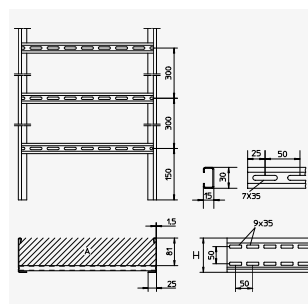
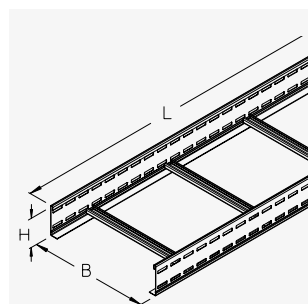
Cable ladder, L profile, height = 100 mm



Article	H mm	B mm	L mm	A cm ²	Q _{LK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process						
LGG 100-20-3S	100	200	3000	161	0.45	10.340
LGG 100-30-3S	100	300	3000	242	0.68	11.030
LGG 100-40-3S	100	400	3000	322	0.9	11.720
LGG 100-50-3S	100	500	3000	403	1.13	12.400
LGG 100-60-3S	100	600	3000	483	1.35	13.090
LGG 100-20S	100	200	6000	161	0.45	20.680
LGG 100-30S	100	300	6000	242	0.68	22.060
LGG 100-40S	100	400	6000	322	0.9	23.440
LGG 100-50S	100	500	6000	403	1.13	24.800
LGG 100-60S	100	600	6000	483	1.35	26.180
Steel, hot-dip galvanised						
LGG 100-20-3F	100	200	3000	161	0.45	10.060
LGG 100-30-3F	100	300	3000	242	0.68	11.800
LGG 100-40-3F	100	400	3000	322	0.9	12.540
LGG 100-50-3F	100	500	3000	403	1.13	13.270
LGG 100-60-3F	100	600	3000	483	1.35	14.010
LGG 100-20F	100	200	6000	161	0.45	22.130
LGG 100-30F	100	300	6000	242	0.68	23.600
LGG 100-40F	100	400	6000	322	0.9	25.080
LGG 100-50F	100	500	6000	403	1.13	26.540
LGG 100-60F	100	600	6000	483	1.35	28.010
Stainless steel, acc. to AISI 304 (BS 304S31)						
LGG 100-20-3E	100	200	3000	161	0.45	10.299
LGG 100-30-3E	100	300	3000	242	0.68	10.994
LGG 100-40-3E	100	400	3000	322	0.9	11.679
LGG 100-50-3E	100	500	3000	403	1.13	12.379
LGG 100-60-3E	100	600	3000	483	1.35	13.034
LGG 100-20E	100	200	6000	161	0.45	20.880
LGG 100-30E	100	300	6000	242	0.68	22.260
LGG 100-40E	100	400	6000	322	0.9	23.640
LGG 100-50E	100	500	6000	403	1.13	25.030
LGG 100-60E	100	600	6000	483	1.35	26.410

optional accessories

LGB 100	Cable ladder internal bend, height = 100 mm	140
LGAB 100	Cable ladder external bend, height = 100 mm	141
LGAA 100	Cable ladder add-on tee, height = 100 mm	144
LGA 100	Cable ladder tee, height = 100 mm	143
LGK 100	Cable ladder crossing, height = 100 mm	145
LGVB 100	Cable ladder vertical bend, height = 100 mm	142
LGV 100	Cable ladder connector, height = 100 mm	151
LGVBH 100	Cable ladder connector, horizontal, height = 100 mm	152
LGVV 100	Cable ladder connector, vertical, height = 100 mm	153
LGTR 100	Cable ladder divider, height = 80 mm	156
SL 100	Protection cap	160
LGKAB	Cable ladder drop-out plate	158
H	Cable clamp for fastening to C profile rails	242, 337
LD	Cable ladder cover	146
LDR	Cable ladder cover with turnbuckles	147



LGG 100

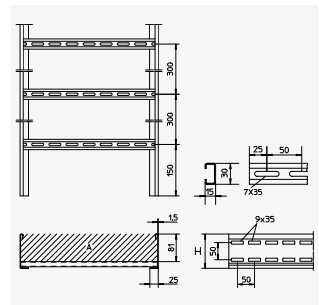
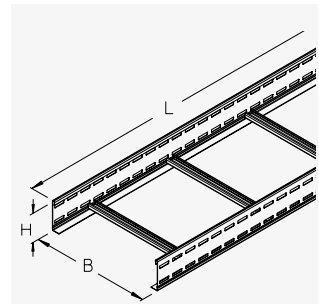
Cable ladder, L profile, height = 100 mm



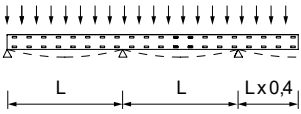
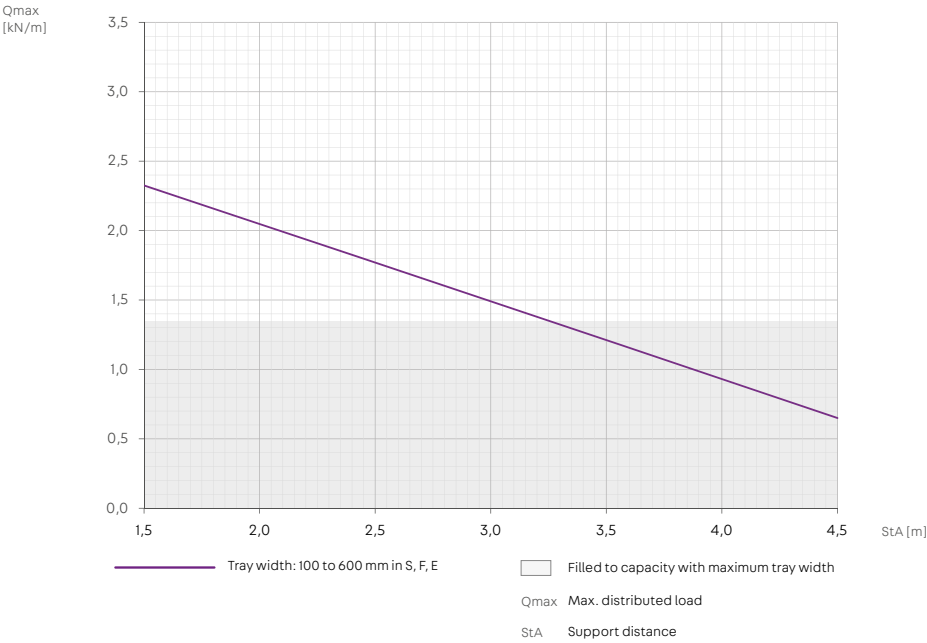
Article	H mm	B mm	L mm	A cm ²	Q _{LK} kN/m	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)						
LGG 100-20-3E4	100	200	3000	161	0.45	10.299
LGG 100-30-3E4	100	300	3000	242	0.68	10.994
LGG 100-40-3E4	100	400	3000	322	0.9	11.679
LGG 100-50-3E4	100	500	3000	403	1.13	12.379
LGG 100-60-3E4	100	600	3000	483	1.35	13.034
LGG 100-20E4	100	200	6000	161	0.45	20.880
LGG 100-30E4	100	300	6000	242	0.68	22.280
LGG 100-40E4	100	400	6000	322	0.9	22.280
LGG 100-50E4	100	500	6000	403	1.13	25.030
LGG 100-60E4	100	600	6000	483	1.35	26.410

optional accessories

LGIB 100	Cable ladder internal bend, height = 100 mm	140
LGAB 100	Cable ladder external bend, height = 100 mm	141
LGAA 100	Cable ladder add-on tee, height = 100 mm	144
LGA 100	Cable ladder tee, height = 100 mm	143
LGK 100	Cable ladder crossing, height = 100 mm	145
LGVB 100	Cable ladder vertical bend, height = 100 mm	142
LGV 100	Cable ladder connector, height = 100 mm	151
LGVB 100	Cable ladder connector, horizontal, height = 100 mm	152
LGVB 100	Cable ladder connector, vertical, height = 100 mm	153
LGTR 100	Cable ladder divider, height = 80 mm	156
SL 100	Protection cap	160
LGKAB	Cable ladder drop-out plate	158
H	Cable clamp for fastening to C profile rails	242, 337
LD	Cable ladder cover	146
LDR	Cable ladder cover with turnbuckles	147



Load diagram LGG 100



LGGS 60

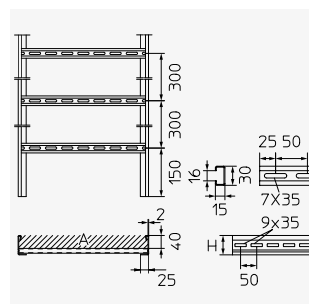
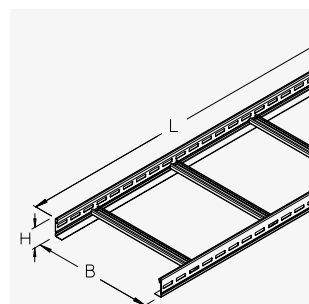
Cable ladder, L profile, heavy, height = 60 mm



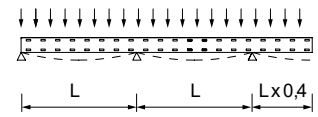
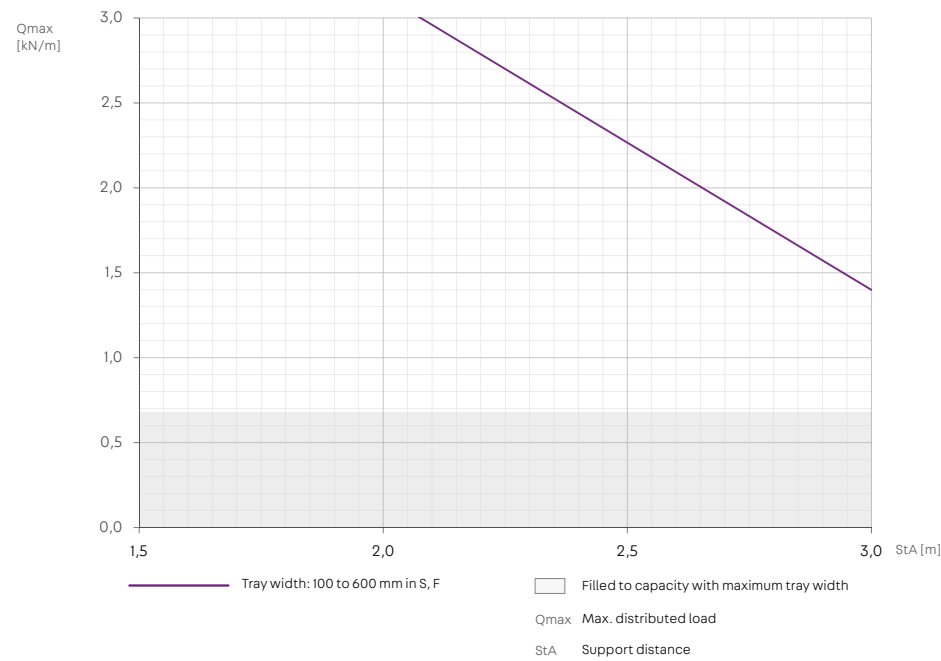
Article	H mm	B mm	L mm	A cm ²	Q _{Lk} kN/m	G kg
Steel, pre-galvanised/Sendzimir process						
LGGS 60-20-3S	60	200	3000	81	0.23	10.410
LGGS 60-30-3S	60	300	3000	122	0.34	11.290
LGGS 60-40-3S	60	400	3000	162	0.45	12.170
LGGS 60-50-3S	60	500	3000	203	0.57	13.060
LGGS 60-60-3S	60	600	3000	243	0.68	13.940
LGGS 60-20S	60	200	6000	81	0.23	20.810
LGGS 60-30S	60	300	6000	122	0.34	22.580
LGGS 60-40S	60	400	6000	162	0.45	24.350
LGGS 60-50S	60	500	6000	203	0.57	26.120
LGGS 60-60S	60	600	6000	243	0.68	27.860
Steel, hot-dip galvanised						
LGGS 60-20-3F	60	200	3000	81	0.23	11.130
LGGS 60-30-3F	60	300	3000	122	0.34	12.080
LGGS 60-40-3F	60	400	3000	162	0.45	13.030
LGGS 60-50-3F	60	500	3000	203	0.57	13.970
LGGS 60-60-3F	60	600	3000	243	0.68	14.920
LGGS 60-20F	60	200	6000	81	0.23	22.270
LGGS 60-30F	60	300	6000	122	0.34	24.160
LGGS 60-40F	60	400	6000	162	0.45	26.050
LGGS 60-50F	60	500	6000	203	0.57	27.950
LGGS 60-60F	60	600	6000	243	0.68	29.840
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)						
LGGS 60-20-3E4	60	200	3000	81	0.23	10.610
LGGS 60-30-3E4	60	300	3000	122	0.34	11.510
LGGS 60-40-3E4	60	400	3000	162	0.45	12.410
LGGS 60-50-3E4	60	500	3000	203	0.57	13.310
LGGS 60-60-3E4	60	600	3000	243	0.68	14.210
LGGS 60-20E4	60	200	6000	81	0.23	21.210
LGGS 60-30E4	60	300	6000	122	0.34	23.010
LGGS 60-40E4	60	400	6000	162	0.45	24.810
LGGS 60-50E4	60	500	6000	203	0.57	26.620
LGGS 60-60E4	60	600	6000	243	0.68	28.420

optional accessories

LGIB 60	Cable ladder internal bend, height = 60 mm	140
LGAB 60	Cable ladder external bend, height = 60 mm	141
LGAA 60	Cable ladder add-on tee, height = 60 mm	144
LGA 60	Cable ladder tee, height = 60 mm	143
LGK 60	Cable ladder crossing, height = 60 mm	145
LGVB 60	Cable ladder vertical bend, height = 60 mm	142
LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVH 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVV 60	Cable ladder connector, vertical, height = 60 mm	153
LGTR 60	Cable ladder divider, height = 33 mm	155, 244
SL 60	Protection cap	160, 246
LGKAB	Cable ladder drop-out plate	158
H	Cable clamp for fastening to C profile rails	242, 337
LD	Cable ladder cover	146
LDR	Cable ladder cover with turnbuckles	147



Load diagram LGGS 60



LGGS 100

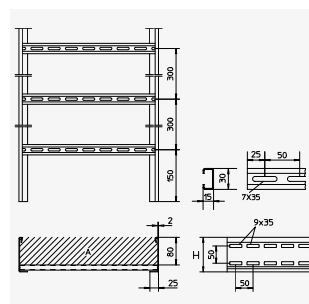
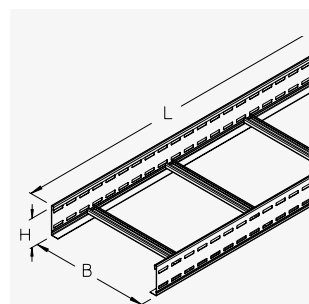
Cable ladder, L profile, heavy, height = 100 mm



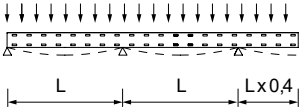
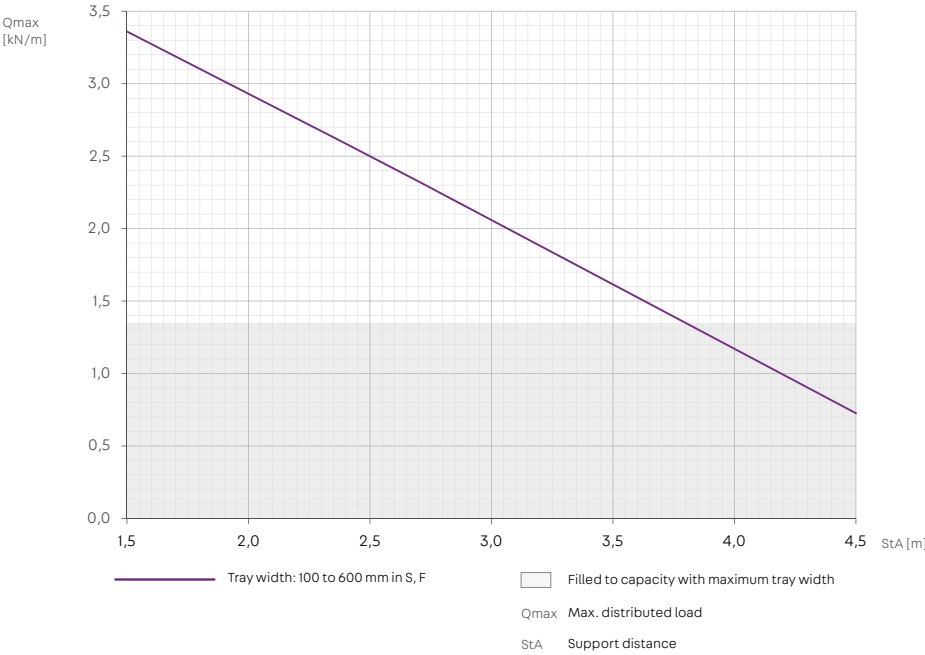
Article	H mm	B mm	L mm	A cm ²	Q _{Lk} kN/m	G kg
Steel, pre-galvanised/Sendzimir process						
LGGS 100-20-3S	100	200	3000	161	0.45	13.580
LGGS 100-30-3S	100	300	3000	242	0.68	14.460
LGGS 100-40-3S	100	400	3000	322	0.9	15.350
LGGS 100-50-3S	100	500	3000	403	1.13	16.230
LGGS 100-60-3S	100	600	3000	483	1.35	17.120
LGGS 100-20S	100	200	6000	161	0.45	27.160
LGGS 100-30S	100	300	6000	242	0.68	28.930
LGGS 100-40S	100	400	6000	322	0.9	30.700
LGGS 100-50S	100	500	6000	403	1.13	32.470
LGGS 100-60S	100	600	6000	483	1.35	34.230
Steel, hot-dip galvanised						
LGGS 100-20-3F	100	200	3000	161	0.45	14.530
LGGS 100-30-3F	100	300	3000	242	0.68	15.785
LGGS 100-40-3F	100	400	3000	322	0.9	16.420
LGGS 100-50-3F	100	500	3000	403	1.13	17.370
LGGS 100-60-3F	100	600	3000	483	1.35	18.320
LGGS 100-20F	100	200	6000	161	0.45	29.050
LGGS 100-30F	100	300	6000	242	0.68	30.930
LGGS 100-40F	100	400	6000	322	0.9	32.820
LGGS 100-50F	100	500	6000	403	1.13	34.700
LGGS 100-60F	100	600	6000	483	1.35	36.100

optional accessories

LGIB 100	Cable ladder internal bend, height = 100 mm	140
LGAB 100	Cable ladder external bend, height = 100 mm	141
LGAA 100	Cable ladder add-on tee, height = 100 mm	144
LGA 100	Cable ladder tee, height = 100 mm	143
LGK 100	Cable ladder crossing, height = 100 mm	145
LGVB 100	Cable ladder vertical bend, height = 100 mm	142
LGV 100	Cable ladder connector, height = 100 mm	151
LGVB 100	Cable ladder connector, horizontal, height = 100 mm	152
LGVB 100	Cable ladder connector, vertical, height = 100 mm	153
LGTR 100	Cable ladder divider, height = 80 mm	156
SL 100	Protection cap	160
LGKAB	Cable ladder drop-out plate	158
H	Cable clamp for fastening to C profile rails	242, 337
LD	Cable ladder cover	146
LDR	Cable ladder cover with turnbuckles	147



Load diagram LGGs 100



Formed Parts

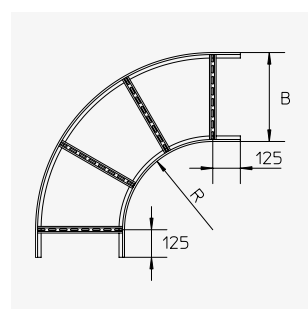
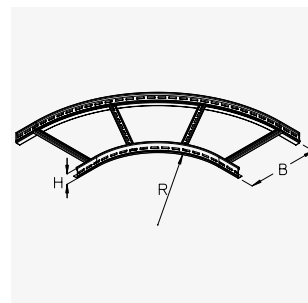
LGIB 60

Cable ladder internal bend, height = 60 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
LGIB 60-20F	60	200	400	90°	3.000
LGIB 60-30F	60	300	400	90°	3.470
LGIB 60-40F	60	400	400	90°	3.950
LGIB 60-50F	60	500	400	90°	5.160
LGIB 60-60F	60	600	400	90°	5.780
Stainless steel, acc. to AISI 304 (BS 304S31)					
LGIB 60-20E	60	200	400	90°	2.820
LGIB 60-30E	60	300	400	90°	3.270
LGIB 60-40E	60	400	400	90°	3.720
LGIB 60-50E	60	500	400	90°	4.850
LGIB 60-60E	60	600	400	90°	5.440

optional accessories

LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVB 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVB 60	Cable ladder connector, vertical, height = 60 mm	153
LGTRV 60	Cable ladder divider, variable, height = 33 mm	156
LIBD	Cable ladder internal bend cover	147
LIBDR	Cable ladder internal bend cover with turnbuckles	148



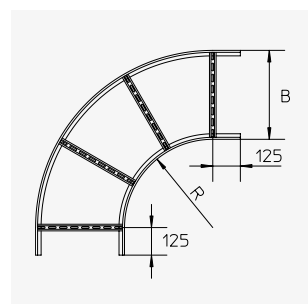
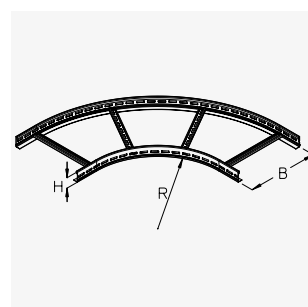
LGIB 100

Cable ladder internal bend, height = 100 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
LGIB 100-20F	100	200	400	90°	3.910
LGIB 100-30F	100	300	400	90°	4.460
LGIB 100-40F	100	400	400	90°	5.000
LGIB 100-50F	100	500	400	90°	6.280
LGIB 100-60F	100	600	400	90°	6.980
Stainless steel, acc. to AISI 304 (BS 304S31)					
LGIB 100-20E	100	200	400	90°	3.680
LGIB 100-30E	100	300	400	90°	4.190
LGIB 100-40E	100	400	400	90°	4.710
LGIB 100-50E	100	500	400	90°	5.910
LGIB 100-60E	100	600	400	90°	6.560

optional accessories

LGV 100	Cable ladder connector, height = 100 mm	151
LGVB 100	Cable ladder connector, horizontal, height = 100 mm	152
LGVB 100	Cable ladder connector, vertical, height = 100 mm	153
LGTRV 100	Cable ladder divider, variable, height = 80 mm	157
LIBD	Cable ladder internal bend cover	147
LIBDR	Cable ladder internal bend cover with turnbuckles	148



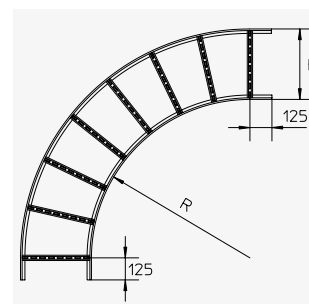
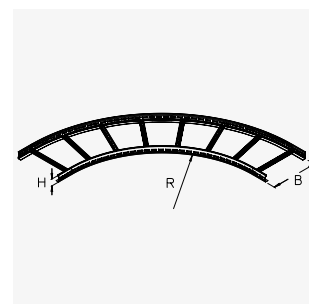
LGAB 60

Cable ladder external bend, height = 60 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
LGAB 60-20F	60	200	700	90°	4.390
LGAB 60-30F	60	300	800	90°	5.380
LGAB 60-40F	60	400	900	90°	6.950
LGAB 60-50F	60	500	1000	90°	8.090
LGAB 60-60F	60	600	1100	90°	9.230
Stainless steel, acc. to AISI 304 (BS 304S31)					
LGAB 60-20E	60	200	700	90°	4.140
LGAB 60-30E	60	300	800	90°	5.060
LGAB 60-40E	60	400	900	90°	6.540
LGAB 60-50E	60	500	1000	90°	7.610
LGAB 60-60E	60	600	1100	90°	8.680

optional accessories

LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVB 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVB 60	Cable ladder connector, vertical, height = 60 mm	153
LGTRV 60	Cable ladder divider, variable, height = 33 mm	156



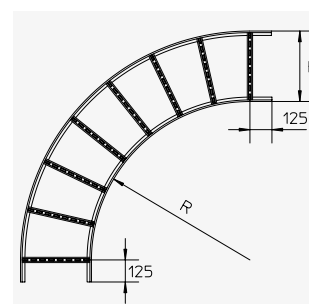
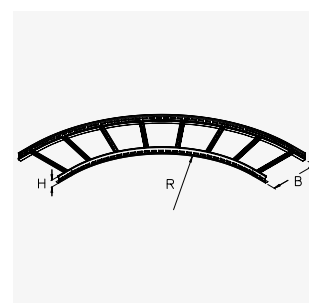
LGAB 100

Cable ladder external bend, height = 100 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
LGAB 100-20F	100	200	700	90°	5.790
LGAB 100-30F	100	300	800	90°	7.190
LGAB 100-40F	100	400	900	90°	8.720
LGAB 100-50F	100	500	1000	90°	10.390
LGAB 100-60F	100	600	1100	90°	12.200
Stainless steel, acc. to AISI 304 (BS 304S31)					
LGAB 100-20E	100	200	700	90°	5.830
LGAB 100-30E	100	300	800	90°	7.230
LGAB 100-40E	100	400	900	90°	8.770
LGAB 100-50E	100	500	1000	90°	10.450
LGAB 100-60E	100	600	1100	90°	12.280

optional accessories

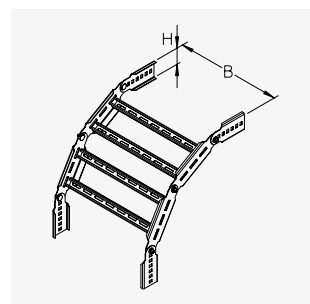
LGV 100	Cable ladder connector, height = 100 mm	151
LGVB 100	Cable ladder connector, horizontal, height = 100 mm	152
LGVB 100	Cable ladder connector, vertical, height = 100 mm	153
LGTRV 100	Cable ladder divider, variable, height = 80 mm	157



LGVB 60

Cable ladder vertical bend, height = 60 mm

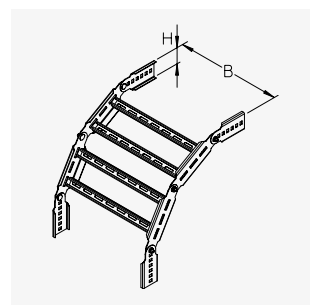
Article	H mm	B mm	W	G kg
Steel, hot-dip galvanised				
LGVB 60-20F	60	200	var.	2.448
LGVB 60-30F	60	300	var.	2.748
LGVB 60-40F	60	400	var.	3.048
LGVB 60-50F	60	500	var.	3.348
LGVB 60-60F	60	600	var.	3.628
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGVB 60-20E	60	200	var.	2.352
LGVB 60-30E	60	300	var.	2.632
LGVB 60-40E	60	400	var.	2.912
LGVB 60-50E	60	500	var.	3.192
LGVB 60-60E	60	600	var.	3.452



LGVB 100

Cable ladder vertical bend, height = 100 mm

Article	H mm	B mm	W	G kg
Steel, hot-dip galvanised				
LGVB 100-20F	100	200	var.	2.992
LGVB 100-30F	100	300	var.	3.292
LGVB 100-40F	100	400	var.	3.592
LGVB 100-50F	100	500	var.	3.852
LGVB 100-60F	100	600	var.	4.172
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGVB 100-20E	100	200	var.	2.788
LGVB 100-30E	100	300	var.	3.068
LGVB 100-40E	100	400	var.	3.348
LGVB 100-50E	100	500	var.	3.628
LGVB 100-60E	100	600	var.	3.908



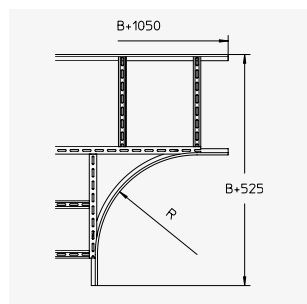
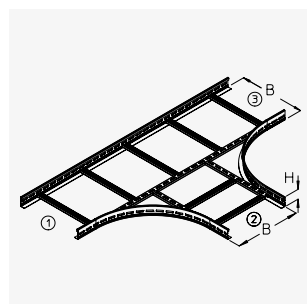
LGA 60

Cable ladder tee, height = 60 mm

Article	H mm	B mm	R mm	G kg
Steel, hot-dip galvanised				
LGA 60-20F	60	200	400	4.690
LGA 60-30F	60	300	400	5.390
LGA 60-40F	60	400	400	6.100
LGA 60-50F	60	500	400	6.800
LGA 60-60F	60	600	400	7.510
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGA 60-20E	60	200	400	4.410
LGA 60-30E	60	300	400	5.070
LGA 60-40E	60	400	400	5.740
LGA 60-50E	60	500	400	6.400
LGA 60-60E	60	600	400	7.060

optional accessories

LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVH 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVV 60	Cable ladder connector, vertical, height = 60 mm	153
LGTRV 60	Cable ladder divider, variable, height = 33 mm	156
LAD	Cable ladder tee cover	148
LADR	Cable ladder tee cover with turnbuckles	149



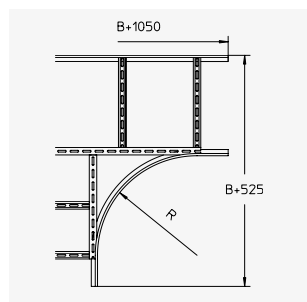
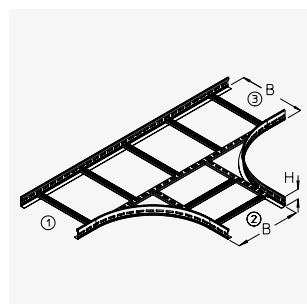
LGA 100

Cable ladder tee, height = 100 mm

Article	H mm	B mm	R mm	G kg
Steel, hot-dip galvanised				
LGA 100-20F	100	200	400	7.020
LGA 100-30F	100	300	400	7.770
LGA 100-40F	100	400	400	8.520
LGA 100-50F	100	500	400	9.270
LGA 100-60F	100	600	400	10.020
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGA 100-20E	100	200	400	6.610
LGA 100-30E	100	300	400	7.310
LGA 100-40E	100	400	400	8.010
LGA 100-50E	100	500	400	8.720
LGA 100-60E	100	600	400	9.420

optional accessories

LGV 100	Cable ladder connector, height = 100 mm	151
LGVH 100	Cable ladder connector, horizontal, height = 100 mm	152
LGVV 100	Cable ladder connector, vertical, height = 100 mm	153
LGTRV 100	Cable ladder divider, variable, height = 80 mm	157
LAD	Cable ladder tee cover	148
LADR	Cable ladder tee cover with turnbuckles	149



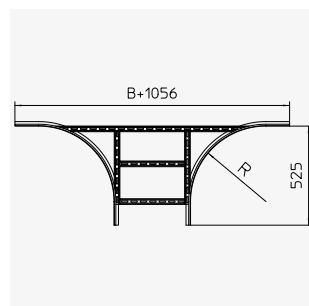
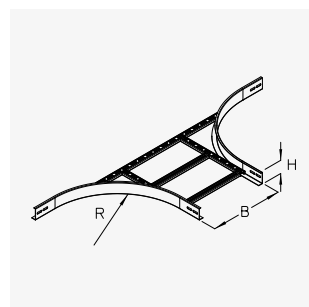
LGAA 60

Cable ladder add-on tee, height = 60 mm

Article	H mm	B mm	R mm	G kg
Steel, hot-dip galvanised				
LGAA 60-20F	60	200	400	3.441
LGAA 60-30F	60	300	400	3.661
LGAA 60-40F	60	400	400	3.882
LGAA 60-50F	60	500	400	4.102
LGAA 60-60F	60	600	400	4.322

optional accessories

LGV 60	Cable ladder connector, height = 60 mm	151,244
LGVH 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVV 60	Cable ladder connector, vertical, height = 60 mm	153
LGTRV 60	Cable ladder divider, variable, height = 33 mm	156



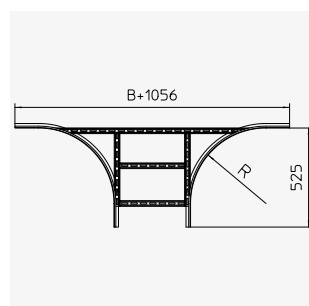
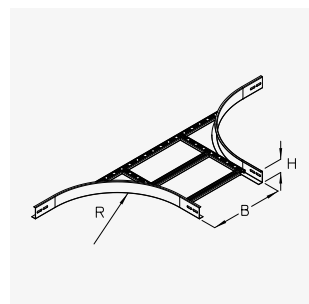
LGAA 100

Cable ladder add-on tee, height = 100 mm

Article	H mm	B mm	R mm	G kg
Steel, hot-dip galvanised				
LGAA 100-20F	100	200	400	4.329
LGAA 100-30F	100	300	400	4.550
LGAA 100-40F	100	400	400	4.770
LGAA 100-50F	100	500	400	4.990
LGAA 100-60F	100	600	400	5.211

optional accessories

LGV 100	Cable ladder connector, height = 100 mm	151
LGVH 100	Cable ladder connector, horizontal, height = 100 mm	152
LGVV 100	Cable ladder connector, vertical, height = 100 mm	153
LGTRV 100	Cable ladder divider, variable, height = 80 mm	157



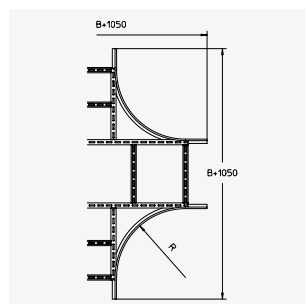
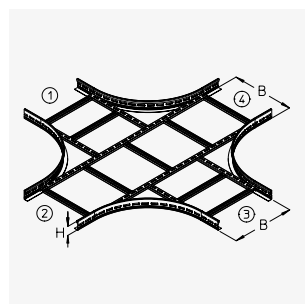
LGK 60

Cable ladder crossing, height = 60 mm

Article	H mm	B mm	R mm	G kg
Steel, hot-dip galvanised				
LGK 60-20F	60	200	400	7.780
LGK 60-30F	60	300	400	8.590
LGK 60-40F	60	400	400	9.400
LGK 60-50F	60	500	400	10.210
LGK 60-60F	60	600	400	11.020
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGK 60-20E	60	200	400	7.320
LGK 60-30E	60	300	400	8.080
LGK 60-40E	60	400	400	8.840
LGK 60-50E	60	500	400	9.600
LGK 60-60E	60	600	400	10.360

optional accessories

LGK 60	Cable ladder connector, height = 60 mm	151, 244
LGK 60	Cable ladder connector, horizontal, height = 60 mm	152
LGK 60	Cable ladder connector, vertical, height = 60 mm	153
LGK 60	Cable ladder divider, variable, height = 33 mm	156
LKD	Cable ladder crossing cover	149
LKDR	Cable ladder crossing cover with turnbuckles	150



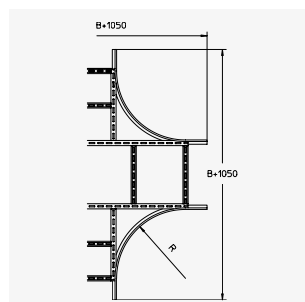
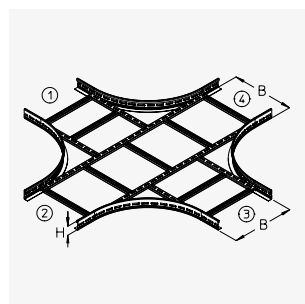
LGK 100

Cable ladder crossing, height = 100 mm

Article	H mm	B mm	R mm	G kg
Steel, hot-dip galvanised				
LGK 100-20F	100	200	400	9.320
LGK 100-30F	100	300	400	10.130
LGK 100-40F	100	400	400	10.940
LGK 100-50F	100	500	400	11.740
LGK 100-60F	100	600	400	12.550
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGK 100-20E	100	200	400	8.770
LGK 100-30E	100	300	400	9.530
LGK 100-40E	100	400	400	10.290
LGK 100-50E	100	500	400	11.050
LGK 100-60E	100	600	400	11.810

optional accessories

LGK 100	Cable ladder connector, height = 100 mm	151
LGK 100	Cable ladder connector, horizontal, height = 100 mm	152
LGK 100	Cable ladder connector, vertical, height = 100 mm	153
LGK 100	Cable ladder divider, variable, height = 80 mm	157
LKD	Cable ladder crossing cover	149
LKDR	Cable ladder crossing cover with turnbuckles	150



Covers

LD

Cable ladder cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
LD 20S	206	3000	0.75	4.110
LD 30S	306	3000	1.00	7.840
LD 40S	406	3000	1.00	10.190
LD 50S	506	3000	1.25	15.690
LD 60S	606	3000	1.25	18.630
Steel, hot-dip galvanised				
LD 20F	206	3000	0.75	4.400
LD 30F	306	3000	1.00	8.390
LD 40F	406	3000	1.00	10.910
LD 50F	506	3000	1.25	16.780
LD 60F	606	3000	1.25	19.930
Stainless steel, acc. to AISI 304 (BS 304S31)				
LD 20E	206	3000	0.80	4.420
LD 30E	306	3000	1.00	7.890
LD 40E	406	3000	1.00	10.260
LD 50E	506	3000	1.25	15.790
LD 60E	606	3000	1.25	18.750

optional accessories

LD-SW Cable ladder storm protection bracket 150

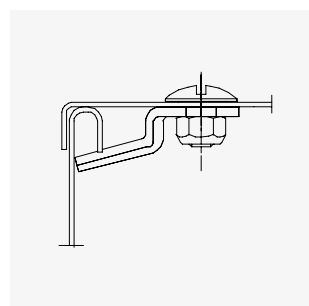
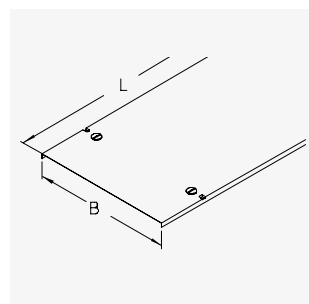
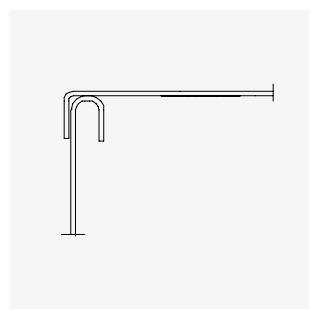
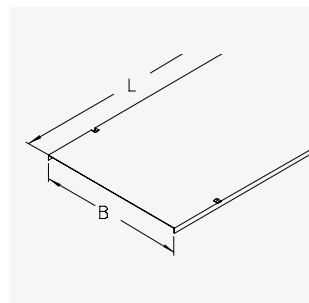
LDR

Cable ladder cover with turnbuckles

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
LDR 20S	209	3000	0.75	4.230
LDR 30S	309	3000	1.00	7.960
LDR 40S	409	3000	1.00	10.320
LDR 50S	509	3000	1.25	15.810
LDR 60S	609	3000	1.25	18.760
Steel, hot-dip galvanised				
LDR 20F	209	3000	0.75	4.530
LDR 30F	309	3000	1.00	8.520
LDR 40F	409	3000	1.00	11.040
LDR 50F	509	3000	1.25	16.910
LDR 60F	609	3000	1.25	20.060

optional accessories

LD-SW Cable ladder storm protection bracket 150



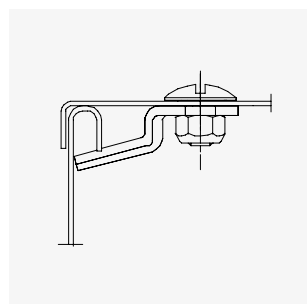
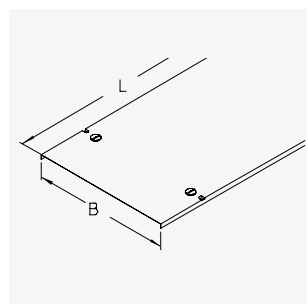
LDR

Cable ladder cover with turnbuckles

Article	B	L	t	G
	mm	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
LDR 20E	209	3000	0.80	4.540
LDR 30E	309	3000	1.00	8.010
LDR 40E	409	3000	1.00	10.380
LDR 50E	506	3000	1.25	15.920
LDR 60E	609	3000	1.25	18.870

optional accessories

LD-SW Cable ladder storm protection bracket 150



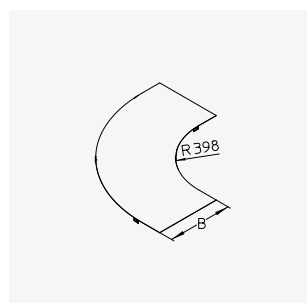
LIBD

Cable ladder internal bend cover

Article	B	t	W	G
	mm	mm		kg
Steel, pre-galvanised/Sendzimir process				
LIBD 20S	204	0.75	90°	1.330
LIBD 30S	304	1.00	90°	2.750
LIBD 40S	404	1.00	90°	3.870
LIBD 50S	504	1.25	90°	6.380
LIBD 60S	604	1.25	90°	8.090
Steel, hot-dip galvanised				
LIBD 20F	204	0.75	90°	1.420
LIBD 30F	304	1.00	90°	2.940
LIBD 40F	404	1.00	90°	4.140
LIBD 50F	504	1.25	90°	6.830
LIBD 60F	604	1.25	90°	8.660
Stainless steel, acc. to AISI 304 (BS 304S31)				
LIBD 20E	204	0.80	90°	1.430
LIBD 30E	304	1.00	90°	2.770
LIBD 40E	404	1.00	90°	3.900
LIBD 50E	504	1.25	90°	6.420
LIBD 60E	604	1.25	90°	8.140

optional accessories

LD-SW Cable ladder storm protection bracket 150



LIBDR

Cable ladder internal bend cover with turnbuckles

Article	B mm	t mm	W °	G kg
Steel, pre-galvanised/Sendzimir process				
LIBDR 20S	204	0.75	90°	1.421
LIBDR 30S	304	1.00	90°	2.835
LIBDR 40S	404	1.00	90°	3.959
LIBDR 50S	504	1.25	90°	6.463
LIBDR 60S	604	1.25	90°	8.176
Steel, hot-dip galvanised				
LIBDR 20F	204	0.75	90°	1.525
LIBDR 30F	304	1.00	90°	3.039
LIBDR 40F	404	1.00	90°	4.242
LIBDR 50F	504	1.25	90°	6.921
LIBDR 60F	604	1.25	90°	8.754
Stainless steel, acc. to AISI 304 (BS 304S31)				
LIBDR 20E	204	0.80	90°	1.441
LIBDR 30E	304	1.00	90°	2.867
LIBDR 40E	404	1.00	90°	3.995
LIBDR 50E	504	1.25	90°	6.517
LIBDR 60E	604	1.25	90°	8.239

optional accessories

LD-SW Cable ladder storm protection bracket 150

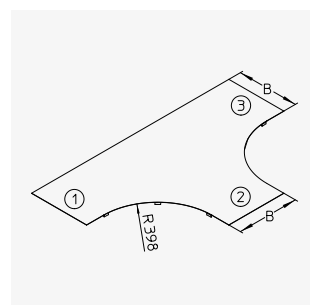
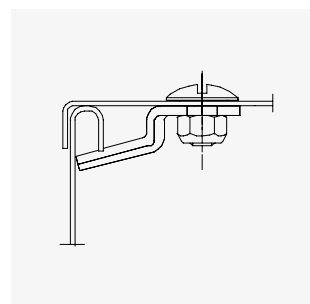
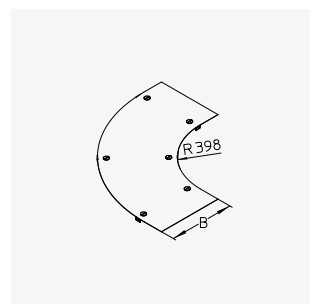
LAD

Cable ladder tee cover

Article	B mm	t mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process				
LAD 20S	204	0.75	398	2.670
LAD 30S	304	1.00	398	5.140
LAD 40S	404	1.00	398	6.930
LAD 50S	504	1.25	398	11.060
LAD 60S	604	1.25	398	13.680
Steel, hot-dip galvanised				
LAD 20F	204	0.75	398	2.860
LAD 30F	304	1.00	398	5.500
LAD 40F	404	1.00	398	7.420
LAD 50F	504	1.25	398	11.830
LAD 60F	604	1.25	398	14.640
Stainless steel, acc. to AISI 304 (BS 304S31)				
LAD 20E	204	0.80	398	2.850
LAD 30E	304	1.00	398	5.170
LAD 40E	404	1.00	398	6.970
LAD 50E	504	1.25	398	11.130
LAD 60E	604	1.25	398	13.770

optional accessories

LD-SW Cable ladder storm protection bracket 150



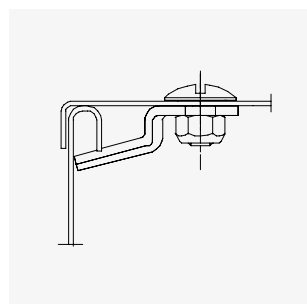
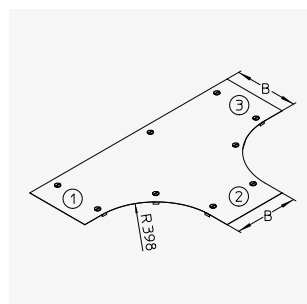
LADR

Cable ladder tee cover with turnbuckles

Article	B mm	t mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process				
LADR 20S	204	0.75	398	2.730
LADR 30S	304	1.00	398	5.200
LADR 40S	404	1.00	398	6.990
LADR 50S	504	1.25	398	11.110
LADR 60S	604	1.25	398	13.740
Steel, hot-dip galvanised				
LADR 20F	204	0.75	398	2.910
LADR 30F	304	1.00	398	5.560
LADR 40F	404	1.00	398	7.470
LADR 50F	504	1.25	398	11.890
LADR 60F	604	1.25	398	14.700
Stainless steel, acc. to AISI 304 (BS 304S31)				
LADR 20E	204	0.80	398	2.910
LADR 30E	304	1.00	398	5.230
LADR 40E	404	1.00	398	7.030
LADR 50E	504	1.25	398	11.180
LADR 60E	604	1.25	398	13.830

optional accessories

LD-SW Cable ladder storm protection bracket 150



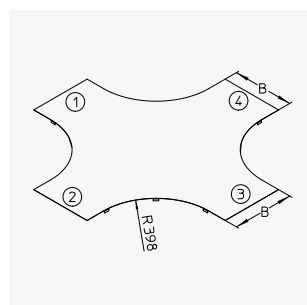
LKD

Cable ladder crossing cover

Article	B mm	t mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process				
LKD 20S	204	0.75	398	3.740
LKD 30S	304	1.00	398	6.970
LKD 40S	404	1.00	398	9.160
LKD 50S	504	1.25	398	14.350
LKD 60S	604	1.25	398	18.063
Steel, hot-dip galvanised				
LKD 20F	204	0.75	398	4.000
LKD 30F	304	1.00	398	7.460
LKD 40F	404	1.00	398	9.800
LKD 50F	504	1.25	398	15.350
LKD 60F	604	1.25	398	19.330
Stainless steel, acc. to AISI 304 (BS 304S31)				
LKD 20E	204	0.80	398	4.000
LKD 30E	304	1.00	398	7.010
LKD 40E	404	1.00	398	9.220
LKD 50E	504	1.25	398	14.450
LKD 60E	604	1.25	398	18.182

optional accessories

LD-SW Cable ladder storm protection bracket 150



LKDR

Cable ladder crossing cover with turnbuckles

Article	B mm	t mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process				
LKDR 20S	204	0.75	398	3.730
LKDR 30S	304	1.00	398	6.960
LKDR 40S	404	1.00	398	9.160
LKDR 50S	504	1.25	398	14.350
LKDR 60S	604	1.25	398	18.303
Steel, hot-dip galvanised				
LKDR 20F	204	0.75	398	4.200
LKDR 30F	304	1.00	398	7.650
LKDR 40F	404	1.00	398	10.000
LKDR 50F	504	1.25	398	15.550
LKDR 60F	604	1.25	398	19.498
Stainless steel, acc. to AISI 304 (BS 304S31)				
LKDR 20E	204	0.80	398	3.990
LKDR 30E	304	1.00	398	7.000
LKDR 40E	404	1.00	398	9.210
LKDR 50E	504	1.25	398	14.430
LKDR 60E	604	1.25	398	18.410

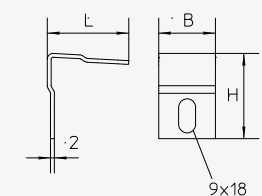
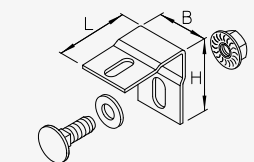
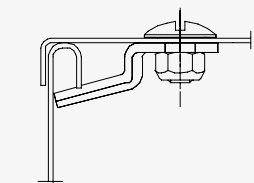
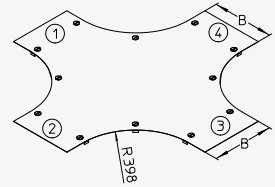
optional accessories

LD-SW Cable ladder storm protection bracket 150

LD-SW

Cable ladder storm protection bracket

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
LD-SW F	46	30	30	2.00	0.057
Stainless steel, acc. to AISI 304 (BS 304S31)					
LD-SW E	46	30	30	2.00	0.055
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
LD-SW E4	46	30	30	2.00	0.058

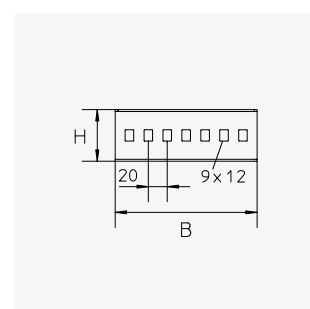
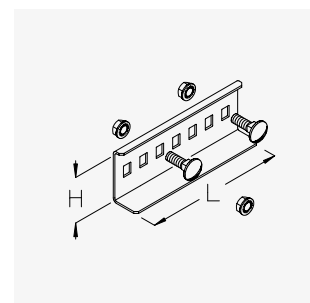


Accessories

LGV 60

Cable ladder connector, height = 60 mm

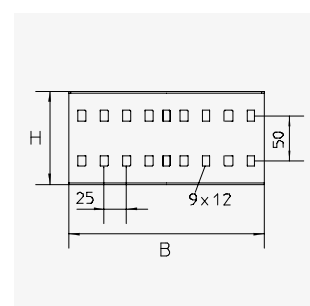
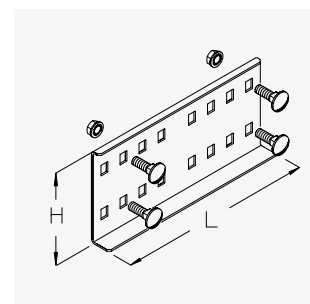
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGV 60S	60	150	0.236
Steel, hot-dip galvanised			
LGV 60F	60	150	0.247
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGV 60E	60	150	0.245
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
LGV 60E4	60	150	0.238



LGV 100

Cable ladder connector, height = 100 mm

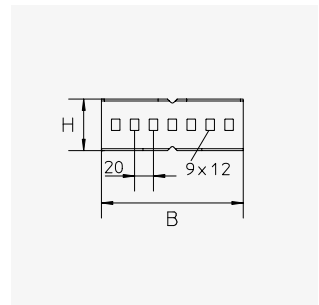
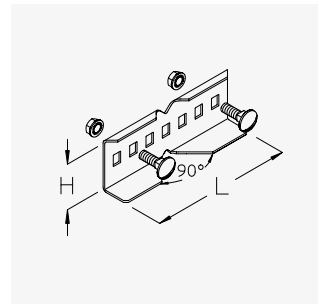
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGV 100S	100	220	0.480
Steel, hot-dip galvanised			
LGV 100F	100	220	0.494
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGV 100E	100	220	0.484



LGVH 60

Cable ladder connector, horizontal, height = 60 mm

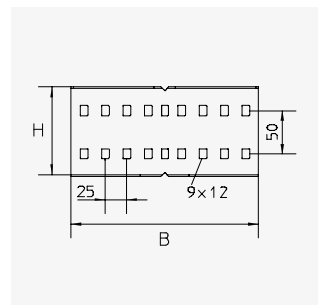
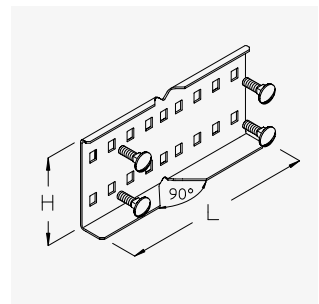
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGVH 60S	60	150	0.216
Steel, hot-dip galvanised			
LGVH 60F	60	150	0.226
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGVH 60E	60	150	0.222



LGVH 100

Cable ladder connector, horizontal, height = 100 mm

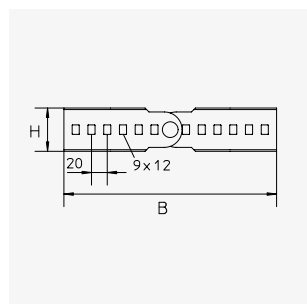
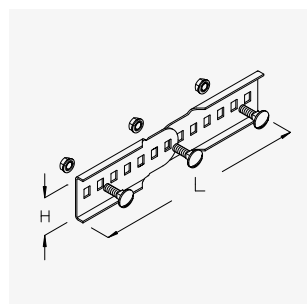
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGVH 100S	100	220	0.471
Steel, hot-dip galvanised			
LGVH 100F	100	220	0.490
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGVH 100E	100	220	0.475



LGVV 60

Cable ladder connector, vertical, height = 60 mm

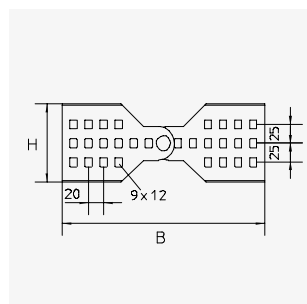
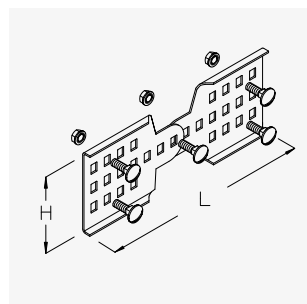
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGVV 60S	60	270	0.368
Steel, hot-dip galvanised			
LGVV 60F	60	270	0.377
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGVV 60E	60	270	0.379



LGVV 100

Cable ladder connector, vertical, height = 100 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGVV 100S	100	270	0.511
Steel, hot-dip galvanised			
LGVV 100F	100	270	0.557
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGVV 100E	100	270	0.525



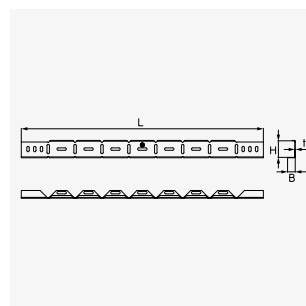
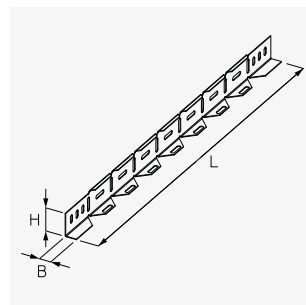
LGVHV 60

Cable ladder connector, horizontal, variable, height = 60 mm

Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
LGVHV 60S	60	28	900	0.850
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGVHV 60E	60	28	900	0.855
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
LGVHV 60E4	60	28	900	0.863

optional accessories

KHB 7	30x15 mm profile rail, perforated	468
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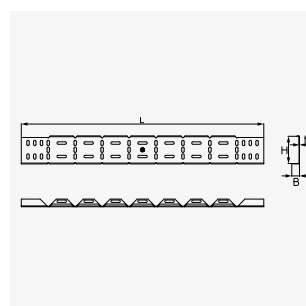
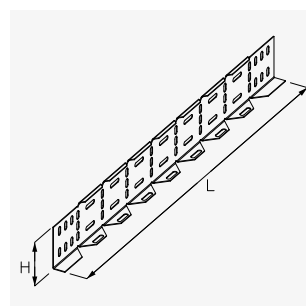
LGVHV 100

Cable ladder connector, horizontal, variable, height = 100 mm

Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
LGVHV 100S	100	28	900	1.250
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGVHV 100E	100	28	900	1.258
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
LGVHV 100E4	100	28	900	1.267

optional accessories

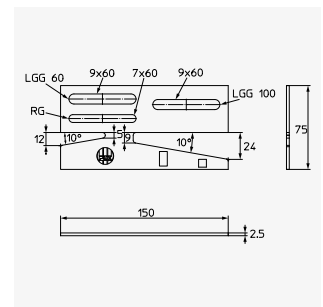
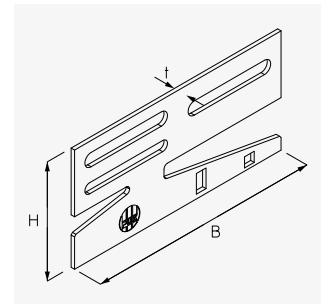
KHB 7	30x15 mm profile rail, perforated	468
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KLTL

Beam clamp for cable ladders

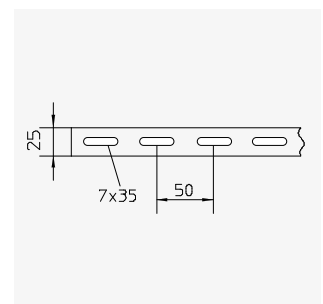
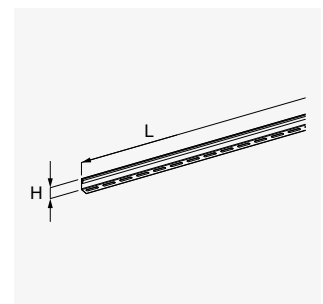
Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
KLTL S	75	150	2.50	0.173
Steel, hot-dip galvanised				
KLTL F	75	150	2.50	0.184
Stainless steel, acc. to AISI 304 (BS 304S31)				
KLTL E	75	150	2.50	0.174



LGTR 60

Cable ladder divider, height = 33 mm

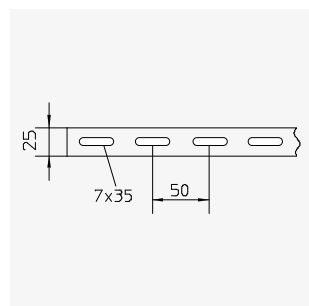
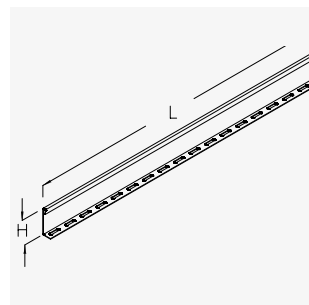
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGTR 60S	33	3000	1.231
Steel, hot-dip galvanised			
LGTR 60F	33	3000	1.737
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGTR 60E	33	3000	1.627



LGTR 100

Cable ladder divider, height = 80 mm

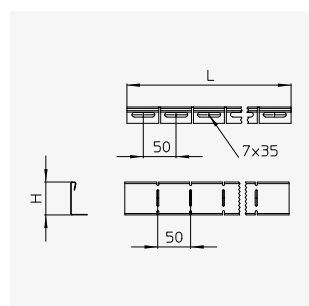
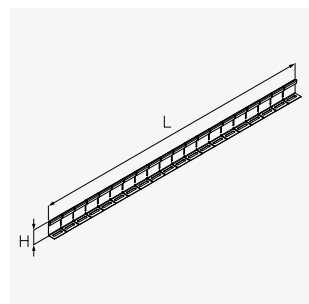
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGTR 100S	80	3000	2.097
Steel, hot-dip galvanised			
LGTR 100F	80	3000	2.237
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGTR 100E	80	3000	2.790



LGTRV 60

Cable ladder divider, variable, height = 33 mm

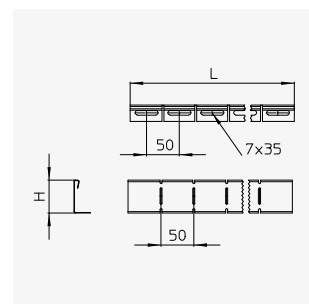
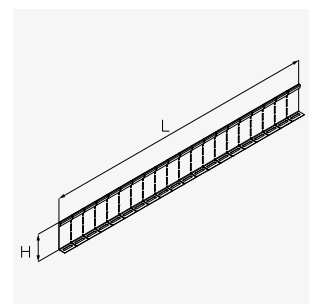
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
LGTRV 60S	33	1000	0.75	0.438
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGTRV 60E	33	1000	0.80	0.462



LGTRV 100

Cable ladder divider, variable, height = 80 mm

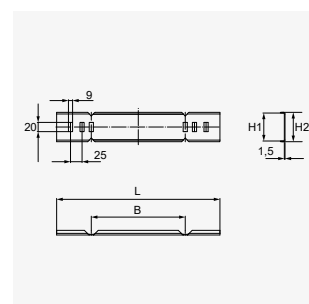
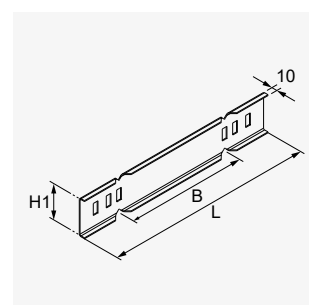
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
LGTRV 100S	80	1000	0.75	0.710
Stainless steel, acc. to AISI 304 (BS 304S31)				
LGTRV 100E	80	1000	0.80	0.755



LAB 60

Cable ladder end plate

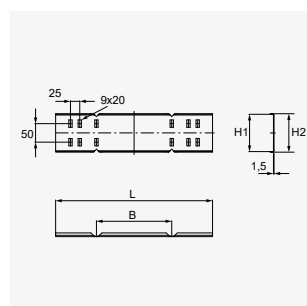
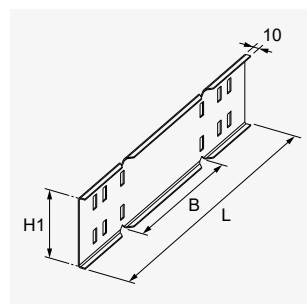
Article	H1 mm	H2 mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process					
LAB 60-05S	60	64	50	203	0.200
LAB 60-10S	60	64	100	253	0.245
LAB 60-15S	60	64	150	303	0.291
LAB 60-20S	60	64	200	353	0.337
LAB 60-30S	60	64	300	453	0.429
LAB 60-40S	60	64	400	553	0.521
LAB 60-50S	60	64	500	653	0.614
LAB 60-60S	60	64	600	753	0.705
Steel, hot-dip galvanised					
LAB 60-05F	60	64	50	203	0.211
LAB 60-10F	60	64	100	253	0.260
LAB 60-15F	60	64	150	303	0.309
LAB 60-20F	60	64	200	353	0.358
LAB 60-30F	60	64	300	453	0.457
LAB 60-40F	60	64	400	553	0.555
LAB 60-50F	60	64	500	653	0.654
LAB 60-60F	60	64	600	753	0.752
Stainless steel, acc. to AISI 304 (BS 304S31)					
LAB 60-05E	60	64	50	203	0.201
LAB 60-10E	60	64	100	253	0.247
LAB 60-15E	60	64	150	303	0.293
LAB 60-20E	60	64	200	353	0.339
LAB 60-30E	60	64	300	453	0.432
LAB 60-40E	60	64	400	553	0.524
LAB 60-50E	60	64	500	653	0.617
LAB 60-60E	60	64	600	753	0.710



LAB 100

Cable ladder end plate

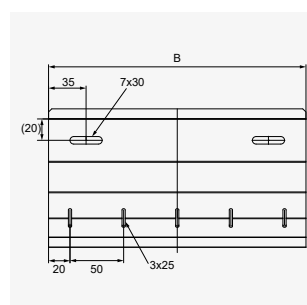
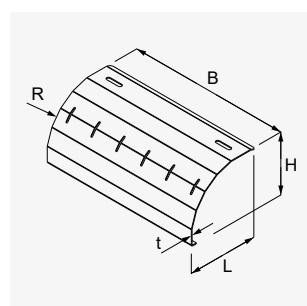
Article	H1 mm	H2 mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process					
LAB 100-05S	100	104	50	273	0.415
LAB 100-10S	100	104	100	323	0.485
LAB 100-15S	100	104	150	373	0.554
LAB 100-20S	100	104	200	423	0.624
LAB 100-30S	100	104	300	523	0.763
LAB 100-40S	100	104	400	623	0.902
LAB 100-50S	100	104	500	723	1.041
LAB 100-60S	100	104	600	823	1.180
Steel, hot-dip galvanised					
LAB 100-05F	100	104	50	273	0.439
LAB 100-10F	100	104	100	323	0.514
LAB 100-15F	100	104	150	373	0.588
LAB 100-20F	100	104	200	423	0.663
LAB 100-30F	100	104	300	523	0.811
LAB 100-40F	100	104	400	623	0.960
LAB 100-50F	100	104	500	723	1.109
LAB 100-60F	100	104	600	823	1.258
Stainless steel, acc. to AISI 304 (BS 304S31)					
LAB 100-05E	100	104	50	273	0.417
LAB 100-10E	100	104	100	323	0.487
LAB 100-15E	100	104	150	373	0.557
LAB 100-20E	100	104	200	423	0.627
LAB 100-30E	100	104	300	523	0.767
LAB 100-40E	100	104	400	623	0.907
LAB 100-50E	100	104	500	723	1.047
LAB 100-60E	100	104	600	823	1.187



LGKAB

Cable ladder drop-out plate

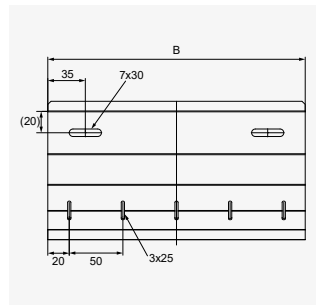
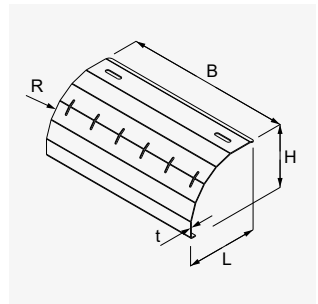
Article	H mm	B mm	L mm	t mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process						
LGKAB 20S	110	140	129	1.50	100	0.372
LGKAB 30S	110	240	129	1.50	100	0.613
LGKAB 40S	110	340	129	1.50	100	0.854
LGKAB 50S	110	440	129	1.50	100	1.112
LGKAB 60S	110	540	129	1.50	100	1.353
Steel, hot-dip galvanised						
LGKAB 20F	110	140	129	1.50	100	0.393
LGKAB 30F	110	240	129	1.50	100	0.651
LGKAB 40F	110	340	129	1.50	100	0.909
LGKAB 50F	110	440	129	1.50	100	1.183
LGKAB 60F	110	540	129	1.50	100	1.440



LGKAB

Cable ladder drop-out plate

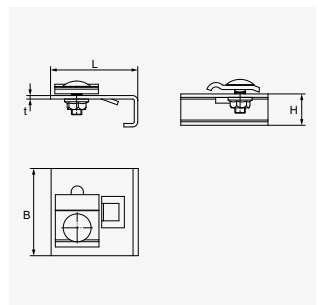
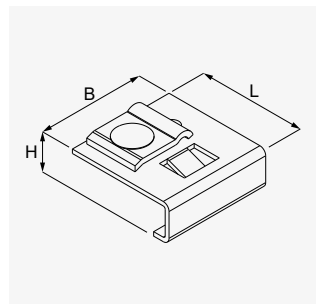
Article	H	B	L	t	R	G
	mm	mm	mm	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)						
LGKAB 20E	110	140	129	1.50	100	0.372
LGKAB 30E	110	240	129	1.50	100	0.614
LGKAB 40E	110	340	129	1.50	100	0.857
LGKAB 50E	110	440	129	1.50	100	1.116
LGKAB 60E	110	540	129	1.50	100	1.358



LGVTO

Cable ladder connector, T-joint, top

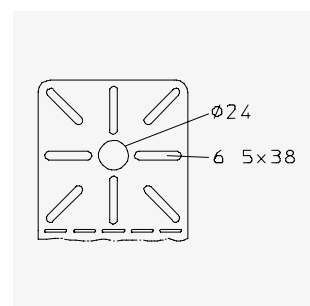
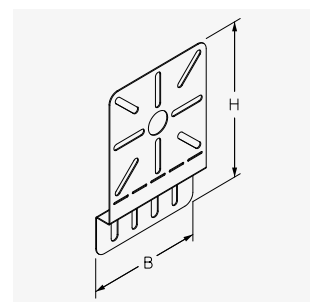
Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
LGVTO S	18	50	50	2.00	0.071
Steel, hot-dip galvanised					
LGVTO F	18	50	50	2.00	0.075
Stainless steel, acc. to AISI 304 (BS 304S31)					
LGVTO E	18	50	50	2.00	0.071
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
LGVTO E4	18	50	50	2.00	0.072



MP-L

Mounting plate

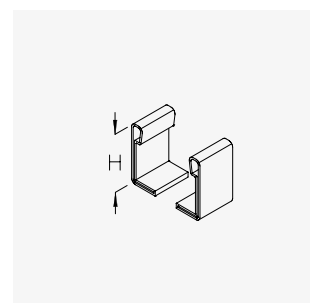
Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
MP-L 60S	185	120	1.00	0.178
Steel, hot-dip galvanised				
MP-L 60F	185	120	1.00	0.189
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
MP-L 60E4	185	120	1.00	0.181



SL 60

Protection cap

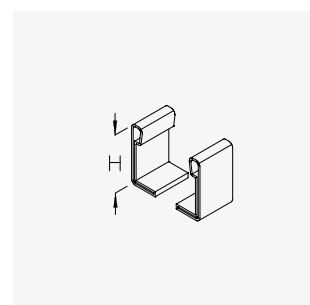
Article	H mm	G kg
polyethylen		
SL 60	60	0.024



SL 100

Protection cap

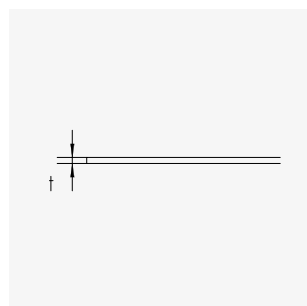
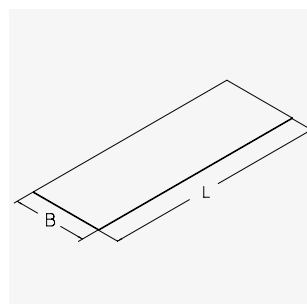
Article	H mm	G kg
polyethylen		
SL 100	100	0.032



EL

Fibre cement panel

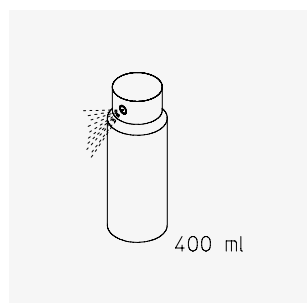
Article	B mm	L mm	t mm	G kg
fiber reinforced concrete				
EL 20	190	1250	4.50	1.430
EL 30	290	1250	4.50	2.180
EL 40	390	1250	4.50	2.930
EL 50	490	1250	4.50	3.680
EL 60	590	1250	4.50	4.430



KZS

Cold zinc spray

Article	G kg
KZS	0.403

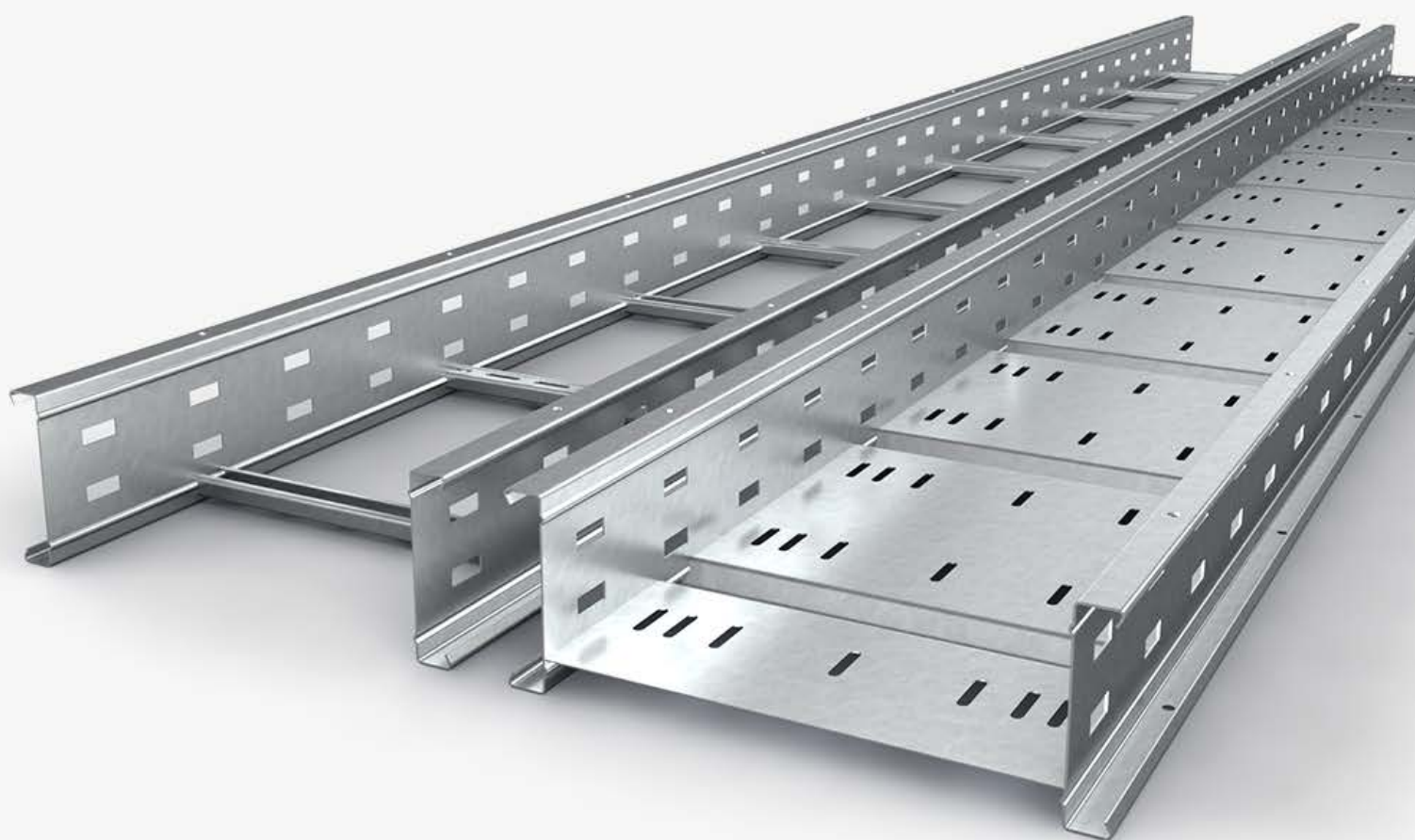


KZF

Cold zinc paint

Article	G kg
KZF	1.035





Wide-span Systems

Wide-Span Cable Ladders	164
Wide-Span Cable Trays	171
Wide-Span Cable Ladder Fittings	178
Wide-Span Cable Tray Fittings	188
Covers	199
Accessories	211



Wide-Span Cable Ladders

WPL 100

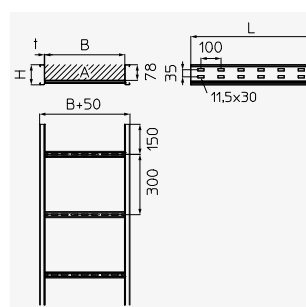
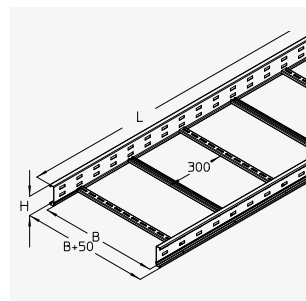
Wide-span cable ladder, height = 100 mm



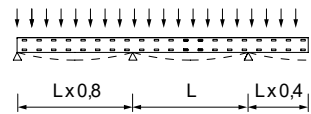
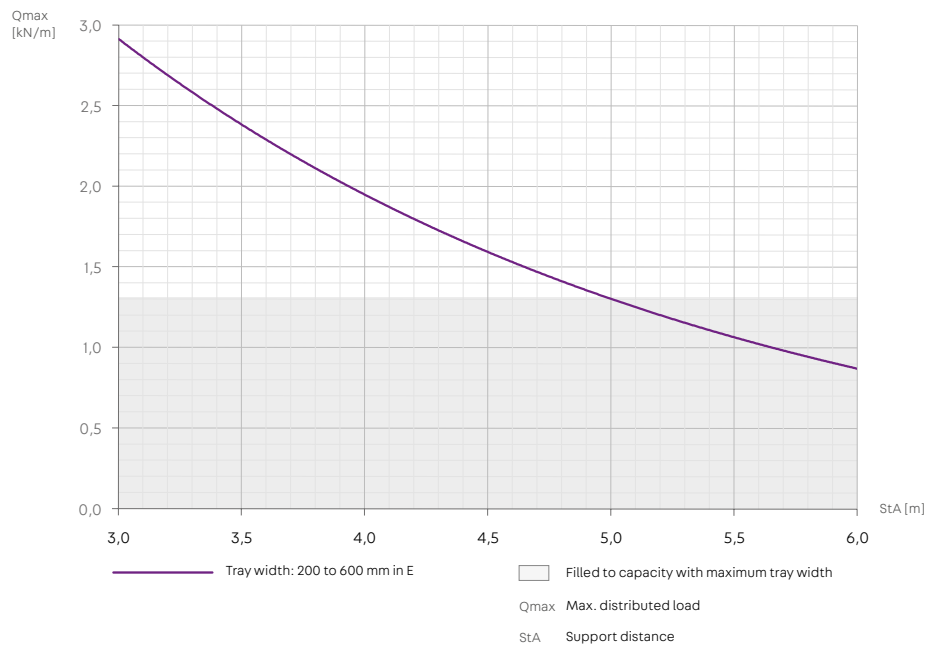
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{LK} kN/m	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)							
WPL 100-20E	100	200	6000	1.50	156	0.44	24.750
WPL 100-30E	100	300	6000	1.50	234	0.66	26.130
WPL 100-40E	100	400	6000	1.50	312	0.87	27.510
WPL 100-50E	100	500	6000	1.50	390	1.09	28.890
WPL 100-60E	100	600	6000	1.50	468	1.31	30.270
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
WPL 100-20E4	100	200	6000	1.50	156	0.44	25.060
WPL 100-30E4	100	300	6000	1.50	234	0.66	26.460
WPL 100-40E4	100	400	6000	1.50	312	0.87	27.860
WPL 100-50E4	100	500	6000	1.50	390	1.09	29.260
WPL 100-60E4	100	600	6000	1.50	468	1.31	30.650

optional accessories

WPEA 100	Wide-span add-on corner	178, 188
WPLEAB 100	Wide-span cable ladder add-on corner	179
WPLB 100	Wide-span cable ladder bend, height = 100 mm	180
WPLS 100	Wide-span cable ladder riser, height = 100 mm	181
WPLF 100	Wide-span cable ladder riser, height = 100 mm	182
WPLA 100	Wide-span cable ladder tee, height = 100 mm	183
WPLAA 100	Wide-span cable ladder add-on tee, height = 100 mm	185
WPLK 100	Wide-span cable ladder crossing, height = 100 mm	186
WPV 100	Wide-span cable tray connector, height = 95 mm	211
WPVH 100	Wide-span cable tray connector, horizontal, height = 85 mm	212
WPVV 100	Wide-span cable tray connector, vertical, height = 100 mm	214
WPTR 100	Wide-span divider, height = 50 mm	221
WPHS-A	Wide-span rail support (profile rail)	218
WPHS-K	Wide-span rail support (bracket)	217
WPHS-P	Wide-span rail support (profile)	218
WPHS-IS	Isolation strip	218
WPLKAB	Wide-span cable ladder drop-out plate	226
H	Cable clamp for fastening to C profile rails	242, 337
WPD	Wide-span cover	199
SWP 100	Protective cap, height = 100 mm	228
MP-W	Mounting plate	227



Load diagram WPL 100



WPL 120

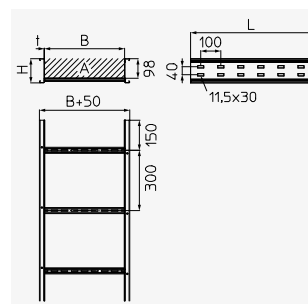
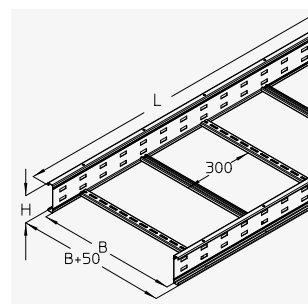
Wide-span cable ladder, height = 120 mm



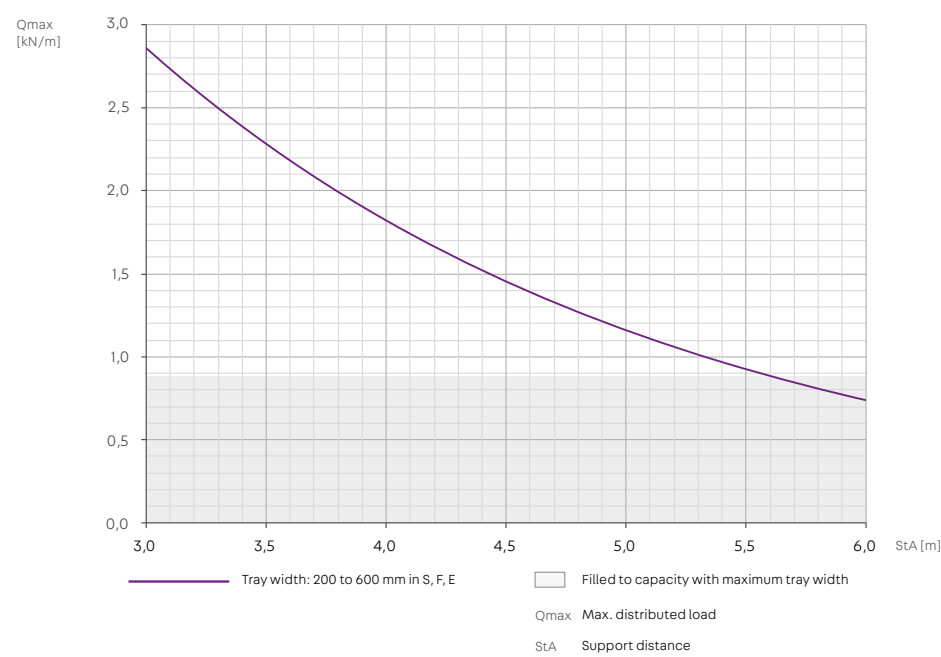
Article	H	B	L	t	A	Q _{Lk}	G
	mm	mm	mm	mm	cm ²	kN/m	kg
Steel, pre-galvanised/Sendzimir process							
WPL 120-20S	120	200	6000	1.50	196	0.55	27.350
WPL 120-30S	120	300	6000	1.50	294	0.82	28.720
WPL 120-40S	120	400	6000	1.50	392	1.10	30.090
WPL 120-50S	120	500	6000	1.50	490	1.37	31.470
WPL 120-60S	120	600	6000	1.50	588	1.65	32.840
Steel, hot-dip galvanised							
WPL 120-20F	120	200	6000	1.50	196	0.55	29.260
WPL 120-30F	120	300	6000	1.50	294	0.82	30.730
WPL 120-40F	120	400	6000	1.50	392	1.10	32.200
WPL 120-50F	120	500	6000	1.50	490	1.37	33.670
WPL 120-60F	120	600	6000	1.50	588	1.65	35.140

optional accessories

WPEA 120	Wide-span add-on corner	178, 188
WPLEAB 120	Wide-span cable ladder add-on corner	179
WPLB 120	Wide-span cable ladder bend, height = 120 mm	180
WPLS 120	Wide-span cable ladder riser, height = 120 mm	181
WPLF 120	Wide-span cable ladder riser, height = 120 mm	182
WPLA 120	Wide-span cable ladder tee, height = 120 mm	183
WPLAA 120	Wide-span cable ladder add-on tee, height = 120 mm	185
WPLK 120	Wide-span cable ladder crossing, height = 120 mm	186
WPV 120	Wide-span cable tray connector, height = 115 mm	211
WPVH 120	Wide-span cable tray connector, horizontal, height = 105 mm	212
WPVV 120	Wide-span cable tray connector, vertical, height = 120 mm	214
WPTR 120	Wide-span divider, height = 80 mm	222
WPHS-A	Wide-span rail support (profile rail)	218
WPHS-K	Wide-span rail support (bracket)	217
WPHS-P	Wide-span rail support (profile)	218
WPHS-IS	Isolation strip	218
WPLKAB	Wide-span cable ladder drop-out plate	226
H	Cable clamp for fastening to C profile rails	242, 337
WPD	Wide-span cover	199
SWP 120	Protective cap, height = 120 mm	228
MP-W	Mounting plate	227



Load diagram WPL 120

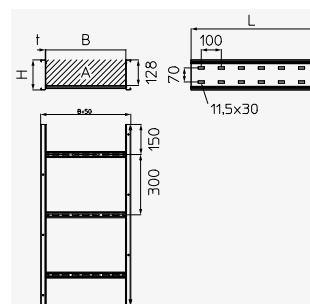
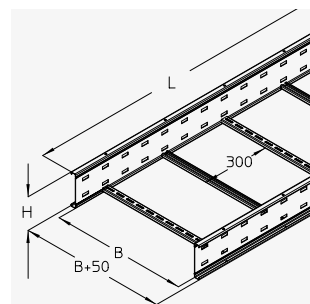


WPL 150

Wide-span cable ladder, height = 150 mm



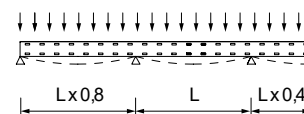
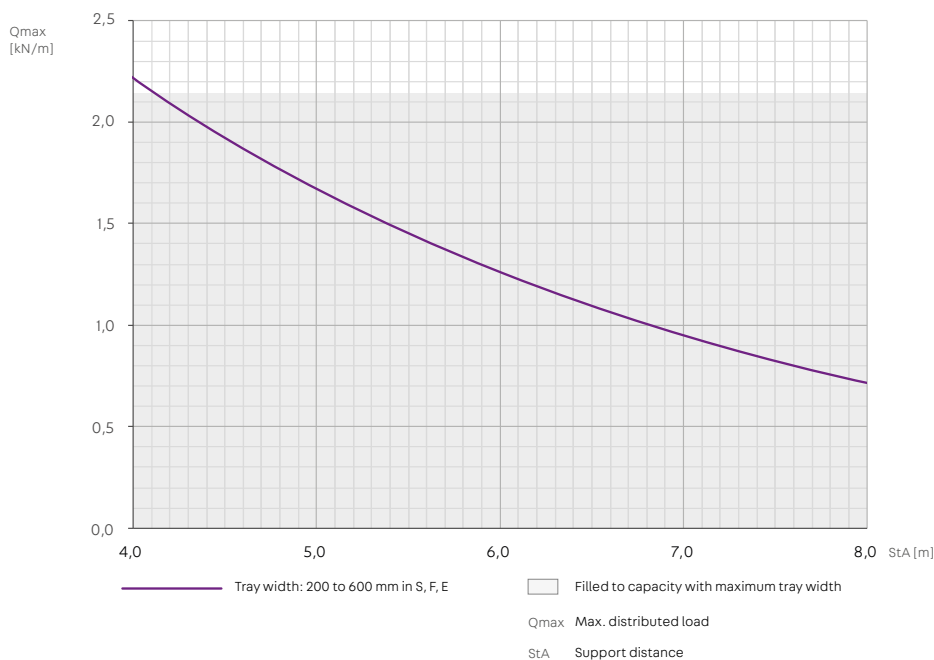
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{LK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
WPL 150-20S	150	200	6000	1.75	256	0.72	35.840
WPL 150-30S	150	300	6000	1.75	384	1.08	37.100
WPL 150-40S	150	400	6000	1.75	512	1.43	38.370
WPL 150-50S	150	500	6000	1.75	640	1.79	39.630
WPL 150-60S	150	600	6000	1.75	768	2.15	40.890
Steel, hot-dip galvanised							
WPL 150-20F	150	200	6000	1.75	256	0.72	38.350
WPL 150-30F	150	300	6000	1.75	384	1.08	39.700
WPL 150-40F	150	400	6000	1.75	512	1.43	41.050
WPL 150-50F	150	500	6000	1.75	640	1.79	42.400
WPL 150-60F	150	600	6000	1.75	768	2.15	43.760
Stainless steel, acc. to AISI 304 (BS 304S31)							
WPL 150-20E	150	200	6000	1.80	256	0.72	38.050
WPL 150-30E	150	300	6000	1.80	384	1.08	39.820
WPL 150-40E	150	400	6000	1.80	512	1.43	41.600
WPL 150-50E	150	500	6000	1.80	640	1.79	43.380
WPL 150-60E	150	600	6000	1.80	768	2.15	45.160
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
WPL 150-20E4	150	200	6000	1.80	256	0.72	38.530
WPL 150-30E4	150	300	6000	1.80	384	1.08	40.330
WPL 150-40E4	150	400	6000	1.80	512	1.43	42.130
WPL 150-50E4	150	500	6000	1.80	640	1.79	43.930
WPL 150-60E4	150	600	6000	1.80	768	2.15	45.730



optional accessories

WPEA 150	Wide-span add-on corner	178, 188
WPLEAB 150	Wide-span cable ladder add-on corner	179
WPLB 150	Wide-span cable ladder bend, height = 150 mm	180
WPLS 150	Wide-span cable ladder riser, height = 150 mm	182
WPLF 150	Wide-span cable ladder riser, height = 150 mm	183
WPLA 150	Wide-span cable ladder tee, height = 150 mm	184
WPLAA 150	Wide-span cable ladder add-on tee, height = 150 mm	185
WPLK 150	Wide-span cable ladder crossing, height = 150 mm	186
WPV 150	Wide-span cable tray connector, height = 145 mm	211
WPVH 150	Wide-span cable tray connector, horizontal, height = 135 mm	213
WPVV 150	Wide-span cable tray connector, vertical, height = 150 mm	215
WPTR 150	Wide-span divider, height = 100 mm	222
WPHS-A	Wide-span rail support (profile rail)	218
WPHS-K	Wide-span rail support (bracket)	217
WPHS-P	Wide-span rail support (profile)	218
WPHS-IS	Isolation strip	218
WPLKAB	Wide-span cable ladder drop-out plate	226
H	Cable clamp for fastening to C profile rails	242, 337
WPD	Wide-span cover	199
SWP 150	Protective cap, height = 150 mm	228
MP-W	Mounting plate	227

Load diagram WPL 150



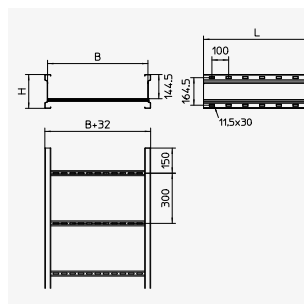
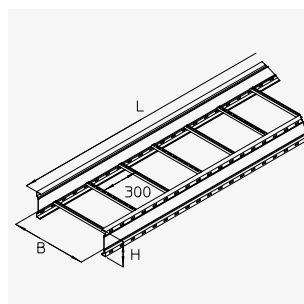
WL 200

Wide-span cable ladder, height = 200 mm

Article	H mm	B mm	L mm	t mm	A cm ²	Q _{LK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
WL 200-20S	202	200	6000	2.00	285	0.8	56.480
WL 200-30S	202	300	6000	2.00	430	1.2	58.240
WL 200-40S	202	400	6000	2.00	574	1.61	60.000
WL 200-50S	202	500	6000	2.00	719	2.01	61.770
WL 200-60S	202	600	6000	2.00	863	2.42	63.530

optional accessories

WLB 200	Wide-span cable ladder bend, height = 204 mm	181
WLA 200	Wide-span cable ladder branch, height = 208 mm	184
WLK 200	Wide-span cable ladder crossing, height = 208 mm	187
WLD	Wide-span cover	199
WLDR	Wide-span cover	200
WLHS	Wide-span cable ladder rail support	219
WLKL	Wide-span cable ladder hold-down clamp	220
WLKLA	Wide-span cable ladder hold-down clamp	220
WLKLT	Wide-span cable ladder clamp	221
WLV 200	Wide-span cable ladder connector, height = 200 mm	212
WLVH 200	Wide-span cable ladder connector, horizontal, height = 200 mm	213
WLVV 200	Wide-span cable ladder connector, vertical, height = 200 mm	215
WTR 200	Wide-span cable tray divider, height = 100 mm	223
H	Cable clamp for fastening to C profile rails	242, 337
MP-W	Mounting plate	227



WL 200

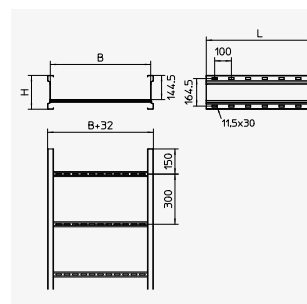
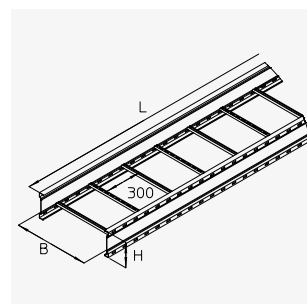
Wide-span cable ladder, height = 200 mm



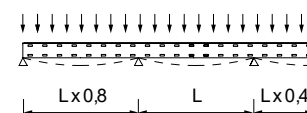
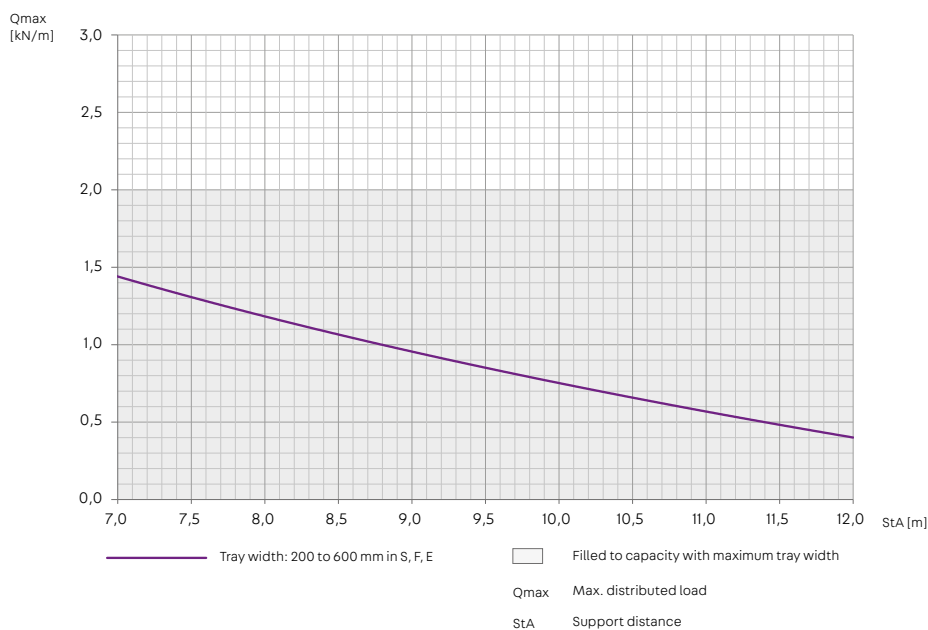
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{LK} kN/m	G kg
Steel, hot-dip galvanised							
WL 200-20F	202	200	6000	2.00	285	0.8	60.440
WL 200-30F	202	300	6000	2.00	430	1.2	62.320
WL 200-40F	202	400	6000	2.00	574	1.61	64.200
WL 200-50F	202	500	6000	2.00	719	2.01	66.090
WL 200-60F	202	600	6000	2.00	863	2.42	67.970

optional accessories

WLB 200	Wide-span cable ladder bend, height = 204 mm	181
WLA 200	Wide-span cable ladder branch, height = 208 mm	184
WLK 200	Wide-span cable ladder crossing, height = 208 mm	187
WLD	Wide-span cover	199
WLDR	Wide-span cover	200
WLHS	Wide-span cable ladder rail support	219
WLKL	Wide-span cable ladder hold-down clamp	220
WLKLA	Wide-span cable ladder hold-down clamp	220
WLKLT	Wide-span cable ladder clamp	221
WLV 200	Wide-span cable ladder connector, height = 200 mm	212
WLVH 200	Wide-span cable ladder connector, horizontal, height = 200 mm	213
WLVV 200	Wide-span cable ladder connector, vertical, height = 200 mm	215
WTR 200	Wide-span cable tray divider, height = 100 mm	223
H	Cable clamp for fastening to C profile rails	242, 337
MP-W	Mounting plate	227



Load diagram WL 200



Wide-Span Cable Trays

WPR 100

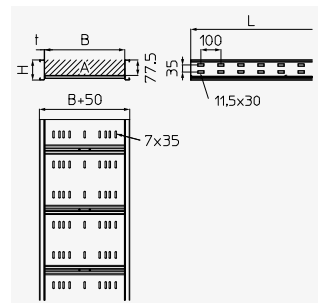
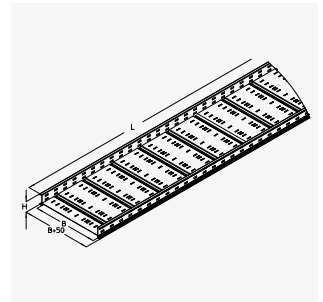
Wide-span cable tray, height = 100 mm



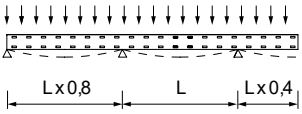
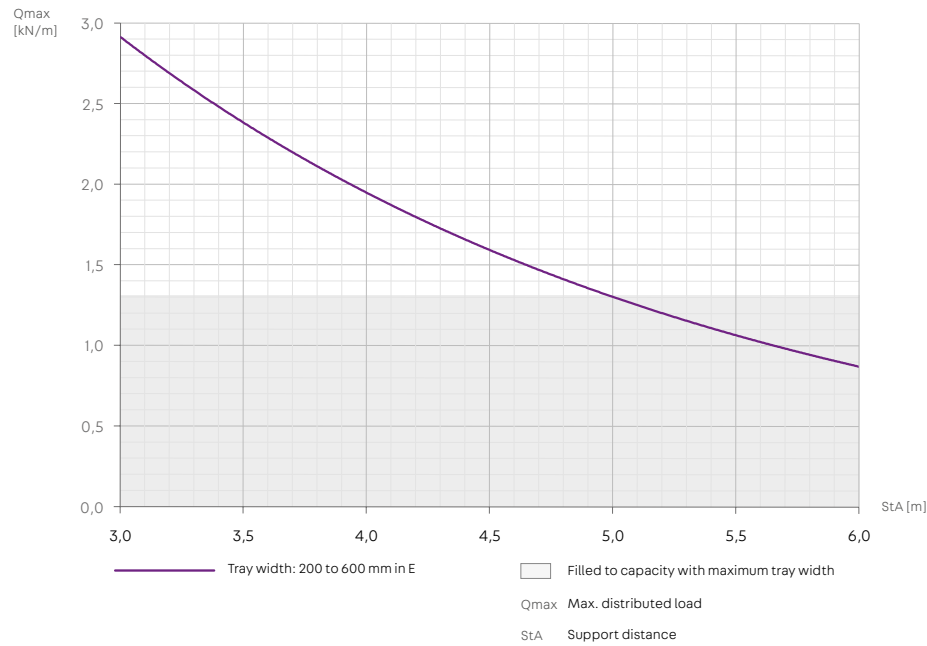
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)							
WPR 100-20E	100	200	6000	1.50	156	0.23	36.240
WPR 100-30E	100	300	6000	1.50	234	0.35	43.120
WPR 100-40E	100	400	6000	1.50	312	0.47	50.240
WPR 100-50E	100	500	6000	1.50	390	0.59	57.360
WPR 100-60E	100	600	6000	1.50	468	0.70	64.460
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
WPR 100-20E4	100	200	6000	1.50	156	0.23	36.240
WPR 100-30E4	100	300	6000	1.50	234	0.35	43.700
WPR 100-40E4	100	400	6000	1.50	312	0.47	50.900
WPR 100-50E4	100	500	6000	1.50	390	0.59	58.100
WPR 100-60E4	100	600	6000	1.50	468	0.70	65.300

optional accessories

WPRB 100	Wide-span cable tray bend, height = 100 mm	190
WPREAB 100	Wide-span cable tray add-on corner	189
WPEA 100	Wide-span add-on corner	178, 188
WPRA 100	Wide-span cable tray tee, height = 100 mm	194
WPRAA 100	Wide-span cable tray add-on tee, height = 100 mm	196
WPRK 100	Wide-span cable tray crossing, height = 100 mm	197
WPV 100	Wide-span cable tray connector, height = 95 mm	211
WPVH 100	Wide-span cable tray connector, horizontal, height = 85 mm	212
WPVV 100	Wide-span cable tray connector, vertical, height = 100 mm	214
VB	Bottom plate	88, 216
WPTR 100	Wide-span divider, height = 50 mm	221
WPHS-A	Wide-span rail support (profile rail)	218
WPHS-K	Wide-span rail support (bracket)	217
WPHS-P	Wide-span rail support (profile)	218
WPHS-IS	Isolation strip	218
WPRES	Wide-span cable tray end plate	227
WPRKAB	Wide-span cable tray drop-out plate	226
H	Cable clamp for fastening to C profile rails	242, 337
WPD	Wide-span cover	199
MP-W	Mounting plate	227



Load diagram WPR 100



WPR 120

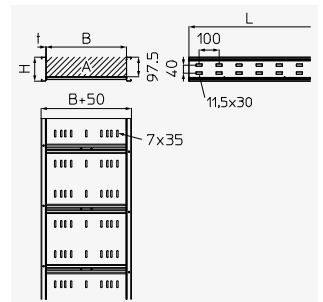
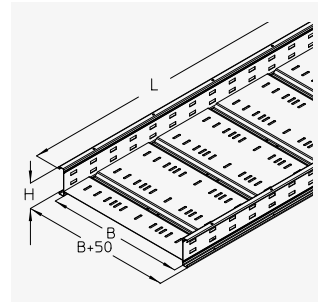
Wide-span cable tray, height = 120 mm



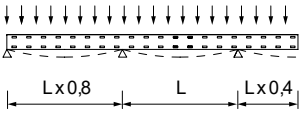
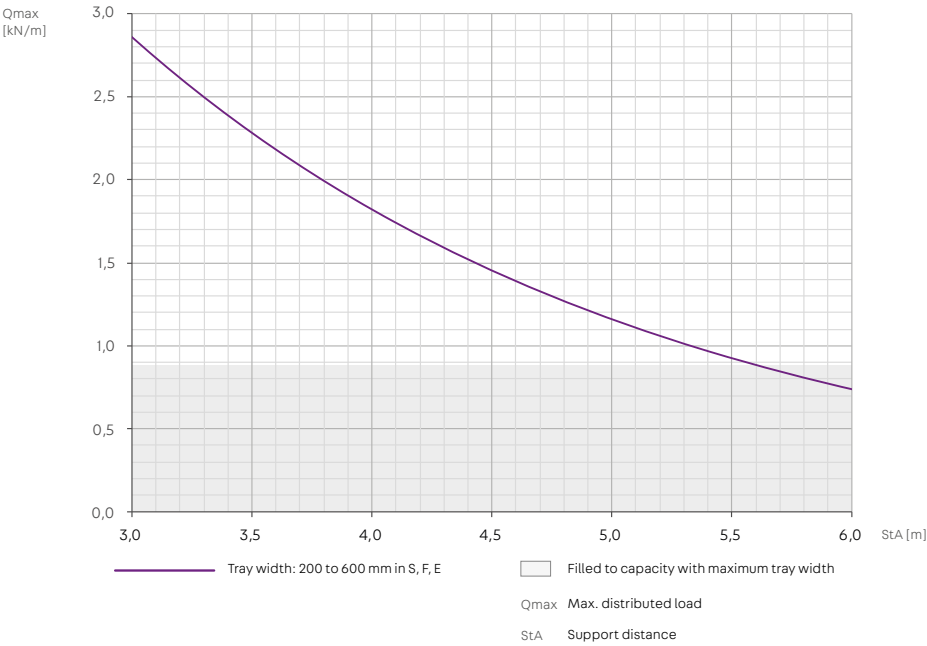
Article	H	B	L	t	A	Q _{SK}	G
	mm	mm	mm	mm	cm ²	kN/m	kg
Steel, pre-galvanised/Sendzimir process							
WPR 120-20S	120	200	6000	1.50	196	0.29	36.410
WPR 120-30S	120	300	6000	1.50	294	0.44	42.100
WPR 120-40S	120	400	6000	1.50	392	0.59	47.970
WPR 120-50S	120	500	6000	1.50	490	0.74	53.830
WPR 120-60S	120	600	6000	1.50	588	0.88	59.700
Steel, hot-dip galvanised							
WPR 120-20F	120	200	6000	1.50	196	0.29	38.800
WPR 120-30F	120	300	6000	1.50	294	0.44	44.880
WPR 120-40F	120	400	6000	1.50	392	0.59	51.160
WPR 120-50F	120	500	6000	1.50	490	0.74	57.440
WPR 120-60F	120	600	6000	1.50	588	0.88	63.720

optional accessories

WPRB 120	Wide-span cable tray bend, height = 120 mm	190
WPREAB 120	Wide-span cable tray add-on corner	189
WPEA 120	Wide-span add-on corner	178, 188
WPR A 120	Wide-span cable tray tee, height = 120 mm	194
WPR AA 120	Wide-span cable tray add-on tee, height = 120 mm	196
WPRK 120	Wide-span cable tray crossing, height = 120 mm	197
WPV 120	Wide-span cable tray connector, height = 115 mm	211
WPVH 120	Wide-span cable tray connector, horizontal, height = 105 mm	212
WPVV 120	Wide-span cable tray connector, vertical, height = 120 mm	214
VB	Bottom plate	88, 216
WPTR 120	Wide-span divider, height = 80 mm	222
WPHS-A	Wide-span rail support (profile rail)	218
WPHS-K	Wide-span rail support (bracket)	217
WPHS-P	Wide-span rail support (profile)	218
WPHS-IS	Isolation strip	218
WPREB	Wide-span cable tray end plate	227
WPRKAB	Wide-span cable tray drop-out plate	226
H	Cable clamp for fastening to C profile rails	242, 337
WPD	Wide-span cover	199
MP-W	Mounting plate	227



Load diagram WPR 120



WPR 150

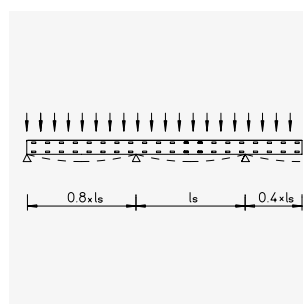
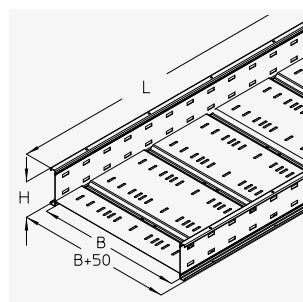
Wide-span cable tray, height = 150 mm



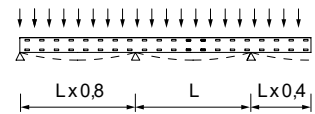
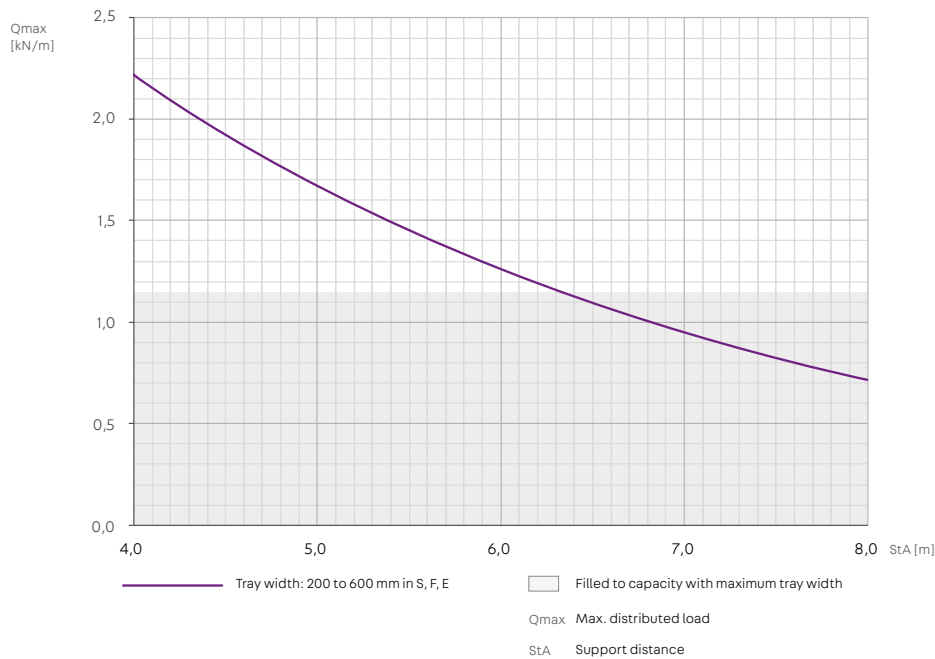
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
WPR 150-20S	150	200	6000	1.75	256	0.38	45.130
WPR 150-30S	150	300	6000	1.75	384	0.58	50.810
WPR 150-40S	150	400	6000	1.75	512	0.77	56.680
WPR 150-50S	150	500	6000	1.75	640	0.96	62.550
WPR 150-60S	150	600	6000	1.75	768	1.15	68.410
Steel, hot-dip galvanised							
WPR 150-20F	150	200	6000	1.75	256	0.38	48.280
WPR 150-30F	150	300	6000	1.75	384	0.58	54.360
WPR 150-40F	150	400	6000	1.75	512	0.77	60.640
WPR 150-50F	150	500	6000	1.75	640	0.96	66.920
WPR 150-60F	150	600	6000	1.75	768	1.15	73.200
Stainless steel, acc. to AISI 304 (BS 304S31)							
WPR 150-20E	150	200	6000	1.80	256	0.38	48.800
WPR 150-30E	150	300	6000	1.80	384	0.58	55.680
WPR 150-40E	150	400	6000	1.80	512	0.77	62.800
WPR 150-50E	150	500	6000	1.80	640	0.96	69.920
WPR 150-60E	150	600	6000	1.80	768	1.15	77.020
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
WPR 150-20E4	150	200	6000	1.80	256	0.38	49.420
WPR 150-30E4	150	300	6000	1.80	384	0.58	56.400
WPR 150-40E4	150	400	6000	1.80	512	0.77	63.600
WPR 150-50E4	150	500	6000	1.80	640	0.96	70.800
WPR 150-60E4	150	600	6000	1.80	768	1.15	78.000

optional accessories

WPRB 150	Wide-span cable tray bend, height = 150 mm	190
WPREAB 150	Wide-span cable tray add-on corner	189
WPEA 150	Wide-span add-on corner	178, 188
WPRA 150	Wide-span cable tray tee, height = 150 mm	195
WPRAA 150	Wide-span cable tray add-on tee, height = 150 mm	196
WPRK 150	Wide-span cable tray crossing, height = 150 mm	197
WPV 150	Wide-span cable tray connector, height = 145 mm	211
WPVH 150	Wide-span cable tray connector, horizontal, height = 135 mm	213
WPVV 150	Wide-span cable tray connector, vertical, height = 150 mm	215
VB	Bottom plate	88, 216
WPTR 150	Wide-span divider, height = 100 mm	222
WPHS-A	Wide-span rail support (profile rail)	218
WPHS-K	Wide-span rail support (bracket)	217
WPHS-P	Wide-span rail support (profile)	218
WPHS-IS	Isolation strip	218
WPREB	Wide-span cable tray end plate	227
WPRKAB	Wide-span cable tray drop-out plate	226
H	Cable clamp for fastening to C profile rails	242, 337
WPD	Wide-span cover	199
MP-W	Mounting plate	227



Load diagram WPR 150



WLR 200

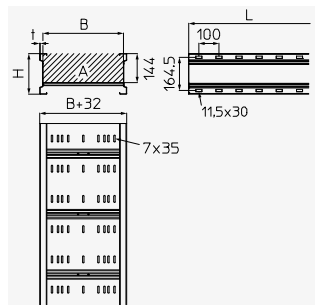
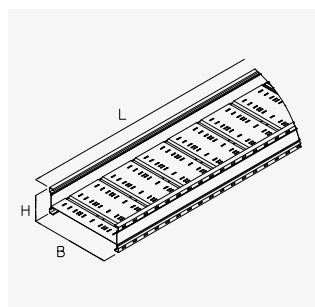
Wide-span cable tray, height = 200 mm



Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, pre-galvanised/Sendzimir process							
WLR 200-20S	202	200	6000	2.00	284	0.43	64.730
WLR 200-30S	202	300	6000	2.00	428	0.64	70.420
WLR 200-40S	202	400	6000	2.00	572	0.86	76.290
WLR 200-50S	202	500	6000	2.00	716	1.07	82.150
WLR 200-60S	202	600	6000	2.00	860	1.29	88.020

optional accessories

WLRB 200	Wide-span cable tray bend, height = 204 mm	191
WLRA 200	Wide-span cable tray tee, height = 208 mm	195
WLRK 200	Wide-span cable tray crossing, height = 208 mm	198
WLKL	Wide-span cable ladder hold-down clamp	220
WLKLA	Wide-span cable ladder hold-down clamp	220
WLKLT	Wide-span cable ladder clamp	221
WLV 200	Wide-span cable ladder connector, height = 200 mm	212
WLVH 200	Wide-span cable ladder connector, horizontal, height = 200 mm	213
WLVV 200	Wide-span cable ladder connector, vertical, height = 200 mm	215
WTR 200	Wide-span cable tray divider, height = 100 mm	223
VB	Bottom plate	88, 216
WLD	Wide-span cover	199
WLDR	Wide-span cover	200
WLHS	Wide-span cable ladder rail support	219
MP-W	Mounting plate	227



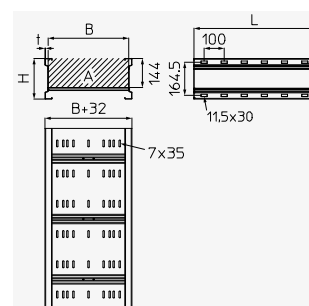
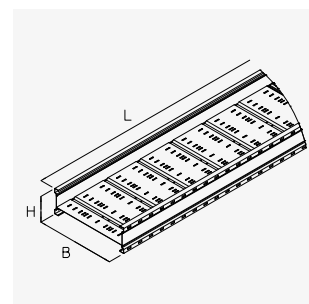
WLR 200

Wide-span cable tray, height = 200 mm

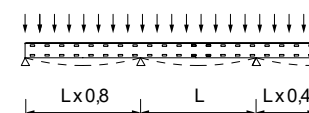
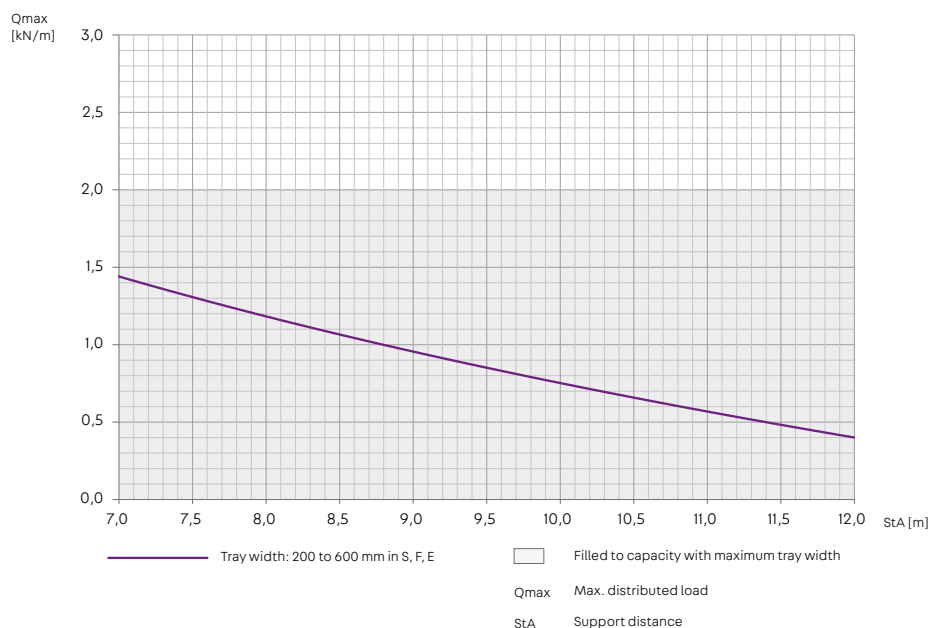
Article	H mm	B mm	L mm	t mm	A cm ²	Q _{SK} kN/m	G kg
Steel, hot-dip galvanised							
WLR 200-20F	202	200	6000	2.00	284	0.43	69.310
WLR 200-30F	202	300	6000	2.00	428	0.64	75.390
WLR 200-40F	202	400	6000	2.00	572	0.86	81.670
WLR 200-50F	202	500	6000	2.00	716	1.07	87.950
WLR 200-60F	202	600	6000	2.00	860	1.29	94.230

optional accessories

WLRB 200	Wide-span cable tray bend, height = 204 mm	191
WLRA 200	Wide-span cable tray tee, height = 208 mm	195
WLRC 200	Wide-span cable tray crossing, height = 208 mm	198
WLKL	Wide-span cable ladder hold-down clamp	220
WLKLA	Wide-span cable ladder hold-down clamp	220
WLKLT	Wide-span cable ladder clamp	221
WLV 200	Wide-span cable ladder connector, height = 200 mm	212
WLVH 200	Wide-span cable ladder connector, horizontal, height = 200 mm	213
WLTV 200	Wide-span cable ladder connector, vertical, height = 200 mm	215
WTR 200	Wide-span cable tray divider, height = 100 mm	223
VB	Bottom plate	88, 216
WLD	Wide-span cover	199
WLDR	Wide-span cover	200
WLHS	Wide-span cable ladder rail support	219
MP-W	Mounting plate	227



Load diagram WLR 200



Wide-Span Cable Ladder Fittings

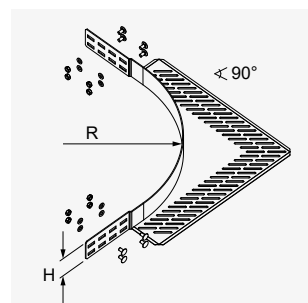
WPEA 100

Wide-span add-on corner

Article	H mm	R mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPEA 100E	70	450	90°	4.182

optional accessories

WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223
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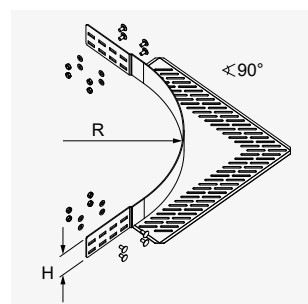
WPEA 120

Wide-span add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPEA 120F	95	450	90°	5.068

optional accessories

WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223
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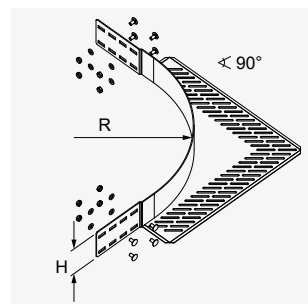
WPEA 150

Wide-span add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPEA 150F	115	450	90°	5.692
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPEA 150E	115	450	90°	5.354

optional accessories

WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224
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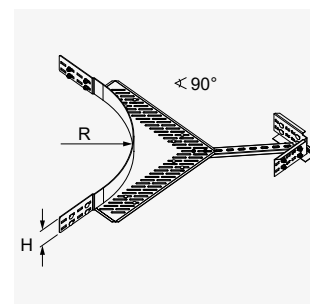
WPLEAB 100

Wide-span cable ladder add-on corner

Article	H mm	R mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPLEAB 100E	70	450	90°	6.488

optional accessories

EBW	Corner support	217,403
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223



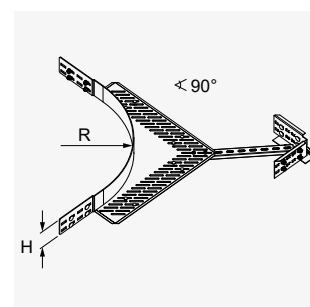
WPLEAB 120

Wide-span cable ladder add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPLEAB 120F	95	450	90°	7.966

optional accessories

EBW	Corner support	217,403
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223



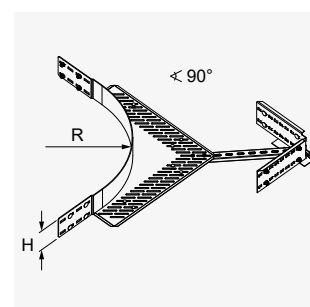
WPLEAB 150

Wide-span cable ladder add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPLEAB 150F	115	450	90°	9.238
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPLEAB 150E	115	450	90°	8.404

optional accessories

EBW	Corner support	217,403
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



WPLB 100

Wide-span cable ladder bend, height = 100 mm

Article	H mm	B mm	R mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLB 100-20E	100	200	450	90°	7.310
WPLB 100-30E	100	300	450	90°	8.010
WPLB 100-40E	100	400	450	90°	8.990
WPLB 100-50E	100	500	450	90°	10.100
WPLB 100-60E	100	600	450	90°	10.940

optional accessories

WPBD	Wide-span bend cover	201
EBW	Corner support	217,403
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223

WPLB 120

Wide-span cable ladder bend, height = 120 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
WPLB 120-20F	120	200	450	90°	9.150
WPLB 120-30F	120	300	450	90°	9.970
WPLB 120-40F	120	400	450	90°	11.090
WPLB 120-50F	120	500	450	90°	12.350
WPLB 120-60F	120	600	450	90°	13.320

optional accessories

WPBD	Wide-span bend cover	201
EBW	Corner support	217,403
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223

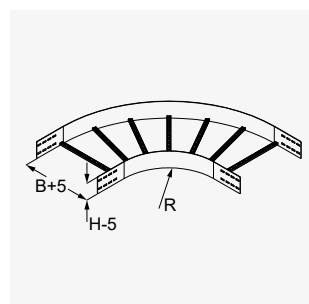
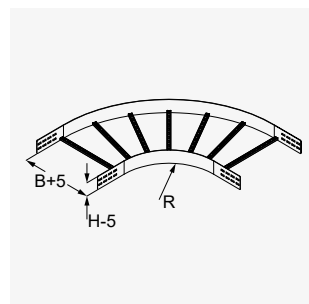
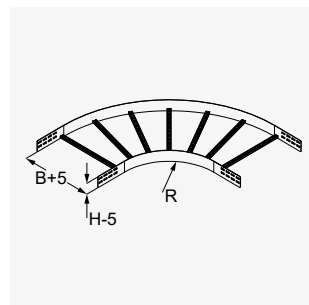
WPLB 150

Wide-span cable ladder bend, height = 150 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
WPLB 150-20F	150	200	450	90°	11.260
WPLB 150-30F	150	300	450	90°	12.200
WPLB 150-40F	150	400	450	90°	13.440
WPLB 150-50F	150	500	450	90°	14.830
WPLB 150-60F	150	600	450	90°	15.920
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLB 150-20E	150	200	450	90°	10.630
WPLB 150-30E	150	300	450	90°	11.510
WPLB 150-40E	150	400	450	90°	12.680
WPLB 150-50E	150	500	450	90°	13.980
WPLB 150-60E	150	600	450	90°	15.000

optional accessories

WPBD	Wide-span bend cover	201
EBW	Corner support	217,403
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



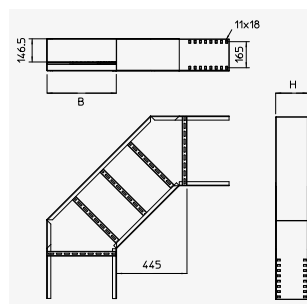
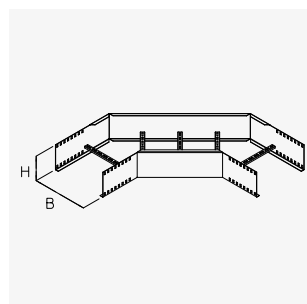
WLB 200

Wide-span cable ladder bend, height = 204 mm

Article	H	B	L	W	G
	mm	mm	mm		kg
Steel, hot-dip galvanised					
WLB 200-20F	204	237	952	90°	15.000
WLB 200-30F	204	337	1052	90°	16.320
WLB 200-40F	204	437	1152	90°	17.460
WLB 200-50F	204	537	1252	90°	18.690
WLB 200-60F	204	637	1352	90°	19.920

optional accessories

WLBD	Wide-span bend cover	201
WLBDR	Wide-span bend cover	202
EBW	Corner support	217, 403
WTRV 200	Wide-span cable tray divider, flexible, height = 100 mm	224



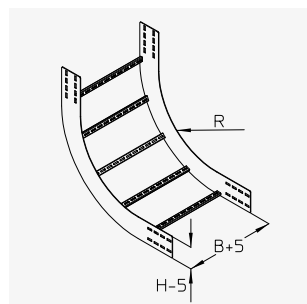
WPLS 100

Wide-span cable ladder riser, height = 100 mm

Article	H	B	R	W	G
	mm	mm	mm		kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLS 100-20E	100	200	450	90°	6.770
WPLS 100-30E	100	300	450	90°	7.040
WPLS 100-40E	100	400	450	90°	7.320
WPLS 100-50E	100	500	450	90°	7.600
WPLS 100-60E	100	600	450	90°	7.870

optional accessories

WPSD	Wide-span riser cover	202
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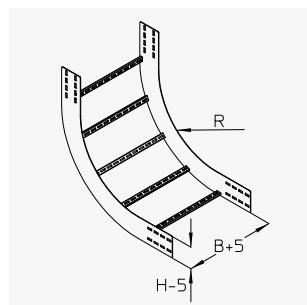
WPLS 120

Wide-span cable ladder riser, height = 120 mm

Article	H	B	R	W	G
	mm	mm	mm		kg
Steel, hot-dip galvanised					
WPLS 120-20F	120	200	450	90°	8.570
WPLS 120-30F	120	300	450	90°	8.870
WPLS 120-40F	120	400	450	90°	9.160
WPLS 120-50F	120	500	450	90°	9.450
WPLS 120-60F	120	600	450	90°	9.750

optional accessories

WPSD	Wide-span riser cover	202
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WPLS 150

Wide-span cable ladder riser, height = 150 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
WPLS 150-20F	150	200	450	90°	10.900
WPLS 150-30F	150	300	450	90°	11.270
WPLS 150-40F	150	400	450	90°	11.640
WPLS 150-50F	150	500	450	90°	12.000
WPLS 150-60F	150	600	450	90°	12.370
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLS 150-20E	150	200	450	90°	10.290
WPLS 150-30E	150	300	450	90°	11.550
WPLS 150-40E	150	400	450	90°	10.980
WPLS 150-50E	150	500	450	90°	11.320
WPLS 150-60E	150	600	450	90°	11.670

optional accessories

WPSD Wide-span riser cover 202

WPLF 100

Wide-span cable ladder riser, height = 100 mm

Article	H mm	B mm	R mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLF 100-20E	100	200	450	90°	7.120
WPLF 100-30E	100	300	450	90°	7.400
WPLF 100-40E	100	400	450	90°	7.670
WPLF 100-50E	100	500	450	90°	7.950
WPLF 100-60E	100	600	450	90°	8.230

optional accessories

WPFD Wide-span riser cover 203

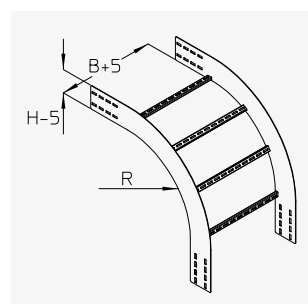
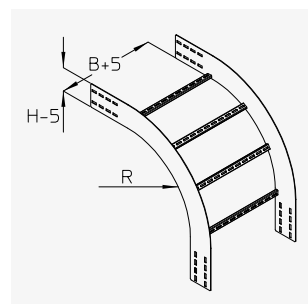
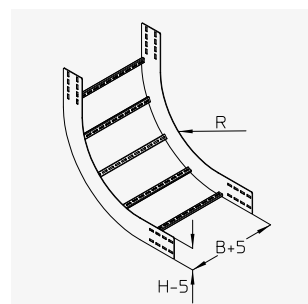
WPLF 120

Wide-span cable ladder riser, height = 120 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
WPLF 120-20F	120	200	450	90°	8.850
WPLF 120-30F	120	300	450	90°	9.140
WPLF 120-40F	120	400	450	90°	9.430
WPLF 120-50F	120	500	450	90°	9.730
WPLF 120-60F	120	600	450	90°	10.020

optional accessories

WPFD Wide-span riser cover 203



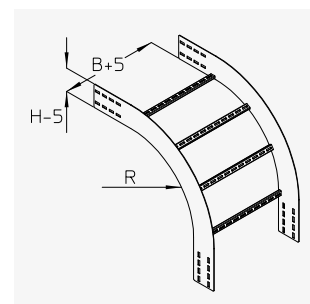
WPLF 150

Wide-span cable ladder riser, height = 150 mm

Article	H	B	R	W	G
	mm	mm	mm		kg
Steel, hot-dip galvanised					
WPLF 150-20F	150	200	450	90°	10.750
WPLF 150-30F	150	300	450	90°	11.050
WPLF 150-40F	150	400	450	90°	11.340
WPLF 150-50F	150	500	450	90°	11.630
WPLF 150-60F	150	600	450	90°	11.930
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLF 150-20E	150	200	450	90°	10.150
WPLF 150-30E	150	300	450	90°	10.420
WPLF 150-40E	150	400	450	90°	10.700
WPLF 150-50E	150	500	450	90°	10.980
WPLF 150-60E	150	600	450	90°	11.250

optional accessories

WPFD	Wide-span riser cover	203
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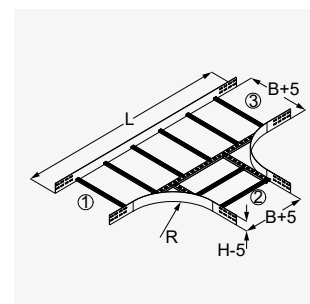
WPLA 100

Wide-span cable ladder tee, height = 100 mm

Article	H	B	L	R	G
	mm	mm	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLA 100-20E	100	200	1635	450	13.650
WPLA 100-30E	100	300	1735	450	14.630
WPLA 100-40E	100	400	1835	450	15.480
WPLA 100-50E	100	500	1935	450	16.340
WPLA 100-60E	100	600	2035	450	17.590

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223



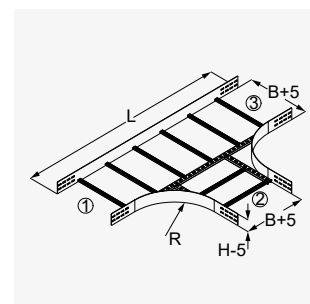
WPLA 120

Wide-span cable ladder tee, height = 120 mm

Article	H	B	L	R	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
WPLA 120-20F	120	200	1635	450	15.330
WPLA 120-30F	120	300	1735	450	16.370
WPLA 120-40F	120	400	1835	450	17.290
WPLA 120-50F	120	500	1935	450	18.210
WPLA 120-60F	120	600	2035	450	19.540

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223



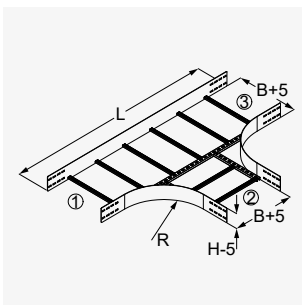
WPLA 150

Wide-span cable ladder tee, height = 150 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPLA 150-20F	150	200	1635	450	18.270
WPLA 150-30F	150	300	1735	450	19.340
WPLA 150-40F	150	400	1835	450	20.330
WPLA 150-50F	150	500	1935	450	21.320
WPLA 150-60F	150	600	2035	450	22.730
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLA 150-20E	150	200	1635	450	18.390
WPLA 150-30E	150	300	1735	450	19.440
WPLA 150-40E	150	400	1835	450	20.410
WPLA 150-50E	150	500	1935	450	21.390
WPLA 150-60E	150	600	2035	450	22.750

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



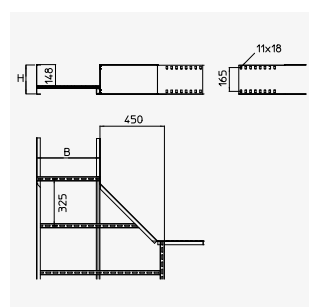
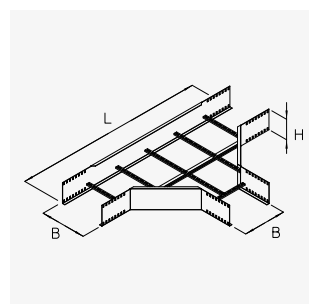
WLA 200

Wide-span cable ladder branch, height = 208 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WLA 200-20F	204	237	1667	400	23.680
WLA 200-30F	204	337	1767	400	24.800
WLA 200-40F	204	437	1867	400	25.910
WLA 200-50F	204	537	1967	400	27.640
WLA 200-60F	204	637	2067	400	28.820

optional accessories

WLAD	Wide-span tee cover	204
WLADR	Wide-span tee cover	205
WTRV 200	Wide-span cable tray divider, flexible, height = 100 mm	224



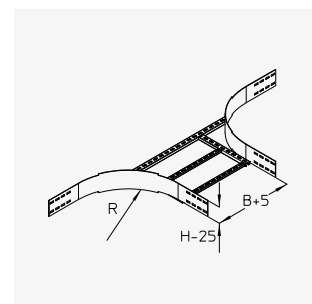
WPLAA 100

Wide-span cable ladder add-on tee, height = 100 mm

Article	H mm	B mm	L mm	R mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLAA 100-20E	100	200	1635	450	7.610
WPLAA 100-30E	100	300	1735	450	7.890
WPLAA 100-40E	100	400	1835	450	8.180
WPLAA 100-50E	100	500	1935	450	8.460
WPLAA 100-60E	100	600	2035	450	8.740

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223



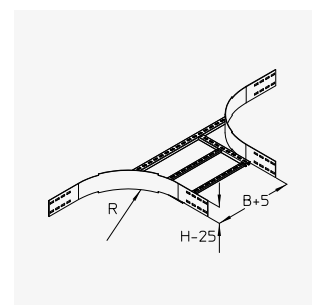
WPLAA 120

Wide-span cable ladder add-on tee, height = 120 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPLAA 120-20F	120	200	1635	450	9.290
WPLAA 120-30F	120	300	1735	450	9.590
WPLAA 120-40F	120	400	1835	450	9.890
WPLAA 120-50F	120	500	1935	450	10.200
WPLAA 120-60F	120	600	2035	450	10.500

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223



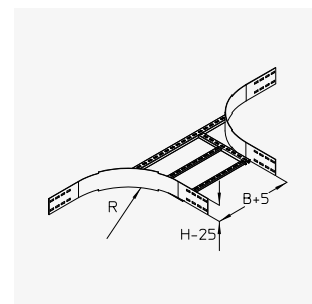
WPLAA 150

Wide-span cable ladder add-on tee, height = 150 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPLAA 150-20F	150	200	1635	450	11.150
WPLAA 150-30F	150	300	1735	450	11.450
WPLAA 150-40F	150	400	1835	450	11.750
WPLAA 150-50F	150	500	1935	450	12.050
WPLAA 150-60F	150	600	2035	450	12.350
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLAA 150-20E	150	200	1635	450	10.550
WPLAA 150-30E	150	300	1735	450	10.830
WPLAA 150-40E	150	400	1835	450	11.120
WPLAA 150-50E	150	500	1935	450	11.400
WPLAA 150-60E	150	600	2035	450	11.680

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



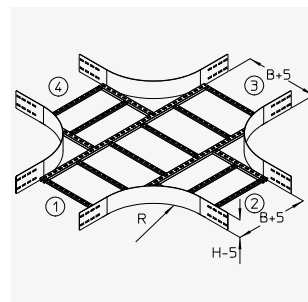
WPLK 100

Wide-span cable ladder crossing, height = 100 mm

Article	H mm	B mm	L mm	R mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLK 100-20E	100	200	1635	450	18.640
WPLK 100-30E	100	300	1735	450	19.640
WPLK 100-40E	100	400	1835	450	20.560
WPLK 100-50E	100	500	1935	450	21.470
WPLK 100-60E	100	600	2035	450	22.740

optional accessories

WPKD	Wide-span crossing cover	205
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223



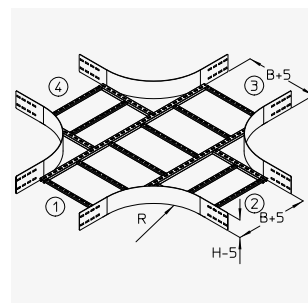
WPLK 120

Wide-span cable ladder crossing, height = 120 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPLK 120-20F	120	200	1635	450	22.260
WPLK 120-30F	120	300	1735	450	23.310
WPLK 120-40F	120	400	1835	450	24.290
WPLK 120-50F	120	500	1935	450	25.260
WPLK 120-60F	120	600	2035	450	26.610

optional accessories

WPKD	Wide-span crossing cover	205
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223



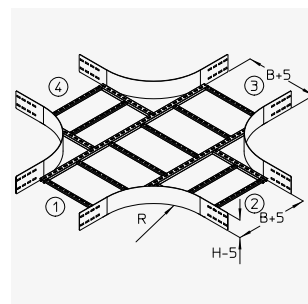
WPLK 150

Wide-span cable ladder crossing, height = 150 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPLK 150-20F	150	200	1635	450	25.980
WPLK 150-30F	150	300	1735	450	27.040
WPLK 150-40F	150	400	1835	450	28.010
WPLK 150-50F	150	500	1935	450	28.800
WPLK 150-60F	150	600	2035	450	30.340
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPLK 150-20E	150	200	1635	450	24.500
WPLK 150-30E	150	300	1735	450	25.510
WPLK 150-40E	150	400	1835	450	26.420
WPLK 150-50E	150	500	1935	450	27.340
WPLK 150-60E	150	600	2035	450	28.610

optional accessories

WPKD	Wide-span crossing cover	205
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



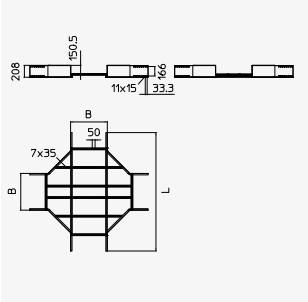
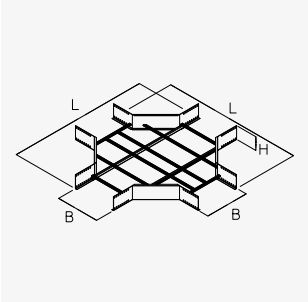
WLK 200

Wide-span cable ladder crossing, height = 208 mm

Article	H	B	L	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
WLK 200-20F	204	237	1667	34.480
WLK 200-30F	204	337	1767	35.470
WLK 200-40F	204	437	1867	36.410
WLK 200-50F	204	537	1967	38.180
WLK 200-60F	204	637	2067	39.200

optional accessories

WLKD	Wide-span crossing cover	206
WLKDR	Wide-span crossing cover with turnbuckles	206
WTRV 200	Wide-span cable tray divider, flexible, height = 100 mm	224



Wide-Span Cable Tray Fittings

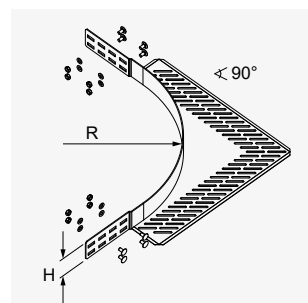
WPEA 100

Wide-span add-on corner

Article	H mm	R mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPEA 100E	70	450	90°	4.182

optional accessories

WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223
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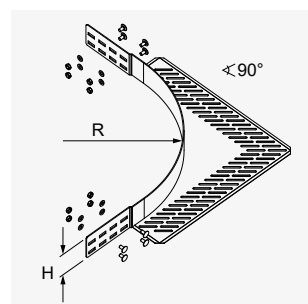
WPEA 120

Wide-span add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPEA 120F	95	450	90°	5.068

optional accessories

WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223
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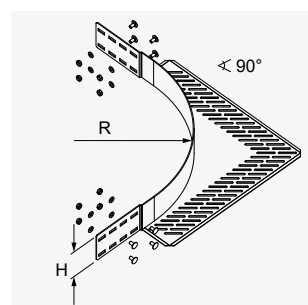
WPEA 150

Wide-span add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPEA 150F	115	450	90°	5.692
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPEA 150E	115	450	90°	5.354

optional accessories

WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224
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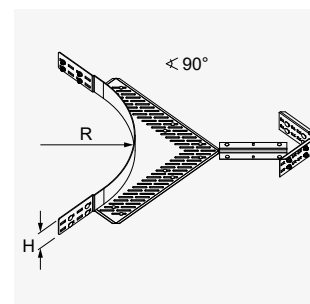
WPREAB 100

Wide-span cable tray add-on corner

Article	H mm	R mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPREAB 100E	70	450	90°	5.661

optional accessories

EBW	Corner support	217,403
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223



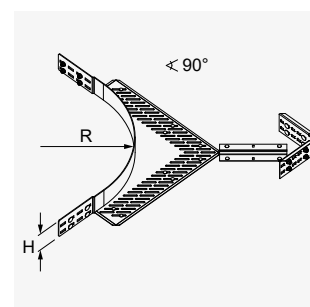
WPREAB 120

Wide-span cable tray add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPREAB 120F	95	450	90°	6.812

optional accessories

EBW	Corner support	217,403
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223



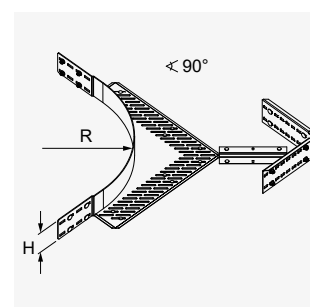
WPREAB 150

Wide-span cable tray add-on corner

Article	H mm	R mm	W	G kg
Steel, hot-dip galvanised				
WPREAB 150F	115	450	90°	8.084
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPREAB 150E	115	450	90°	7.569

optional accessories

EBW	Corner support	217,403
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



WPRB 100

Wide-span cable tray bend, height = 100 mm

Article	H mm	B mm	R mm	W	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRB 100-20E	100	200	450	90°	8.128
WPRB 100-30E	100	300	450	90°	9.408
WPRB 100-40E	100	400	450	90°	10.828
WPRB 100-50E	100	500	450	90°	12.378
WPRB 100-60E	100	600	450	90°	14.048

optional accessories

WPBD	Wide-span bend cover	201
EBW	Corner support	217,403
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223

WPRB 120

Wide-span cable tray bend, height = 120 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
WPRB 120-20F	120	200	450	90°	10.030
WPRB 120-30F	120	300	450	90°	11.490
WPRB 120-40F	120	400	450	90°	13.060
WPRB 120-50F	120	500	450	90°	14.800
WPRB 120-60F	120	600	450	90°	16.880

optional accessories

WPBD	Wide-span bend cover	201
EBW	Corner support	217,403
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223

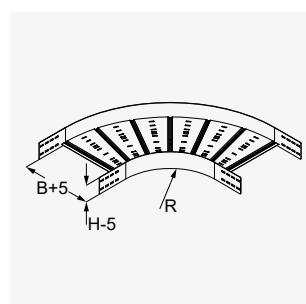
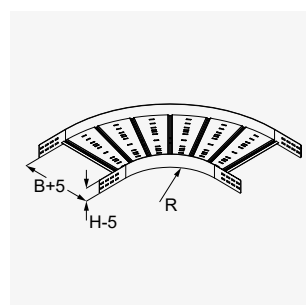
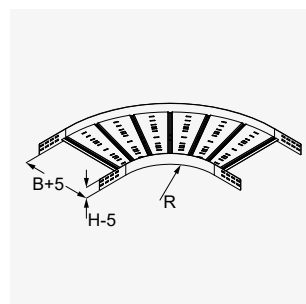
WPRB 150

Wide-span cable tray bend, height = 150 mm

Article	H mm	B mm	R mm	W	G kg
Steel, hot-dip galvanised					
WPRB 150-20F	150	200	450	90°	12.140
WPRB 150-30F	150	300	450	90°	13.720
WPRB 150-40F	150	400	450	90°	15.410
WPRB 150-50F	150	500	450	90°	17.260
WPRB 150-60F	150	600	450	90°	19.270
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRB 150-20E	150	200	450	90°	11.418
WPRB 150-30E	150	300	450	90°	12.888
WPRB 150-40E	150	400	450	90°	14.488
WPRB 150-50E	150	500	450	90°	16.228
WPRB 150-60E	150	600	450	90°	18.108

optional accessories

WPBD	Wide-span bend cover	201
EBW	Corner support	217,403
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



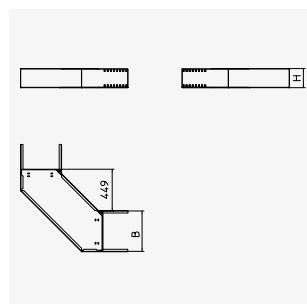
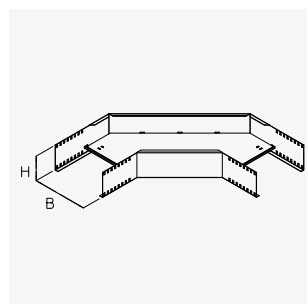
WLRB 200

Wide-span cable tray bend, height = 204 mm

Article	H	B	L	W	G
	mm	mm	mm		kg
Steel, hot-dip galvanised					
WLRB 200-20F	208	237	952	90°	16.560
WLRB 200-30F	208	337	1052	90°	18.830
WLRB 200-40F	208	437	1152	90°	20.530
WLRB 200-50F	208	537	1252	90°	22.800
WLRB 200-60F	208	637	1352	90°	25.190

optional accessories

WLBD	Wide-span bend cover	201
WLBDR	Wide-span bend cover	202
EBW	Corner support	217, 403
WTRV 200	Wide-span cable tray divider, flexible, height = 100 mm	224



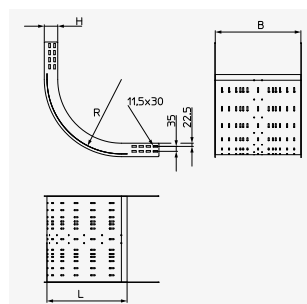
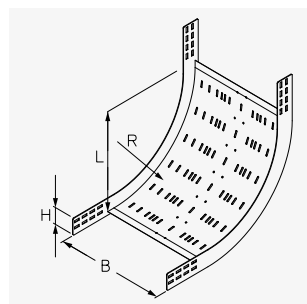
WPRS 100

Wide-span cable tray riser, height = 100 mm

Article	H	B	L	R	W	G
	mm	mm	mm	mm		kg
Stainless steel, acc. to AISI 304 (BS 304S31)						
WPRS 100-20E	100	200	565	525	90°	8.098
WPRS 100-30E	100	300	565	525	90°	8.818
WPRS 100-40E	100	400	565	525	90°	9.558
WPRS 100-50E	100	500	565	525	90°	10.298
WPRS 100-60E	100	600	565	525	90°	11.038

optional accessories

WPSD	Wide-span riser cover	202
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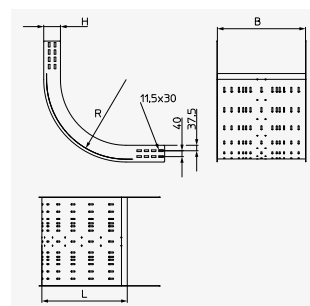
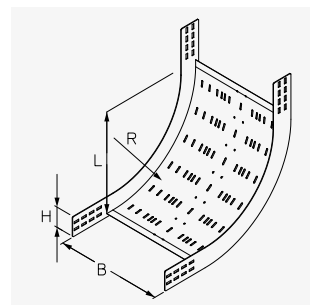
WPRS 120

Wide-span cable tray riser, height = 120 mm

Article	H	B	L	R	W	G
	mm	mm	mm	mm		kg
Steel, hot-dip galvanised						
WPRS 120-20F	120	200	585	545	90°	9.540
WPRS 120-30F	120	300	585	545	90°	10.290
WPRS 120-40F	120	400	585	545	90°	11.050
WPRS 120-50F	120	500	585	545	90°	11.810
WPRS 120-60F	120	600	585	545	90°	12.580

optional accessories

WPSD Wide-span riser cover 202



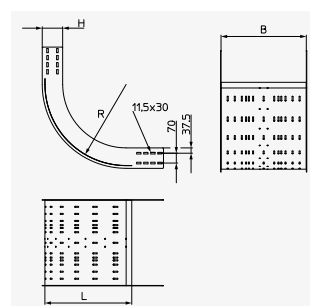
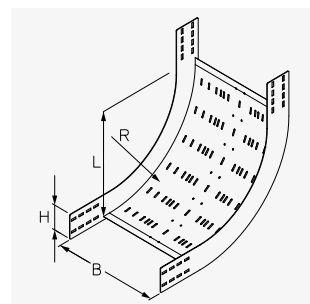
WPRS 150

Wide-span cable tray riser, height = 150 mm

Article	H	B	L	R	W	G
	mm	mm	mm	mm		kg
Steel, hot-dip galvanised						
WPRS 150-20F	150	200	616	576	90°	11.800
WPRS 150-30F	150	300	616	576	90°	12.580
WPRS 150-40F	150	400	616	576	90°	13.390
WPRS 150-50F	150	500	616	576	90°	14.190
WPRS 150-60F	150	600	616	576	90°	15.000
Stainless steel, acc. to AISI 304 (BS 304S31)						
WPRS 150-20E	150	200	616	576	90°	11.108
WPRS 150-30E	150	300	616	576	90°	11.838
WPRS 150-40E	150	400	616	576	90°	12.598
WPRS 150-50E	150	500	616	576	90°	13.348
WPRS 150-60E	150	600	616	576	90°	14.108

optional accessories

WPSD Wide-span riser cover 202



WPRF 100

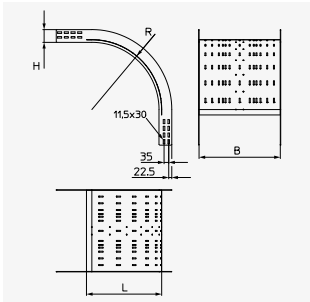
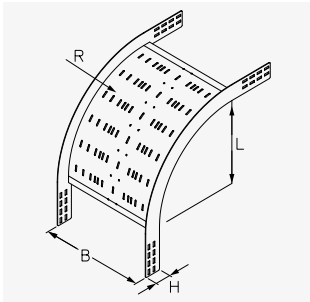
Wide-span cable tray riser, height = 100 mm

Article	H	B	L	R	W	G
	mm	mm	mm	mm		kg
Stainless steel, acc. to AISI 304 (BS 304S31)						
WPRF 100-20E	100	200	550	510	90°	7.938
WPRF 100-30E	100	300	550	510	90°	8.608
WPRF 100-40E	100	400	550	510	90°	9.288
WPRF 100-50E	100	500	550	510	90°	9.978
WPRF 100-60E	100	600	550	510	90°	10.658

optional accessories

WPFD Wide-span riser cover

203



WPRF 120

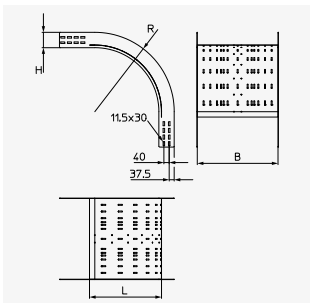
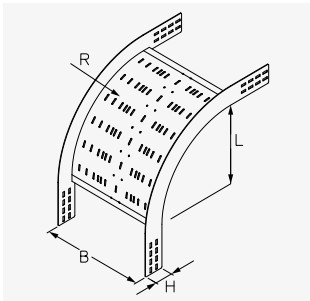
Wide-span cable tray riser, height = 120 mm

Article	H	B	L	R	W	G
	mm	mm	mm	mm		kg
Steel, hot-dip galvanised						
WPRF 120-20F	120	200	540	500	90°	9.690
WPRF 120-30F	120	300	540	500	90°	10.370
WPRF 120-40F	120	400	540	500	90°	11.080
WPRF 120-50F	120	500	540	500	90°	11.780
WPRF 120-60F	120	600	540	500	90°	12.480

optional accessories

WPFD Wide-span riser cover

203



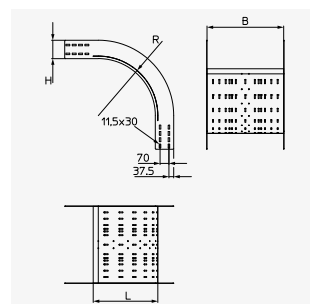
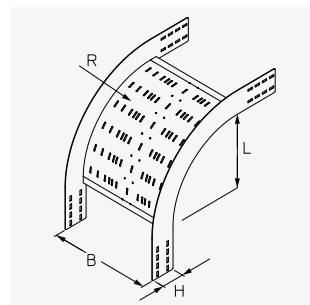
WPRF 150

Wide-span cable tray riser, height = 150 mm

Article	H mm	B mm	L mm	R mm	W	G kg
Steel, hot-dip galvanised						
WPRF 150-20F	150	200	510	470	90°	11.520
WPRF 150-30F	150	300	510	470	90°	12.160
WPRF 150-40F	150	400	510	470	90°	12.820
WPRF 150-50F	150	500	510	470	90°	13.490
WPRF 150-60F	150	600	510	470	90°	14.150
Stainless steel, acc. to AISI 304 (BS 304S31)						
WPRF 150-20E	150	200	510	470	90°	10.838
WPRF 150-30E	150	300	510	470	90°	11.438
WPRF 150-40E	150	400	510	470	90°	12.048
WPRF 150-50E	150	500	510	470	90°	12.688
WPRF 150-60E	150	600	510	470	90°	13.308

optional accessories

WPFD Wide-span riser cover 203



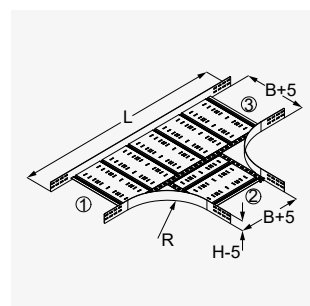
WPRA 100

Wide-span cable tray tee, height = 100 mm

Article	H mm	B mm	L mm	R mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRA 100-20E	100	200	1635	450	15.512
WPRA 100-30E	100	300	1735	450	17.392
WPRA 100-40E	100	400	1835	450	19.422
WPRA 100-50E	100	500	1935	450	21.632
WPRA 100-60E	100	600	2035	450	23.992

optional accessories

WPAD Wide-span tee cover 204
WPTRV 100 Wide-span cable tray divider, flexible, height = 50 mm 223



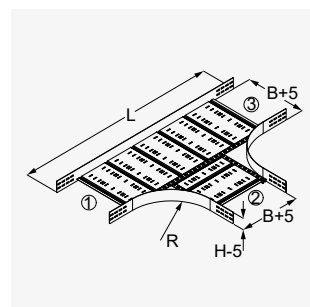
WPRA 120

Wide-span cable tray tee, height = 120 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPRA 120-20F	120	200	1635	450	19.670
WPRA 120-30F	120	300	1735	450	21.430
WPRA 120-40F	120	400	1835	450	23.340
WPRA 120-50F	120	500	1935	450	25.450
WPRA 120-60F	120	600	2035	450	27.720

optional accessories

WPAD Wide-span tee cover 204
WPTRV 120 Wide-span cable tray divider, flexible, height = 80 mm 223



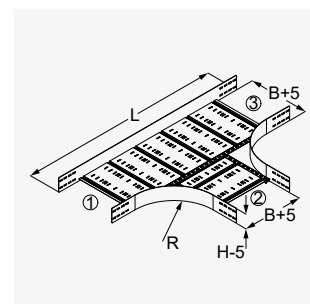
WPRA 150

Wide-span cable tray tee, height = 150 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPRA 150-20F	150	200	1635	450	21.610
WPRA 150-30F	150	300	1735	450	23.730
WPRA 150-40F	150	400	1835	450	26.020
WPRA 150-50F	150	500	1935	450	28.490
WPRA 150-60F	150	600	2035	450	31.130
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRA 150-20E	150	200	1635	450	20.372
WPRA 150-30E	150	300	1735	450	22.372
WPRA 150-40E	150	400	1835	450	24.522
WPRA 150-50E	150	500	1935	450	26.852
WPRA 150-60E	150	600	2035	450	29.332

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



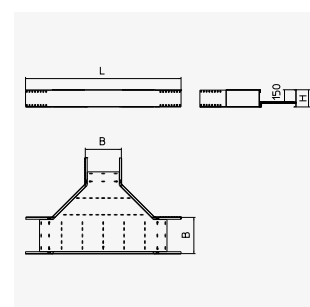
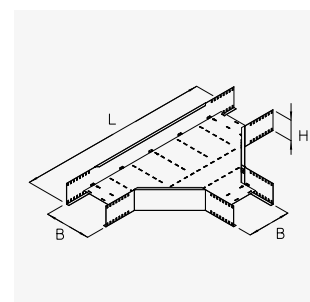
WLRA 200

Wide-span cable tray tee, height = 208 mm

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
WLRA 200-20F	208	237	1667	26.666
WLRA 200-30F	208	337	1767	29.006
WLRA 200-40F	208	437	1867	31.536
WLRA 200-50F	208	537	1967	34.636
WLRA 200-60F	208	637	2067	37.416

optional accessories

WLAD	Wide-span tee cover	204
WLADR	Wide-span tee cover	205
WTRV 200	Wide-span cable tray divider, flexible, height = 100 mm	224



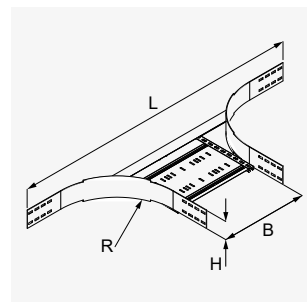
WPRAA 100

Wide-span cable tray add-on tee, height = 100 mm

Article	H	B	L	R	G
	mm	mm	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRAA 100-20E	100	200	1635	450	8.358
WPRAA 100-30E	100	300	1735	450	8.868
WPRAA 100-40E	100	400	1835	450	9.378
WPRAA 100-50E	100	500	1935	450	9.888
WPRAA 100-60E	100	600	2035	450	10.408

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223



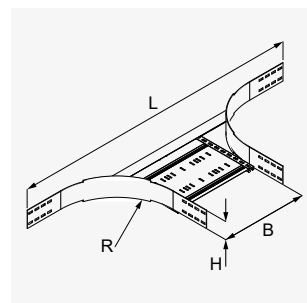
WPRAA 120

Wide-span cable tray add-on tee, height = 120 mm

Article	H	B	L	R	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
WPRAA 120-20F	120	200	1635	450	10.100
WPRAA 120-30F	120	300	1735	450	10.650
WPRAA 120-40F	120	400	1835	450	11.190
WPRAA 120-50F	120	500	1935	450	11.730
WPRAA 120-60F	120	600	2035	450	12.270

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223



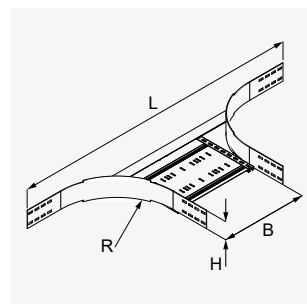
WPRAA 150

Wide-span cable tray add-on tee, height = 150 mm

Article	H	B	L	R	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
WPRAA 150-20F	150	200	1635	450	11.980
WPRAA 150-30F	150	300	1735	450	12.530
WPRAA 150-40F	150	400	1835	450	13.070
WPRAA 150-50F	150	500	1935	450	13.610
WPRAA 150-60F	150	600	2035	450	14.150
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRAA 150-20E	150	200	1635	450	11.298
WPRAA 150-30E	150	300	1735	450	11.818
WPRAA 150-40E	150	400	1835	450	12.318
WPRAA 150-50E	150	500	1935	450	12.828
WPRAA 150-60E	150	600	2035	450	13.348

optional accessories

WPAD	Wide-span tee cover	204
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



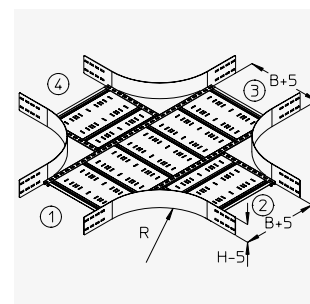
WPRK 100

Wide-span cable tray crossing, height = 100 mm

Article	H mm	B mm	L mm	R mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRK 100-20E	100	200	1635	450	20.276
WPRK 100-30E	100	300	1735	450	22.586
WPRK 100-40E	100	400	1835	450	25.006
WPRK 100-50E	100	500	1935	450	27.626
WPRK 100-60E	100	600	2035	450	30.346

optional accessories

WPKD	Wide-span crossing cover	205
WPTRV 100	Wide-span cable tray divider, flexible, height = 50 mm	223



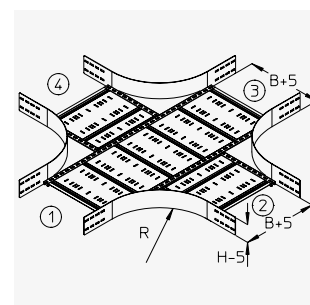
WPRK 120

Wide-span cable tray crossing, height = 120 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPRK 120-20F	120	200	1635	450	23.930
WPRK 120-30F	120	300	1735	450	26.170
WPRK 120-40F	120	400	1835	450	28.530
WPRK 120-50F	120	500	1935	450	31.100
WPRK 120-60F	120	600	2035	450	34.410

optional accessories

WPKD	Wide-span crossing cover	205
WPTRV 120	Wide-span cable tray divider, flexible, height = 80 mm	223



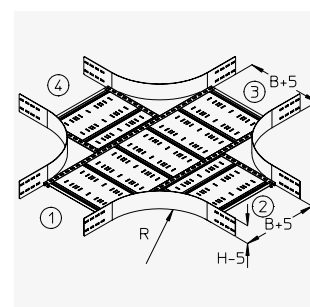
WPRK 150

Wide-span cable tray crossing, height = 150 mm

Article	H mm	B mm	L mm	R mm	G kg
Steel, hot-dip galvanised					
WPRK 150-20F	150	200	1635	450	27.730
WPRK 150-30F	150	300	1735	450	40.180
WPRK 150-40F	150	400	1835	450	32.750
WPRK 150-50F	150	500	1935	450	35.540
WPRK 150-60F	150	600	2035	450	38.480
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPRK 150-20E	150	200	1635	450	26.156
WPRK 150-30E	150	300	1735	450	28.466
WPRK 150-40E	150	400	1835	450	30.886
WPRK 150-50E	150	500	1935	450	33.506
WPRK 150-60E	150	600	2035	450	36.276

optional accessories

WPKD	Wide-span crossing cover	205
WPTRV 150	Wide-span cable tray divider, flexible, height = 100 mm	224



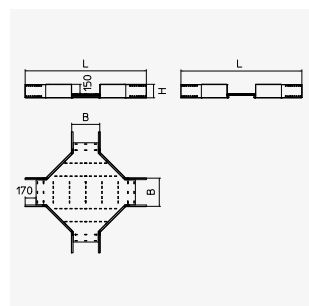
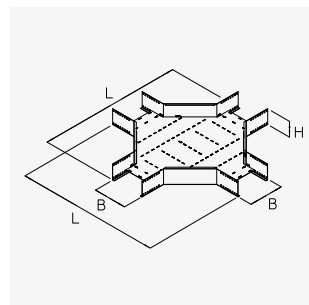
WLRK 200

Wide-span cable tray crossing, height = 208 mm

Article	H	B	L	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
WLRK 200-20F	208	237	1667	39.120
WLRK 200-30F	208	337	1767	41.610
WLRK 200-40F	208	437	1867	44.180
WLRK 200-50F	208	537	1967	48.644
WLRK 200-60F	208	637	2067	51.644

optional accessories

WLKD	Wide-span crossing cover	206
WLKDR	Wide-span crossing cover with turnbuckles	206
WTRV 200	Wide-span cable tray divider, flexible, height = 100 mm	224



Covers

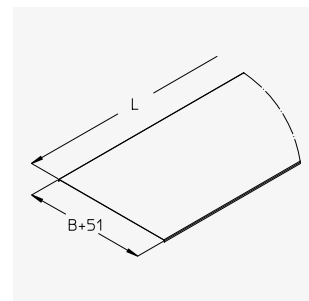
WPD

Wide-span cover

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
WPD 20S	10	251	3000	0.75	4.750
WPD 30S	10	351	3000	1.00	8.690
WPD 40S	10	451	3000	1.00	11.040
WPD 50S	10	551	3000	1.25	16.750
WPD 60S	10	651	3000	1.25	19.690
Steel, hot-dip galvanised					
WPD 20F	10	251	3000	0.75	5.080
WPD 30F	10	351	3000	1.00	9.300
WPD 40F	10	451	3000	1.00	11.820
WPD 50F	10	551	3000	1.25	17.920
WPD 60F	10	651	3000	1.25	21.070
Stainless steel, acc. to AISI 304 (BS 304S31)					
WPD 20E	10	251	3000	0.80	5.100
WPD 30E	10	351	3000	1.00	8.750
WPD 40E	10	451	3000	1.00	11.120
WPD 50E	10	551	3000	1.25	16.860
WPD 60E	10	651	3000	1.25	19.820

optional accessories

WPDUK	Cover clamp	207
WPD-A	Cover stand-off	207



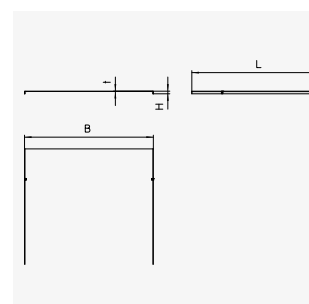
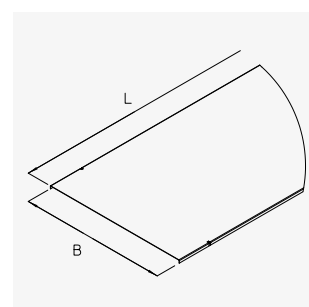
WLD

Wide-span cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
WLD 20S	237	3000	0.75	4.557
WLD 30S	337	3000	1.00	8.431
WLD 40S	437	3000	1.00	10.786
WLD 50S	537	3000	1.25	16.426
WLD 60S	637	3000	1.25	19.370
Steel, hot-dip galvanised				
WLD 20F	237	3000	0.75	4.400
WLD 30F	337	3000	1.00	8.390
WLD 40F	437	3000	1.00	10.910
WLD 50F	537	3000	1.25	16.790
WLD 60F	637	3000	1.25	19.940

optional accessories

WLD-SW	Storm protection bracket	200
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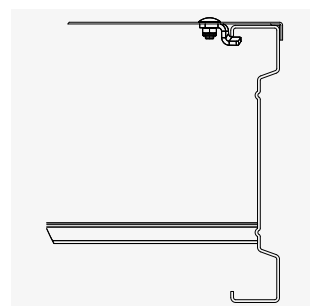
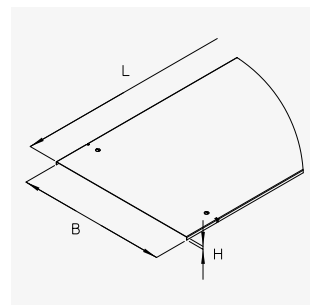
WLDR

Wide-span cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
WLDR 20S	237	3000	0.75	4.680
WLDR 30S	337	3000	1.00	8.550
WLDR 40S	437	3000	1.00	10.910
WLDR 50S	537	3000	1.25	16.550
WLDR 60S	637	3000	1.25	19.490
Steel, hot-dip galvanised				
WLDR 20F	237	3000	0.75	5.000
WLDR 30F	337	3000	1.00	9.150
WLDR 40F	437	3000	1.00	11.670
WLDR 50F	537	3000	1.25	17.710
WLDR 60F	637	3000	1.25	20.850

optional accessories

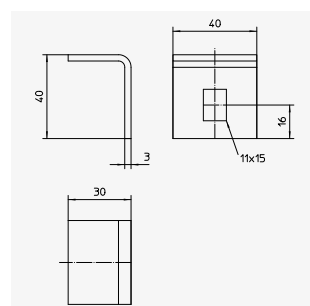
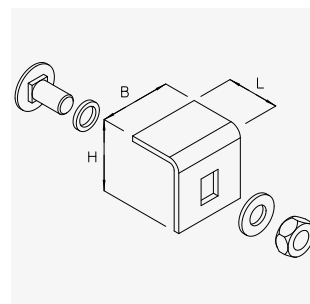
WLD-SW Storm protection bracket 200



WLD-SW

Storm protection bracket

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
WLD-SW F	40	40	30	3.00	0.094



WPBD

Wide-span bend cover

Article	B mm	R mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
WPBD 20S	251	450	90°	2.090
WPBD 30S	351	450	90°	4.070
WPBD 40S	451	450	90°	5.500
WPBD 50S	551	450	90°	8.790
WPBD 60S	651	450	90°	10.860
Steel, hot-dip galvanised				
WPBD 20F	251	450	90°	2.240
WPBD 30F	351	450	90°	4.360
WPBD 40F	451	450	90°	5.880
WPBD 50F	551	450	90°	9.400
WPBD 60F	651	450	90°	11.620
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPBD 20E	251	450	90°	2.090
WPBD 30E	351	450	90°	4.070
WPBD 40E	451	450	90°	5.500
WPBD 50E	551	450	90°	8.840
WPBD 60E	651	450	90°	10.860

optional accessories

WPFDK 100	Cover clamp for fittings	207
WPFDK 120	Cover clamp for fittings	208
WPFDK 150	Cover clamp for fittings	208
WPFDKA 100	Stand-off cover clamp for fittings	209
WPFDKA 120	Stand-off cover clamp for fittings	209
WPFDKA 150	Stand-off cover clamp for fittings	210

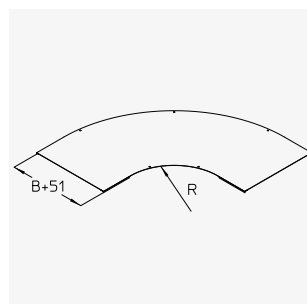
WLBD

Wide-span bend cover

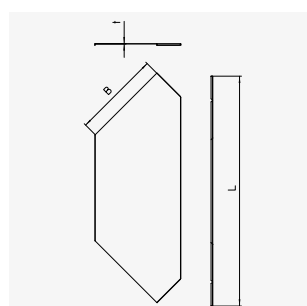
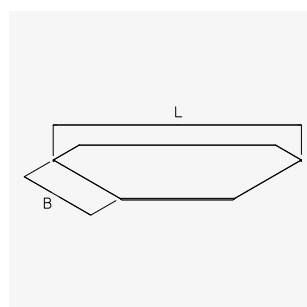
Article	B mm	L mm	t mm	W	G kg
Steel, pre-galvanised/Sendzimir process					
WLBD 20S	240	906	0.75	90°	2.487
WLBD 30S	340	1048	1.00	90°	4.416
WLBD 40S	440	1189	1.00	90°	5.672
WLBD 50S	540	1330	1.25	90°	8.856
WLBD 60S	640	1471	1.25	90°	10.818
Steel, hot-dip galvanised					
WLBD 20F	240	906	0.75	90°	2.900
WLBD 30F	340	1048	1.00	90°	4.000
WLBD 40F	440	1189	1.00	90°	5.400
WLBD 50F	540	1330	1.25	90°	6.900
WLBD 60F	640	1471	1.25	90°	8.900

optional accessories

WLD-SW	Storm protection bracket	200
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WPFDK / WPFDKA	
WPAD 20 - WPAD 60	6x
WPBD 20 - WPBD 40	4x
WPBD 50 - WPBD 60	5x
WPFD 20 - WPFD 60	4x
WPKD 20 - WPKD 60	8x
WPSD 20 - WPSD 60	4x



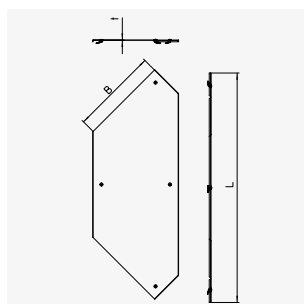
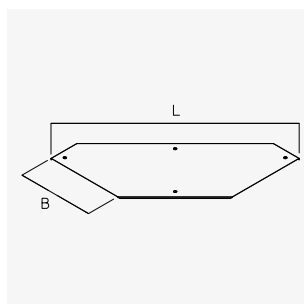
WLBDR

Wide-span bend cover

Article	B	L	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
WLBDR 20S	242	906	0.75	90°	2.800
WLBDR 30S	342	1048	1.00	90°	3.800
WLBDR 40S	442	1189	1.00	90°	5.100
WLBDR 50S	542	1330	1.25	90°	6.600
WLBDR 60S	642	1471	1.25	90°	8.300
Steel, hot-dip galvanised					
WLBDR 20F	242	906	0.75	90°	3.000
WLBDR 30F	342	1048	1.00	90°	4.100
WLBDR 40F	442	1189	1.00	90°	5.500
WLBDR 50F	542	1330	1.25	90°	7.000
WLBDR 60F	642	1471	1.25	90°	9.000

optional accessories

WLD-SW	Storm protection bracket	200
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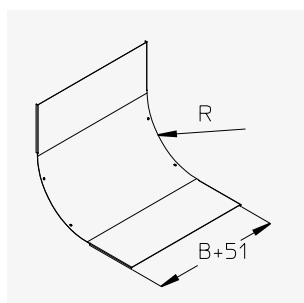
WPSD

Wide-span riser cover

Article	B	R	W	G
	mm	mm		kg
Steel, pre-galvanised/Sendzimir process				
WPSD 20S	251	450	90°	2.100
WPSD 30S	351	450	90°	3.680
WPSD 40S	451	450	90°	4.640
WPSD 50S	551	450	90°	6.950
WPSD 60S	651	450	90°	8.160
Steel, hot-dip galvanised				
WPSD 20F	251	450	90°	2.240
WPSD 30F	351	450	90°	3.930
WPSD 40F	451	450	90°	4.970
WPSD 50F	551	450	90°	7.430
WPSD 60F	651	450	90°	8.730
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPSD 20E	251	450	90°	2.240
WPSD 30E	351	450	90°	3.710
WPSD 40E	451	450	90°	4.690
WPSD 50E	551	450	90°	7.020
WPSD 60E	651	450	90°	8.240

optional accessories

WPFDK 100	Cover clamp for fittings	207
WPFDK 120	Cover clamp for fittings	208
WPFDK 150	Cover clamp for fittings	208



WPFDK / WPFDKA	
WPAD 20 - WPAD 60	6x
WPBD 20 - WPBD 40	4x
WPBD 50 - WPBD 60	5x
WPFD 20 - WPFD 60	4x
WPKD 20 - WPKD 60	8x
WPSD 20 - WPSD 60	4x

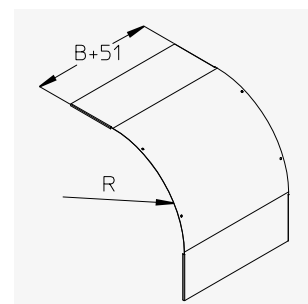
WPFD

Wide-span riser cover

Article	B mm	R mm	W	G kg
Steel, pre-galvanised/Sendzimir process				
WPFD 20S	251	450	90°	2.200
WPFD 30S	351	450	90°	4.080
WPFD 40S	451	450	90°	5.240
WPFD 50S	551	450	90°	7.980
WPFD 60S	651	450	90°	9.430
Steel, hot-dip galvanised				
WPFD 20F	251	450	90°	2.400
WPFD 30F	351	450	90°	4.430
WPFD 40F	451	450	90°	5.660
WPFD 50F	551	450	90°	8.620
WPFD 60F	651	450	90°	10.160
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPFD 20E	251	450	90°	2.410
WPFD 30E	351	450	90°	4.170
WPFD 40E	451	450	90°	5.330
WPFD 50E	551	450	90°	8.110
WPFD 60E	651	450	90°	9.550

optional accessories

WPFDK 100	Cover clamp for fittings	207
WPFDK 120	Cover clamp for fittings	208
WPFDK 150	Cover clamp for fittings	208



WPFDK / WPFDKA	
WPAD 20 - WPAD 60	6x
WPBD 20 - WPBD 40	4x
WPBD 50 - WPBD 60	5x
WPFD 20 - WPFD 60	4x
WPKD 20 - WPKD 60	8x
WPSD 20 - WPSD 60	4x

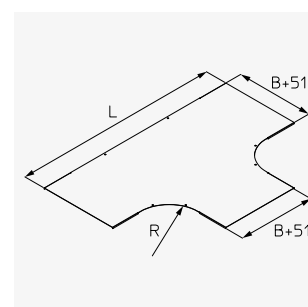
WPAD

Wide-span tee cover

Article	B mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPAD 20S	251	450	3.940
WPAD 30S	351	450	7.360
WPAD 40S	451	450	9.630
WPAD 50S	500	450	15.060
WPAD 60S	651	450	18.270
Steel, hot-dip galvanised			
WPAD 20F	251	450	4.220
WPAD 30F	351	450	7.880
WPAD 40F	451	450	10.300
WPAD 50F	551	450	16.110
WPAD 60F	651	450	19.550

optional accessories

WPFDK 100	Cover clamp for fittings	207
WPFDK 120	Cover clamp for fittings	208
WPFDK 150	Cover clamp for fittings	208
WPFDKA 100	Stand-off cover clamp for fittings	209
WPFDKA 120	Stand-off cover clamp for fittings	209
WPFDKA 150	Stand-off cover clamp for fittings	210



WPFDK / WPFDKA	
WPAD 20 - WPAD 60	6x
WPBD 20 - WPBD 40	4x
WPBD 50 - WPBD 60	5x
WPFD 20 - WPFD 60	4x
WPKD 20 - WPKD 60	8x
WPSD 20 - WPSD 60	4x

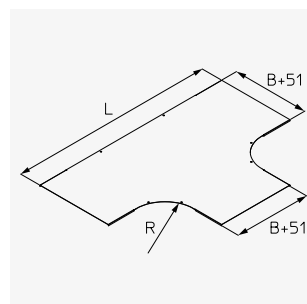
WPAD

Wide-span tee cover

Article	B mm	R mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPAD 20E	251	450	3.940
WPAD 30E	351	450	7.360
WPAD 40E	451	450	9.630
WPAD 50E	551	450	15.060
WPAD 60E	651	450	18.270

optional accessories

WPFDK 100	Cover clamp for fittings	207
WPFDK 120	Cover clamp for fittings	208
WPFDK 150	Cover clamp for fittings	208
WPFDKA 100	Stand-off cover clamp for fittings	209
WPFDKA 120	Stand-off cover clamp for fittings	209
WPFDKA 150	Stand-off cover clamp for fittings	210



WPFDK / WPFDKA	
WPAD 20 - WPAD 60	6x
WPBD 20 - WPBD 40	4x
WPBD 50 - WPBD 60	5x
WPFD 20 - WPFD 60	4x
WPKD 20 - WPKD 60	8x
WPSD 20 - WPSD 60	4x

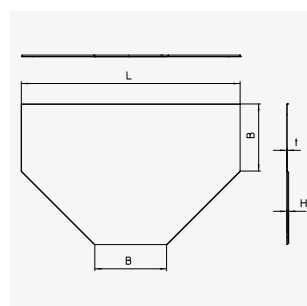
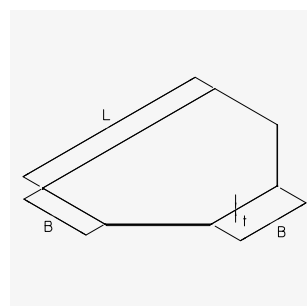
WLAD

Wide-span tee cover

Article	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
WLAD 20S	240	0.75	3.988
WLAD 30S	340	1.00	6.724
WLAD 40S	440	1.00	8.287
WLAD 50S	540	1.25	12.510
WLAD 60S	640	1.25	14.857
Steel, hot-dip galvanised			
WLAD 20F	240	0.75	5.900
WLAD 30F	340	1.00	7.200
WLAD 40F	440	1.00	8.800
WLAD 50F	540	1.25	10.700
WLAD 60F	640	1.25	12.800

optional accessories

WLD-SW	Storm protection bracket	200
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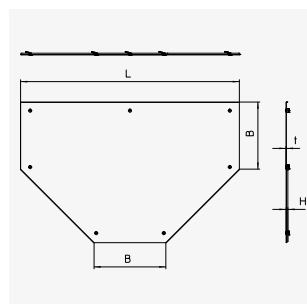
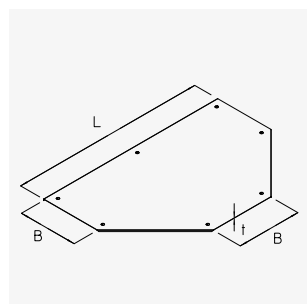
WLADR

Wide-span tee cover

Article	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
WLADR 20S	240	0.75	5.600
WLADR 30S	340	1.00	6.800
WLADR 40S	440	1.00	8.300
WLADR 50S	540	1.25	10.100
WLADR 60S	640	1.25	12.100
Steel, hot-dip galvanised			
WLADR 20F	240	0.75	6.000
WLADR 30F	340	1.00	7.300
WLADR 40F	440	1.00	8.900
WLADR 50F	540	1.25	10.800
WLADR 60F	640	1.25	12.900

optional accessories

WLD-SW	Storm protection bracket	200
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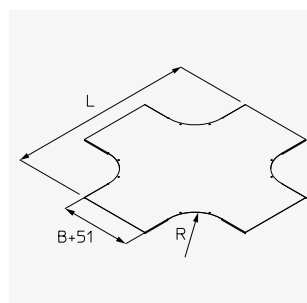
WPKD

Wide-span crossing cover

Article	B mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPKD 20S	251	450	0.050
WPKD 30S	351	450	10.902
WPKD 40S	451	450	13.748
WPKD 50S	551	450	0.050
WPKD 60S	651	450	0.050
Steel, hot-dip galvanised			
WPKD 20F	251	450	6.768
WPKD 30F	351	450	11.668
WPKD 40F	451	450	14.708
WPKD 50F	551	450	0.050
WPKD 60F	651	450	26.408
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPKD 20E	251	450	6.748
WPKD 30E	351	450	10.968
WPKD 40E	451	450	13.828
WPKD 50E	551	450	20.888
WPKD 60E	651	450	24.848

optional accessories

WPFDK 100	Cover clamp for fittings	207
WPFDK 120	Cover clamp for fittings	208
WPFDK 150	Cover clamp for fittings	208
WPFDKA 100	Stand-off cover clamp for fittings	209
WPFDKA 120	Stand-off cover clamp for fittings	209
WPFDKA 150	Stand-off cover clamp for fittings	210



WPFDK / WPFDKA	
WPAD 20 - WPAD 60	6x
WPBD 20 - WPBD 40	4x
WPBD 50 - WPBD 60	5x
WPF 20 - WPF 60	4x
WPKD 20 - WPKD 60	8x
WPSD 20 - WPSD 60	4x

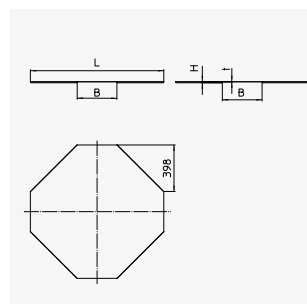
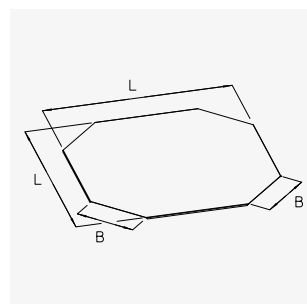
WLKD

Wide-span crossing cover

Article	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
WLKD 20S	240	0.75	6.392
WLKD 30S	340	1.00	10.238
WLKD 40S	440	1.00	12.109
WLKD 50S	540	1.25	17.672
WLKD 60S	640	1.25	18.672
Steel, hot-dip galvanised			
WLKD 20F	240	0.75	8.100
WLKD 30F	340	1.00	9.700
WLKD 40F	440	1.00	11.600
WLKD 50F	540	1.25	13.800
WLKD 60F	640	1.25	17.450

optional accessories

WLD-SW Storm protection bracket 200



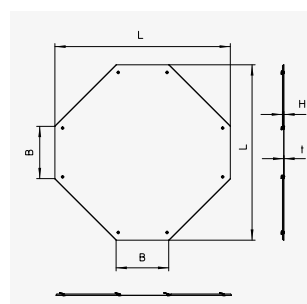
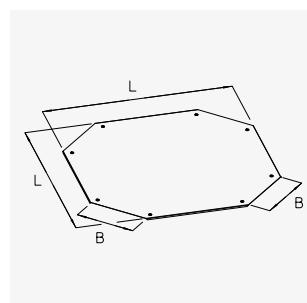
WLKDR

Wide-span crossing cover with turnbuckles

Article	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
WLKDR 20S	240	0.75	7.700
WLKDR 30S	340	1.00	9.200
WLKDR 40S	440	1.00	11.000
WLKDR 50S	540	1.25	13.000
WLKDR 60S	640	1.25	15.200
Steel, hot-dip galvanised			
WLKDR 20F	240	0.75	8.200
WLKDR 30F	340	1.00	9.800
WLKDR 40F	440	1.00	11.700
WLKDR 50F	540	1.25	13.900
WLKDR 60F	640	1.25	16.300

optional accessories

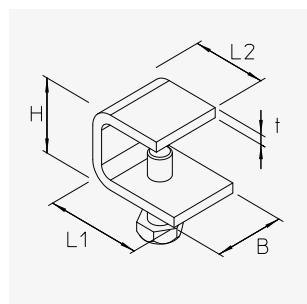
WLD-SW Storm protection bracket 200



WPDUK

Cover clamp

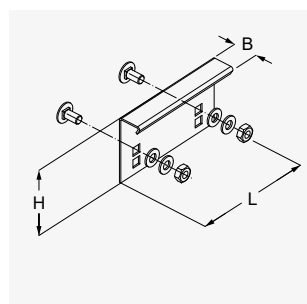
Article	H mm	B mm	L1 mm	L2 mm	t mm	M Nm	G kg
Steel, hot-dip galvanised							
WPDUK F	22	20	28	21	3.00	2	0.038
Stainless steel, acc. to AISI 304 (BS 304S31)							
WPDUK E	22	20	28	21	3.00	2	0.037
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
WPDUK E4	22	20	28	21	3.00	2	0.037



WPD-A

Cover stand-off

Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
WPD-A S	85	29	150	0.347
Steel, hot-dip galvanised				
WPD-A F	85	29	150	0.343
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPD-A E	85	29	150	0.365



optional accessories

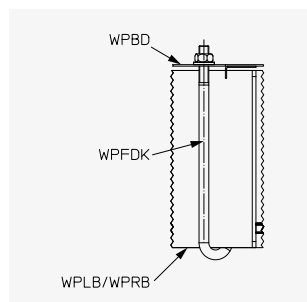
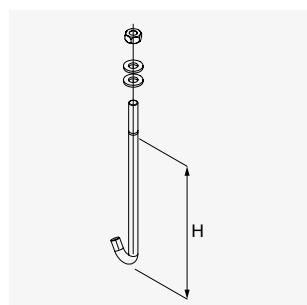
WPDUK Cover clamp

207

WPFDK 100

Cover clamp for fittings

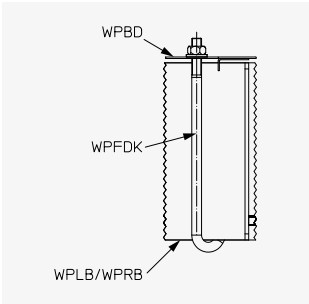
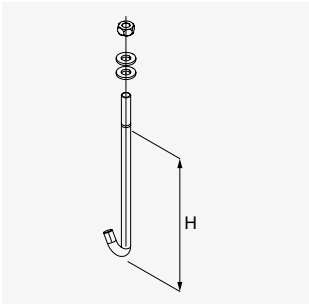
Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
WPFDK 100E	100	0.067
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)		
WPFDK 100E4	100	0.067



WPFDK 120

Cover clamp for fittings

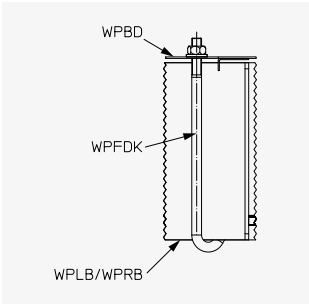
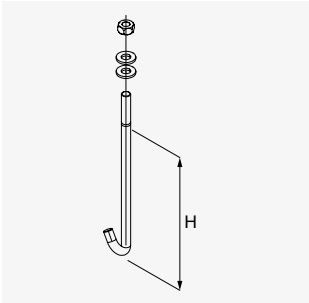
Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
WPFDK 120E	120	0.077
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)		
WPFDK 120E4	120	0.077



WPFDK 150

Cover clamp for fittings

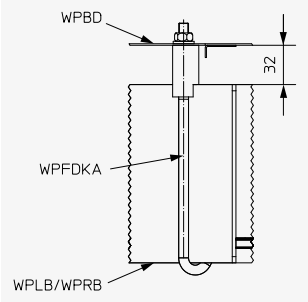
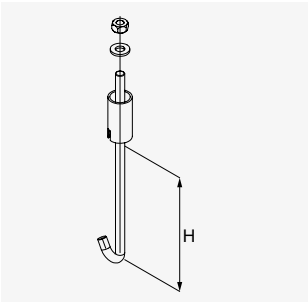
Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
WPFDK 150E	150	0.087
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)		
WPFDK 150E4	150	0.087



WPFDKA 100

Stand-off cover clamp for fittings

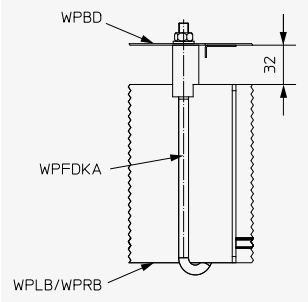
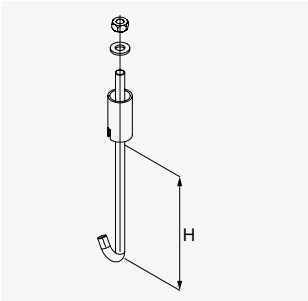
Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
WPFDKA 100E	100	0.106



WPFDKA 120

Stand-off cover clamp for fittings

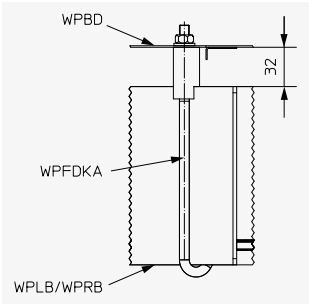
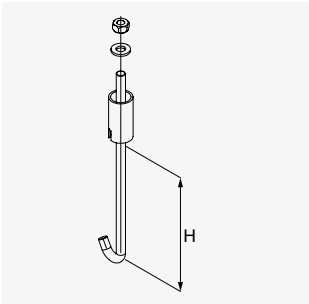
Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
WPFDKA 120E	120	0.116



WPFDKA 150

Stand-off cover clamp for fittings

Article	H mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)		
WPFDKA 150E	150	0.126

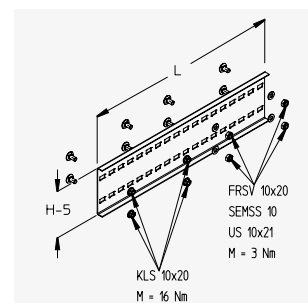


Accessories

WPV 100

Wide-span cable tray connector, height = 95 mm

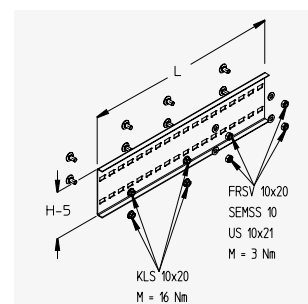
Article	H mm	L mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPV 100E	95	400	0.964
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPV 100E4	95	400	0.977



WPV 120

Wide-span cable tray connector, height = 115 mm

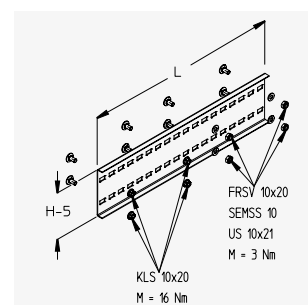
Article	H mm	L mm	G kg
Steel, hot-dip galvanised			
WPV 120F	120	400	1.145
WPV 120S	120	400	1.073



WPV 150

Wide-span cable tray connector, height = 145 mm

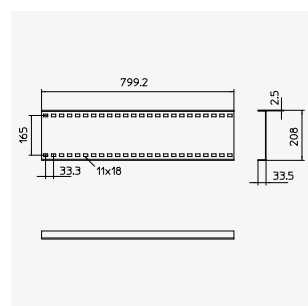
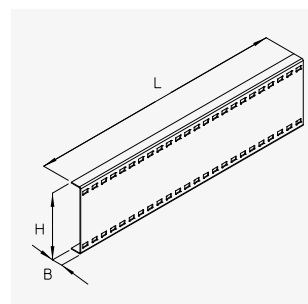
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPV 150S	150	600	1.751
Steel, hot-dip galvanised			
WPV 150F	150	600	1.870
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPV 150E	150	600	1.773
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPV 150E4	150	600	1.796



WLV 200

Wide-span cable ladder connector, height = 200 mm

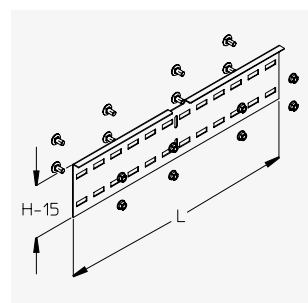
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
WLV 200S	208	34	800	2.50	4.131
Steel, hot-dip galvanised					
WLV 200F	208	34	800	2.50	4.345



WPVH 100

Wide-span cable tray connector, horizontal, height = 85 mm

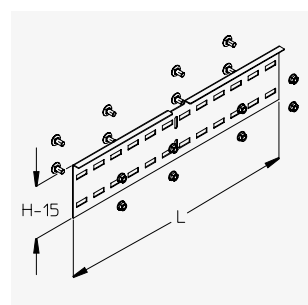
Article	H mm	L mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPVH 100E	85	400	0.812
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPVH 100E4	85	400	0.819



WPVH 120

Wide-span cable tray connector, horizontal, height = 105 mm

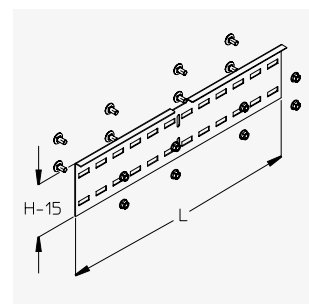
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPVH 120S	105	400	0.911
Steel, hot-dip galvanised			
WPVH 120F	105	400	0.980



WPVH 150

Wide-span cable tray connector, horizontal, height = 135 mm

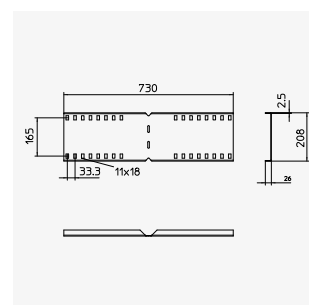
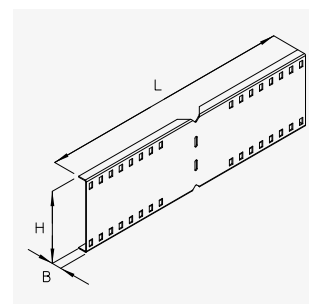
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPVH 150S	135	600	1.516
Steel, hot-dip galvanised			
WPVH 150F	135	600	1.628
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPVH 150E	135	600	1.548
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPVH 150E4	135	600	1.564



WLVH 200

Wide-span cable ladder connector, horizontal, height = 200 mm

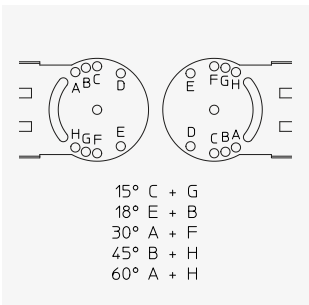
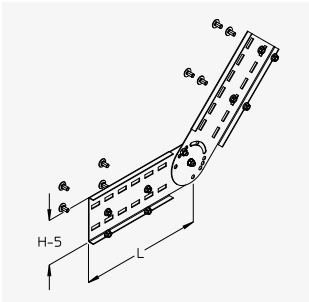
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
WLVH 200S	208	26	730	2.50	3.837
Steel, hot-dip galvanised					
WLVH 200F	208	26	730	2.50	3.900



WPVV 100

Wide-span cable tray connector, vertical, height = 100 mm

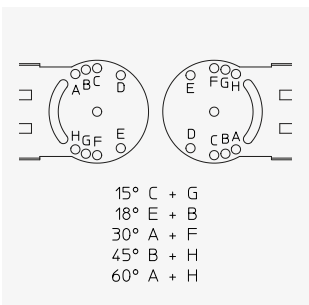
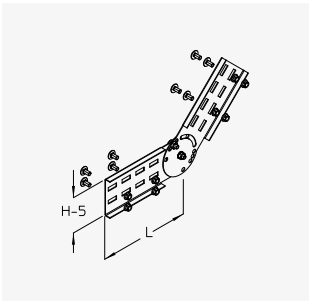
Article	H mm	L mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPVV 100E	95	506	1.397
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPVV 100E4	95	506	1.409



WPVV 120

Wide-span cable tray connector, vertical, height = 120 mm

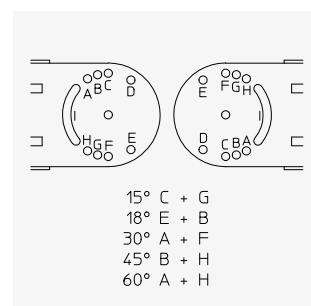
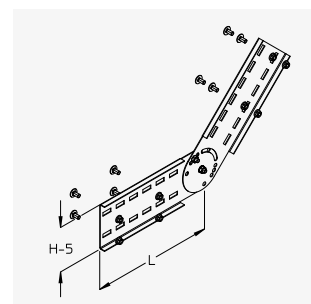
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPVV 120S	120	506	1.513
Steel, hot-dip galvanised			
WPVV 120F	120	506	1.621



WPVV 150

Wide-span cable tray connector, vertical, height = 150 mm

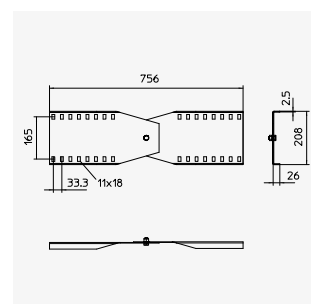
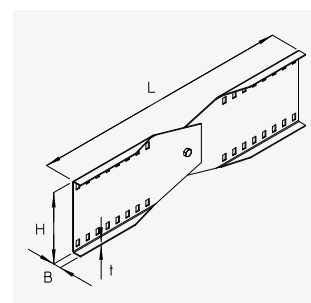
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPVV 150S	150	754	2.341
Steel, hot-dip galvanised			
WPVV 150F	150	754	2.507
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPVV 150E	150	754	2.379
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPVV 150E4	150	754	2.401



WLVV 200

Wide-span cable ladder connector, vertical, height = 200 mm

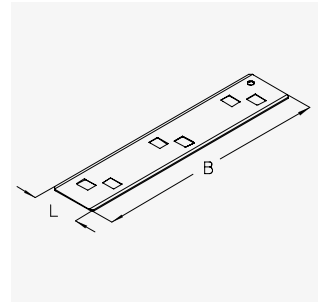
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
WLVV 200S	208	26	756	2.50	4.519
Steel, hot-dip galvanised					
WLVV 200F	208	26	756	2.50	3.988



VB

Bottom plate

Article	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
VB 10S	54	70	0.035
VB 15S	96	70	0.059
VB 20S	155	70	0.099
VB 30S	255	70	0.172
VB 40S	355	70	0.237
VB 50S	455	70	0.293
VB 60S	555	70	0.369
Steel, hot-dip galvanised			
VB 10F	54	70	0.036
VB 15F	96	70	0.065
VB 20F	155	70	0.108
VB 30F	255	70	0.190
VB 40F	355	70	0.260
VB 50F	455	70	0.313
VB 60F	555	70	0.401
Stainless steel, acc. to AISI 304 (BS 304S31)			
VB 10E	54	70	0.036
VB 20E	155	70	0.107
VB 30E	255	70	0.170
VB 40E	355	70	0.248
VB 50E	455	70	0.313
VB 60E	555	70	0.384
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
VB 10E4	54	70	0.035
VB 20E4	155	70	0.105
VB 30E4	255	70	0.175
VB 40E4	355	70	0.239
VB 50E4	455	70	0.313
VB 60E4	555	70	0.376



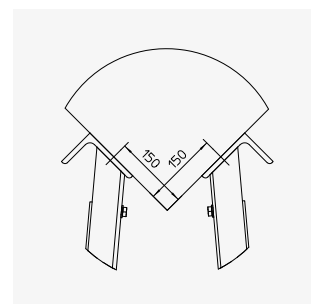
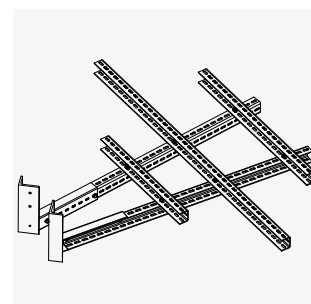
EBW

Corner support

Article	B mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised				
EBW 020F	1400	980	6.50	52.380
EBW 030F	1500	990	6.50	55.050
EBW 040F	1800	1000	6.50	60.370
EBW 050F	1800	1100	6.50	60.380
EBW 060F	1900	1200	6.50	64.370

optional accessories

WPLEAB 100	Wide-span cable ladder add-on corner	179
WPLB 100	Wide-span cable ladder bend, height = 100 mm	180
WPRB 100	Wide-span cable tray bend, height = 100 mm	190
WPREAB 100	Wide-span cable tray add-on corner	189
WPLEAB 120	Wide-span cable ladder add-on corner	179
WPLB 120	Wide-span cable ladder bend, height = 120 mm	180
WPRB 120	Wide-span cable tray bend, height = 120 mm	190
WPREAB 120	Wide-span cable tray add-on corner	189
WPLEAB 150	Wide-span cable ladder add-on corner	179
WPLB 150	Wide-span cable ladder bend, height = 150 mm	180
WPRB 150	Wide-span cable tray bend, height = 150 mm	190
WPREAB 150	Wide-span cable tray add-on corner	189
SD	Expansion anchor	487



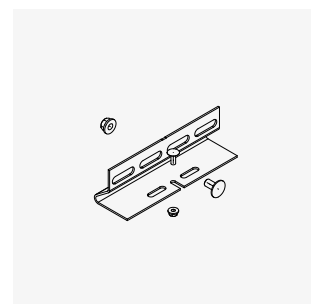
WPHS-K

Wide-span rail support (bracket)

Article	G kg
Steel, pre-galvanised/Sendzimir process	
WPHS-K S	0.498
Steel, hot-dip galvanised	
WPHS-K F	0.534
Stainless steel, acc. to AISI 304 (BS 304S31)	
WPHS-K E	0.503
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
WPHS-K E4	0.511

optional accessories

WPHS-IS	Isolation strip	218
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WPHS-A

Wide-span rail support (profile rail)

Article	G kg
Steel, pre-galvanised/Sendzimir process	
WPHS-A S	0.522
Steel, hot-dip galvanised	
WPHS-A F	0.558
Stainless steel, acc. to AISI 304 (BS 304S31)	
WPHS-A E	0.527
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
WPHS-A E4	0.536

optional accessories

WPHS-IS	Isolation strip	218
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WPHS-P

Wide-span rail support (profile)

Article	G kg
Steel, pre-galvanised/Sendzimir process	
WPHS-P S	0.580
Steel, hot-dip galvanised	
WPHS-P F	0.615
Stainless steel, acc. to AISI 304 (BS 304S31)	
WPHS-P E	0.581
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
WPHS-P E4	0.591

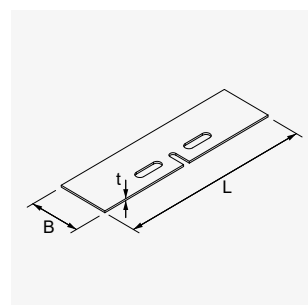
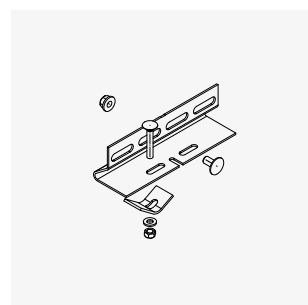
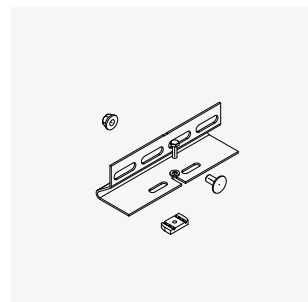
optional accessories

WPHS-IS	Isolation strip	218
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WPHS-IS

Isolation strip

Article	B mm	L mm	t mm	G kg
polyethylen				
WPHS-IS	54	200	2.00	0.029



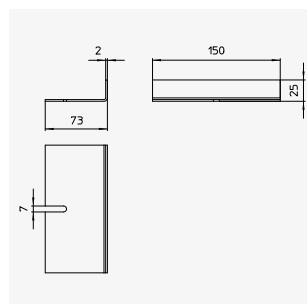
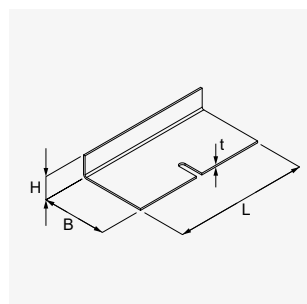
WLHS

Wide-span cable ladder rail support

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
WLHS S	25	73	150	2.00	0.442
Steel, hot-dip galvanised					
WLHS F	25	73	150	2.00	0.448

optional accessories

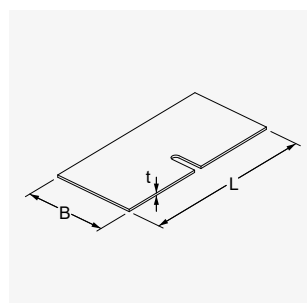
WLKL	Wide-span cable ladder hold-down clamp	220
WLKLA	Wide-span cable ladder hold-down clamp	220
WLKLT	Wide-span cable ladder clamp	221
WLHS-IS	Insulation strip	219



WLHS-IS

Insulation strip

Article	B	L	t	G
	mm	mm	mm	kg
polyethylen				
WLHS-IS	70	150	2.00	0.028



WLKL

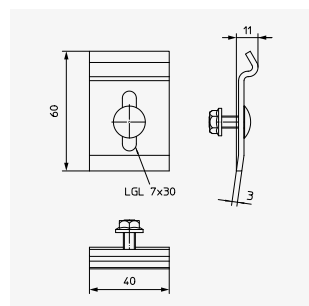
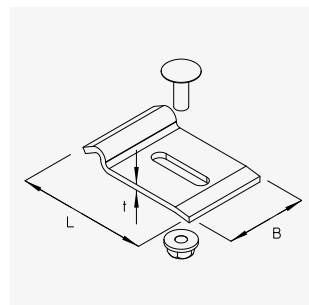
Wide-span cable ladder hold-down clamp

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
WLKL S	11	40	60	3.00	0.128
Steel, hot-dip galvanised					
WLKL F	11	40	60	3.00	0.130

optional accessories

WLHS Wide-span cable ladder rail support

219



WLKLA

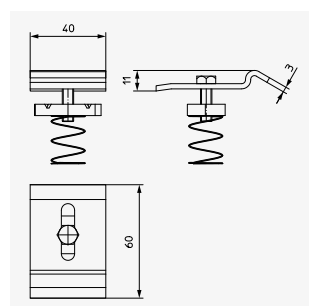
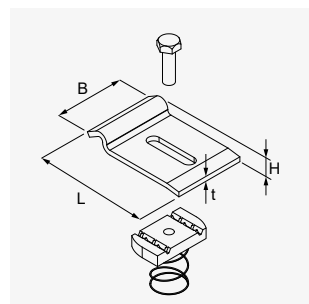
Wide-span cable ladder hold-down clamp

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
WLKLA S	11	40	60	3.00	0.178
Steel, hot-dip galvanised					
WLKLA F	11	40	60	3.00	0.180

optional accessories

WLHS Wide-span cable ladder rail support

219



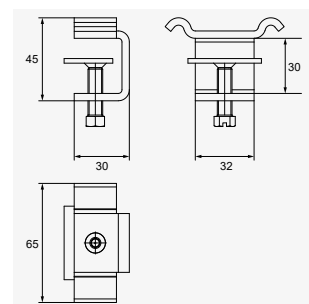
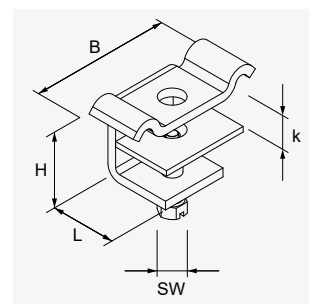
WLKLT

Wide-span cable ladder clamp

Article	H	B	L	SW	M	k	G
	mm	mm	mm	mm	Nm	mm	kg
Steel, hot-dip galvanised							
WLKLT F	45	64	30	10	4.0	3 - 25	0.141

optional accessories

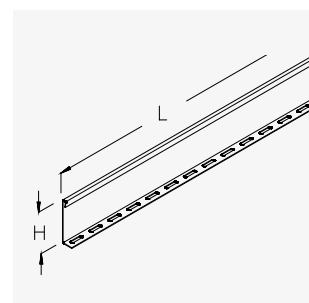
WLHS Wide-span cable ladder rail support 219



WPTR 100

Wide-span divider, height = 50 mm

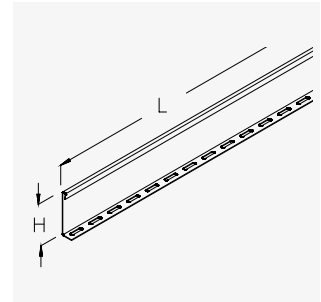
Article	H	L	G
	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPTR 100E	50	3000	2.046
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPTR 100E4	50	3000	2.074



WPTR 120

Wide-span divider, height = 80 mm

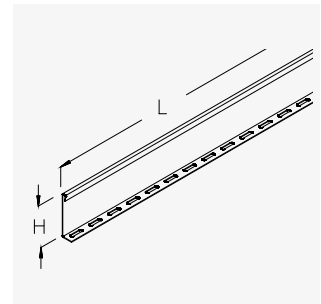
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPTR 120S	80	3000	2.058
Steel, hot-dip galvanised			
WPTR 120F	80	3000	2.204



WPTR 150

Wide-span divider, height = 100 mm

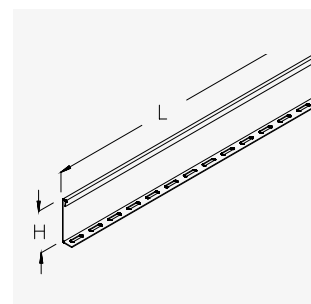
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPTR 150S	100	3000	2.411
Steel, hot-dip galvanised			
WPTR 150F	100	3000	2.584
Stainless steel, acc. to AISI 304 (BS 304S31)			
WPTR 150E	100	3000	3.231
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
WPTR 150E4	100	3000	3.301



WTR 200

Wide-span cable tray divider, height = 100 mm

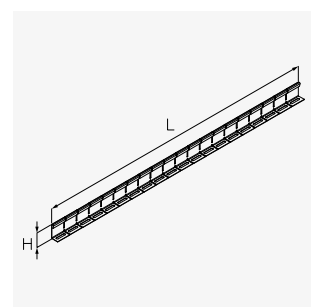
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
WTR 200S	100	3000	0.75	2.411
Steel, hot-dip galvanised				
WTR 200F	100	3000	0.75	2.584



WPTRV 100

Wide-span cable tray divider, flexible, height = 50 mm

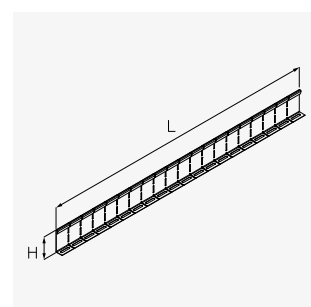
Article	H mm	L mm	t mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPTRV 100E	50	1000	0.80	0.540
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
WPTRV 100E4	50	1000	0.80	0.551



WPTRV 120

Wide-span cable tray divider, flexible, height = 80 mm

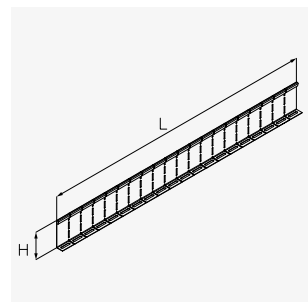
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
WPTRV 120S	80	1000	0.75	0.671



WPTRV 150

Wide-span cable tray divider, flexible, height = 100 mm

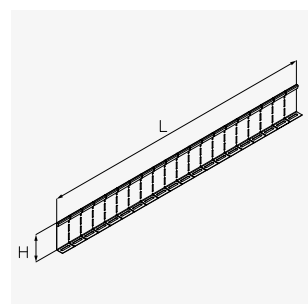
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
WPTRV 150S	100	1000	0.75	0.782
Stainless steel, acc. to AISI 304 (BS 304S31)				
WPTRV 150E	100	1000	0.80	0.841
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
WPTRV 150E4	100	1000	0.80	0.855



WTRV 200

Wide-span cable tray divider, flexible, height = 100 mm

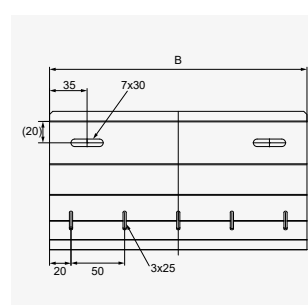
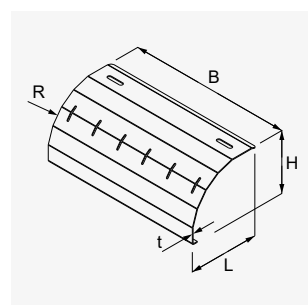
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
WTRV 200S	100	1000	0.75	0.782



WLRKAB

Wide-span cable tray drop-out plate

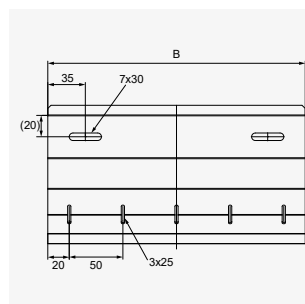
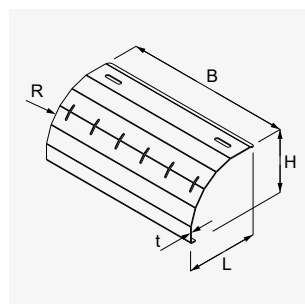
Article	H mm	B mm	L mm	t mm	R mm	G kg
Steel, pre-galvanised/Sendzimir process						
WLRKAB 20S	110	190	129	1.50	100	0.466
WLRKAB 30S	110	290	129	1.50	100	0.707
WLRKAB 40S	110	390	129	1.50	100	0.948
WLRKAB 50S	110	490	129	1.50	100	1.193
WLRKAB 60S	110	590	129	1.50	100	1.434
Steel, hot-dip galvanised						
WLRKAB 20F	110	190	129	1.50	100	0.500
WLRKAB 30F	110	290	129	1.50	100	0.758
WLRKAB 40F	110	390	129	1.50	100	1.015
WLRKAB 50F	110	490	129	1.50	100	1.278
WLRKAB 60F	110	590	129	1.50	100	1.536



WLKAB

Wide span cable ladder drop-out plate

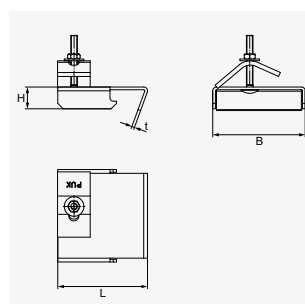
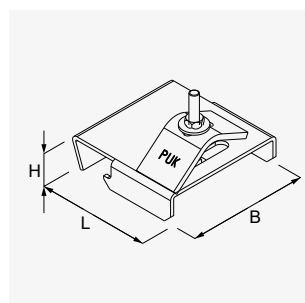
Article	H	B	L	t	R	G
	mm	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process						
WLKAB 20S	110	140	129	1.50	100	0.372
WLKAB 30S	110	240	129	1.50	100	0.613
WLKAB 40S	110	340	129	1.50	100	0.854
WLKAB 50S	110	440	129	1.50	100	1.112
WLKAB 60S	110	540	129	1.50	100	1.353
Steel, hot-dip galvanised						
WLKAB 20F	110	140	129	1.50	100	0.393
WLKAB 30F	110	240	129	1.50	100	0.651
WLKAB 40F	110	340	129	1.50	100	0.909
WLKAB 50F	110	440	129	1.50	100	1.183
WLKAB 60F	110	540	129	1.50	100	1.440



WPVTO

Wide-span cable tray connector, T-joint, top

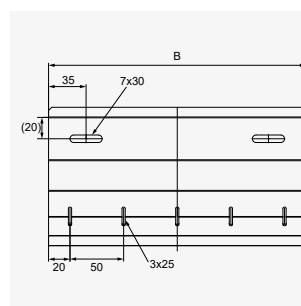
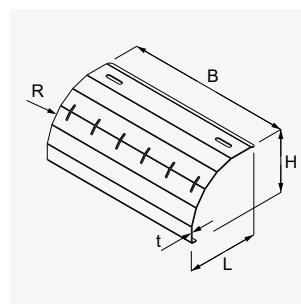
Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
WPVTO S	20	85	83	2.50	0.244



WPLKAB

Wide-span cable ladder drop-out plate

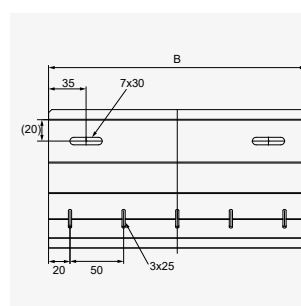
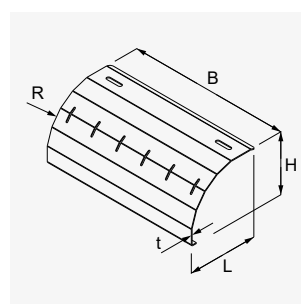
Article	H	B	L	t	R	G
	mm	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process						
WPLKAB 20S	110	190	129	1.50	100	0.492
WPLKAB 30S	110	290	129	1.50	100	0.733
WPLKAB 40S	110	390	129	1.50	100	0.974
WPLKAB 50S	110	490	129	1.50	100	1.232
WPLKAB 60S	110	590	129	1.50	100	1.473
Steel, hot-dip galvanised						
WPLKAB 20F	110	190	129	1.50	100	0.524
WPLKAB 30F	110	290	129	1.50	100	0.782
WPLKAB 40F	110	390	129	1.50	100	1.039
WPLKAB 50F	110	490	129	1.50	100	1.311
WPLKAB 60F	110	590	129	1.50	100	1.569
Stainless steel, acc. to AISI 304 (BS 304S31)						
WPLKAB 20E	110	190	129	1.50	100	0.493
WPLKAB 30E	110	290	129	1.50	100	0.736
WPLKAB 40E	110	390	129	1.50	100	0.978
WPLKAB 50E	110	490	129	1.50	100	1.237
WPLKAB 60E	110	590	129	1.50	100	1.479



WPRKAB

Wide-span cable tray drop-out plate

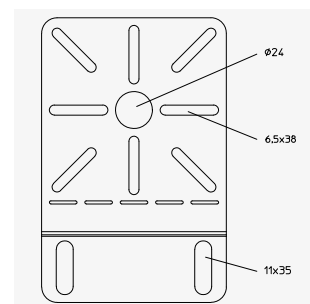
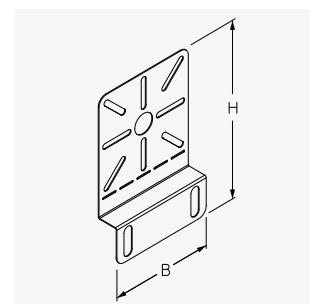
Article	H	B	L	t	R	G
	mm	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process						
WPRKAB 20S	110	190	129	1.50	100	0.466
WPRKAB 30S	110	290	129	1.50	100	0.707
WPRKAB 40S	110	390	129	1.50	100	0.948
WPRKAB 50S	110	490	129	1.50	100	1.193
WPRKAB 60S	110	590	129	1.50	100	1.434
Steel, hot-dip galvanised						
WPRKAB 20F	110	190	129	1.50	100	0.500
WPRKAB 30F	110	290	129	1.50	100	0.758
WPRKAB 40F	110	390	129	1.50	100	1.015
WPRKAB 50F	110	490	129	1.50	100	1.278
WPRKAB 60F	110	590	129	1.50	100	1.536
Stainless steel, acc. to AISI 304 (BS 304S31)						
WPRKAB 20E	110	190	129	1.50	100	0.471
WPRKAB 30E	110	290	129	1.50	100	0.714
WPRKAB 40E	110	390	129	1.50	100	0.956
WPRKAB 50E	110	490	129	1.50	100	1.204
WPRKAB 60E	110	590	129	1.50	100	1.446



MP-W

Mounting plate

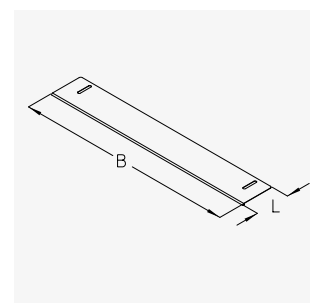
Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
MP-W S	185	120	1.00	0.233
Steel, hot-dip galvanised				
MP-W F	185	120	1.00	0.251
Stainless steel, acc. to AISI 304 (BS 304S31)				
MP-W E	185	120	1.00	0.238
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
MP-W E4	185	120	1.00	0.246



WPREB

Wide-span cable tray end plate

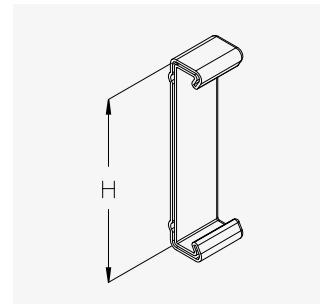
Article	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
WPREB 20S	195	90	0.126
WPREB 30S	295	90	0.185
WPREB 40S	395	90	0.244
WPREB 50S	495	90	0.302
WPREB 60S	595	90	0.361
Steel, hot-dip galvanised			
WPREB 20F	195	90	0.136
WPREB 30F	295	90	0.196
WPREB 40F	395	90	0.266
WPREB 50F	495	90	0.326
WPREB 60F	595	90	0.386



SWP 100

Protective cap, height = 100 mm

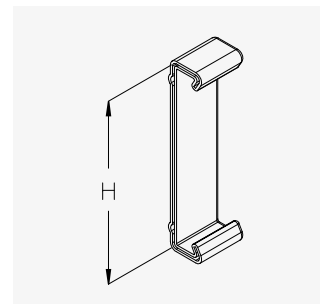
Article	H mm	G kg
polyethylen		
SWP 100	100	0.024



SWP 120

Protective cap, height = 120 mm

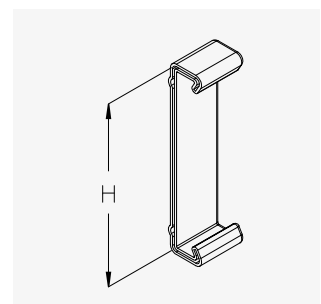
Article	H mm	G kg
polyethylen		
SWP 120	120	0.028



SWP 150

Protective cap, height = 150 mm

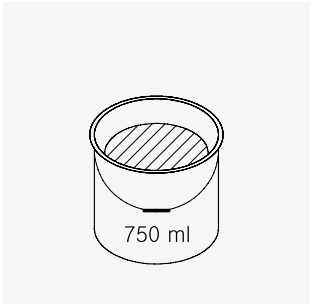
Article	H mm	G kg
polyethylen		
SWP 150	150	0.031



KZF

Cold zinc paint

Article	G
	kg
KZF	1.035



KZS

Cold zinc spray

Article	G
	kg
KZS	0.403





Vertical Ladders	232
Covers	241
Accessories LGG 60	242
Accessories STU 50	247
Accessories STU60/62	256
Accessories ST81/82	263

Vertical Ladders

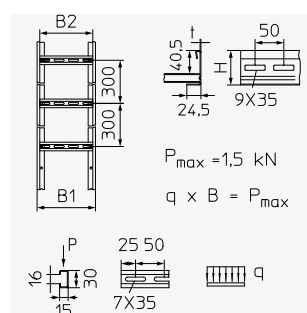
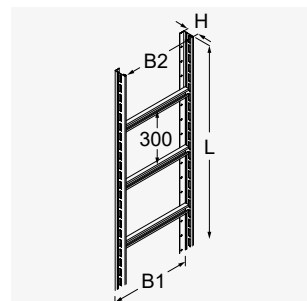
LGG 60

Vertical Ladder, L profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process						
LGG 60-20-3S	60	203	185	3000	1.50	7.920
LGG 60-30-3S	60	303	285	3000	1.50	8.610
LGG 60-40-3S	60	403	385	3000	1.50	9.300
LGG 60-50-3S	60	503	485	3000	1.50	9.980
LGG 60-60-3S	60	603	585	3000	1.50	10.670
LGG 60-20S	60	203	185	6000	1.50	15.840
LGG 60-30S	60	303	285	6000	1.50	17.200
LGG 60-40S	60	403	385	6000	1.50	18.570
LGG 60-50S	60	503	485	6000	1.50	19.940
LGG 60-60S	60	603	585	6000	1.50	21.310
Steel, hot-dip galvanised						
LGG 60-20-3F	60	203	185	3000	1.50	8.480
LGG 60-30-3F	60	303	285	3000	1.50	9.210
LGG 60-40-3F	60	403	385	3000	1.50	9.950
LGG 60-50-3F	60	503	485	3000	1.50	10.680
LGG 60-60-3F	60	603	585	3000	1.50	11.420
LGG 60-20F	60	203	185	6000	1.50	16.950
LGG 60-30F	60	303	285	6000	1.50	18.420
LGG 60-40F	60	403	385	6000	1.50	19.890
LGG 60-50F	60	503	485	6000	1.50	21.340
LGG 60-60F	60	603	585	6000	1.50	22.800
Stainless steel, acc. to AISI 304 (BS 304S31)						
LGG 60-20-3E	60	203	185	3000	1.50	7.897
LGG 60-30-3E	60	303	285	3000	1.50	8.592
LGG 60-40-3E	60	403	385	3000	1.50	9.277
LGG 60-50-3E	60	503	485	3000	1.50	9.977
LGG 60-60-3E	60	603	585	3000	1.50	10.632
LGG 60-20E	60	203	185	6000	1.50	15.950
LGG 60-30E	60	303	285	6000	1.50	17.330
LGG 60-40E	60	403	385	6000	1.50	18.710
LGG 60-50E	60	503	485	6000	1.50	20.090
LGG 60-60E	60	603	585	6000	1.50	21.470

optional accessories

LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVH 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVV 60	Cable ladder connector, vertical, height = 60 mm	153
LGTR 60	Cable ladder divider, height = 33 mm	155, 244
SL 60	Protection cap	160, 246
H	Cable clamp for fastening to C profile rails	242, 337



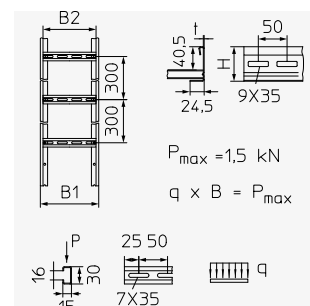
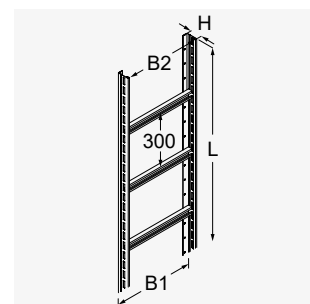
LGG 60

Vertical Ladder, L profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)						
LGG 60-20-3E4	60	203	185	3000	1.50	7.970
LGG 60-30-3E4	60	303	285	3000	1.50	8.660
LGG 60-40-3E4	60	403	385	3000	1.50	9.340
LGG 60-50-3E4	60	503	485	3000	1.50	10.030
LGG 60-60-3E4	60	603	585	3000	1.50	10.720
LGG 60-20E4	60	203	185	6000	1.50	15.950
LGG 60-30E4	60	303	285	6000	1.50	17.330
LGG 60-40E4	60	403	385	6000	1.50	18.710
LGG 60-50E4	60	503	485	6000	1.50	20.090
LGG 60-60E4	60	603	585	6000	1.50	21.470

optional accessories

LGV 60	Cable ladder connector, height = 60 mm	151, 244
LGVH 60	Cable ladder connector, horizontal, height = 60 mm	152
LGVV 60	Cable ladder connector, vertical, height = 60 mm	153
LGTR 60	Cable ladder divider, height = 33 mm	155, 244
SL 60	Protection cap	160, 246
H	Cable clamp for fastening to C profile rails	242, 337



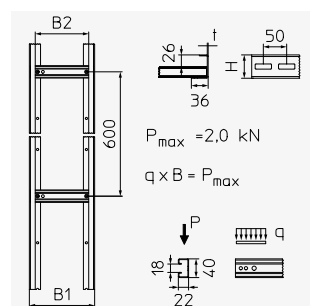
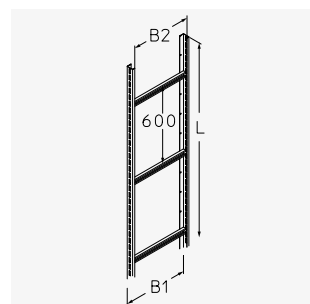
STU 50

Vertical ladder, isosceles U profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process						
STU 50-02-3S	50	210	172	3000	2.00	9.750
STU 50-03-3S	50	300	262	3000	2.00	10.350
STU 50-04-3S	50	400	362	3000	2.00	10.900
STU 50-05-3S	50	500	462	3000	2.00	11.500
STU 50-06-3S	50	600	562	3000	2.00	12.050
STU 50-07-3S	50	700	662	3000	2.00	12.650
STU 50-08-3S	50	800	762	3000	2.00	13.250
STU 50-02S	50	210	172	6000	2.00	19.500
STU 50-03S	50	300	262	6000	2.00	20.700
STU 50-04S	50	400	362	6000	2.00	21.800
STU 50-05S	50	500	462	6000	2.00	23.000
STU 50-06S	50	600	562	6000	2.00	24.100
STU 50-07S	50	700	662	6000	2.00	25.300
STU 50-08S	50	800	762	6000	2.00	26.500
Steel, hot-dip galvanised						
STU 50-02-3F	50	210	172	3000	2.00	10.500
STU 50-03-3F	50	300	262	3000	2.00	11.050
STU 50-04-3F	50	400	362	3000	2.00	11.650
STU 50-05-3F	50	500	462	3000	2.00	12.300
STU 50-06-3F	50	600	562	3000	2.00	12.900
STU 50-07-3F	50	700	662	3000	2.00	13.550
STU 50-08-3F	50	800	762	3000	2.00	14.150
STU 50-02F	50	210	172	6000	2.00	21.000
STU 50-03F	50	300	262	6000	2.00	22.100
STU 50-04F	50	400	362	6000	2.00	23.300
STU 50-05F	50	500	462	6000	2.00	24.600
STU 50-06F	50	600	562	6000	2.00	25.800
STU 50-07F	50	700	662	6000	2.00	27.100
STU 50-08F	50	800	762	6000	2.00	28.300

optional accessories

AC	Cable clamp for fastening to C profile rails	248, 257
BGUQ 50	Bolted head plate turned 90°, STU 50	252
BL 4	Mounting bracket	245, 253
KZF	Cold zinc paint	101, 126
KZS	Cold zinc spray	100, 126
LGV 50	Cable ladder connector, height = 50 mm	251
LH	Ladder bracket	245, 253
RD	Cable tray cover	67, 241
STD-A	Cover elevator	241
STLS	Rung	247
STR 110	Vertical ladder divider, height = 33 mm	252, 260
STR 50	Vertical ladder separating strip, height = 33 mm	252, 259
SU 50/36	Protection cap, STU 50	254



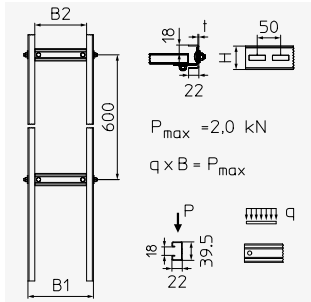
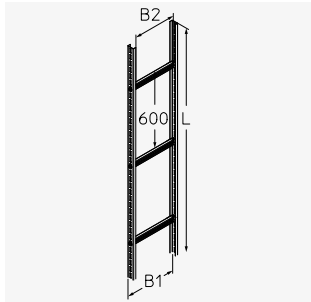
STU 50-3E

Vertical ladder, isosceles U profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)						
STU 50-02-3E	50	210	166	3000	2.00	9.213
STU 50-03-3E	50	300	256	3000	2.00	9.743
STU 50-04-3E	50	400	356	3000	2.00	10.328
STU 50-05-3E	50	500	456	3000	2.00	10.918
STU 50-06-3E	50	600	556	3000	2.00	11.503
STU 50-07-3E	50	700	656	3000	2.00	12.088
STU 50-08-3E	50	800	756	3000	2.00	12.678

optional accessories

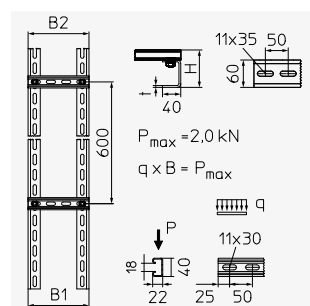
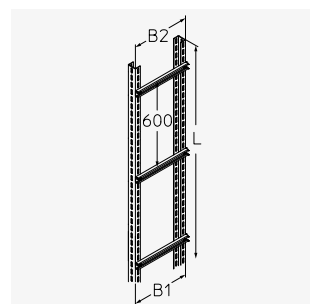
STUS 50	Rung	251
AC	Cable clamp for fastening to C profile rails	248, 257
LGV 50	Cable ladder connector, height = 50 mm	251
STR 50	Vertical ladder separating strip, height = 33 mm	252, 259
STR 110	Vertical ladder divider, height = 33 mm	252, 260
STD-A	Cover elevator	241
RD	Cable tray cover	67, 241
BL 4	Mounting bracket	245, 253
LH	Ladder bracket	245, 253
SU 50/22	Protection cap, KHU 50	255
KZF	Cold zinc paint	101, 126
KZS	Cold zinc spray	100, 126



STU 60

Vertical ladder, isosceles U profile

Article	H	B1	B2	L	P _{max}	G
	mm	mm	mm	mm	kN	kg
Steel, hot-dip galvanised						
STU 60-02-3F	60	200	200	3000	2.00	22.980
STU 60-03-3F	60	300	300	3000	2.00	23.730
STU 60-04-3F	60	400	400	3000	2.00	24.530
STU 60-05-3F	60	500	500	3000	2.00	25.280
STU 60-06-3F	60	600	600	3000	2.00	26.080
STU 60-07-3F	60	700	700	3000	2.00	26.830
STU 60-08-3F	60	800	800	3000	2.00	27.630
STU 60-09-3F	60	900	900	3000	2.00	28.380
STU 60-10-3F	60	1000	1000	3000	2.00	29.130
STU 60-11-3F	60	1100	1100	3000	2.00	29.930
STU 60-12-3F	60	1200	1200	3000	2.00	30.680
STU 60-02F	60	200	200	6000	2.00	46.040
STU 60-03F	60	300	300	6000	2.00	47.540
STU 60-04F	60	400	400	6000	2.00	49.140
STU 60-05F	60	500	500	6000	2.00	50.640
STU 60-06F	60	600	600	6000	2.00	52.240
STU 60-07F	60	700	700	6000	2.00	53.740
STU 60-08F	60	800	800	6000	2.00	55.340
STU 60-09F	60	900	900	6000	2.00	56.840
STU 60-10F	60	1000	1000	6000	2.00	58.340
STU 60-11F	60	1100	1100	6000	2.00	59.940
STU 60-12F	60	1200	1200	6000	2.00	61.440



optional accessories

STUS 60	Rung	261
AC	Cable clamp for fastening to C profile rails	248, 257
KHUV 60	Connector, KHU 60	261, 429
STR 50	Vertical ladder separating strip, height = 33 mm	252, 259
STR 110	Vertical ladder divider, height = 33 mm	252, 260
STD-A	Cover elevator	241
RD	Cable tray cover	67, 241
BGU 60	Bolted head plate, KHU 60	256, 426
BL 4	Mounting bracket	245, 253
SU 60	Protection cap, KHU 60	256, 433
KZF	Cold zinc paint	101, 126
KZS	Cold zinc spray	100, 126

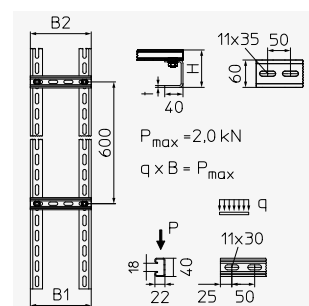
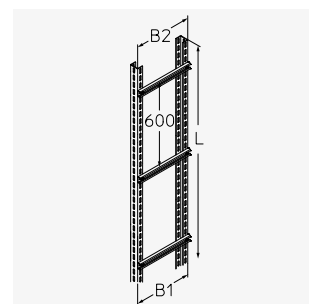
STU 60

Vertical ladder, isosceles U profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)						
STU 60-02-3E	60	200	200	3000	2.00	21.620
STU 60-03-3E	60	300	300	3000	2.00	22.370
STU 60-04-3E	60	400	400	3000	2.00	23.120
STU 60-05-3E	60	500	500	3000	2.00	23.870
STU 60-06-3E	60	600	600	3000	2.00	24.570
STU 60-07-3E	60	700	700	3000	2.00	25.320
STU 60-08-3E	60	800	800	3000	2.00	26.070
STU 60-09-3E	60	900	900	3000	2.00	26.770
STU 60-10-3E	60	1000	1000	3000	2.00	27.520
STU 60-11-3E	60	1100	1100	3000	2.00	28.270
STU 60-12-3E	60	1200	1200	3000	2.00	28.970
STU 60-02E	60	200	200	6000	2.00	43.500
STU 60-03E	60	300	300	6000	2.00	45.000
STU 60-04E	60	400	400	6000	2.00	46.500
STU 60-05E	60	500	500	6000	2.00	48.000
STU 60-06E	60	600	600	6000	2.00	49.400
STU 60-07E	60	700	700	6000	2.00	50.900
STU 60-08E	60	800	800	6000	2.00	52.400
STU 60-09E	60	900	900	6000	2.00	53.800
STU 60-10E	60	1000	1000	6000	2.00	55.300
STU 60-11E	60	1100	1100	6000	2.00	56.800
STU 60-12E	60	1200	1200	6000	2.00	58.200

optional accessories

STUS 60	Rung	261
AC	Cable clamp for fastening to C profile rails	248, 257
KHUV 60	Connector, KHU 60	261, 429
STR 50	Vertical ladder separating strip, height = 33 mm	252, 259
STR 110	Vertical ladder divider, height = 33 mm	252, 260
STD-A	Cover elevator	241
RD	Cable tray cover	67, 241
BGU 60	Bolted head plate, KHU 60	256, 426
BL 4	Mounting bracket	245, 253
SU 60	Protection cap, KHU 60	256, 433
KZF	Cold zinc paint	101, 126
KZS	Cold zinc spray	100, 126



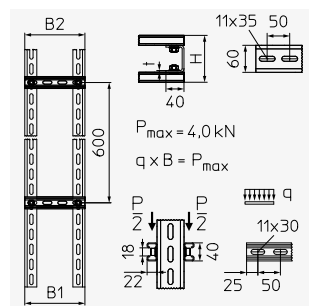
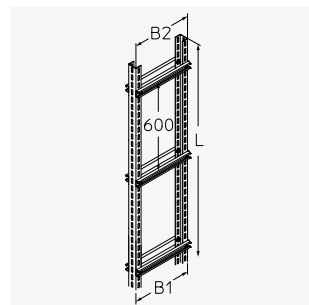
STU 62

Vertical ladder, isosceles U profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
STU 62-02-3F	60	200	200	3000	4.00	24.900
STU 62-03-3F	60	300	300	3000	4.00	26.400
STU 62-04-3F	60	400	400	3000	4.00	28.000
STU 62-05-3F	60	500	500	3000	4.00	29.500
STU 62-06-3F	60	600	600	3000	4.00	31.100
STU 62-07-3F	60	700	700	3000	4.00	32.600
STU 62-08-3F	60	800	800	3000	4.00	34.200
STU 62-09-3F	60	900	900	3000	4.00	35.700
STU 62-10-3F	60	1000	1000	3000	4.00	37.200
STU 62-11-3F	60	1100	1100	3000	4.00	38.800
STU 62-12-3F	60	1200	1200	3000	4.00	40.300
STU 62-02F	60	200	200	6000	4.00	49.880
STU 62-03F	60	300	300	6000	4.00	52.880
STU 62-04F	60	400	400	6000	4.00	56.080
STU 62-05F	60	500	500	6000	4.00	59.080
STU 62-06F	60	600	600	6000	4.00	62.280
STU 62-07F	60	700	700	6000	4.00	65.280
STU 62-08F	60	800	800	6000	4.00	68.480
STU 62-09F	60	900	900	6000	4.00	71.480
STU 62-10F	60	1000	1000	6000	4.00	74.480
STU 62-11F	60	1100	1100	6000	4.00	77.680
STU 62-12F	60	1200	1200	6000	4.00	80.680

optional accessories

STUS 60	Rung	261
AC	Cable clamp for fastening to C profile rails	248, 257
KHUV 60	Connector, KHU 60	261, 429
STR 50	Vertical ladder separating strip, height = 33 mm	252, 259
STR 110	Vertical ladder divider, height = 33 mm	252, 260
STD-A	Cover elevator	241
RD	Cable tray cover	67, 241
BGU 60	Bolted head plate, KHU 60	256, 426
BL 4	Mounting bracket	245, 253
SU 60	Protection cap, KHU 60	256, 433
KZF	Cold zinc paint	101, 126
KZS	Cold zinc spray	100, 126



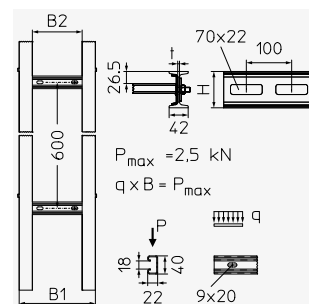
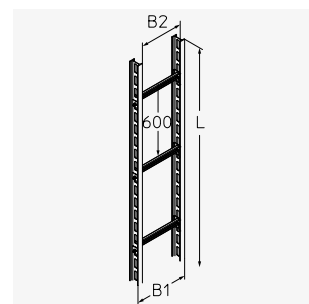
ST 81

Vertical ladder, I profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
ST 81-02-3F	80	242	158	3000	2.50	40.035
ST 81-03-3F	80	342	258	3000	2.50	40.860
ST 81-04-3F	80	442	358	3000	2.50	41.685
ST 81-05-3F	80	542	458	3000	2.50	42.510
ST 81-06-3F	80	642	558	3000	2.50	43.335
ST 81-07-3F	80	742	658	3000	2.50	44.155
ST 81-08-3F	80	842	758	3000	2.50	44.980
ST 81-09-3F	80	942	858	3000	2.50	45.805
ST 81-10-3F	80	1042	958	3000	2.50	46.630
ST 81-11-3F	80	1142	1058	3000	2.50	47.455
ST 81-12-3F	80	1242	1158	3000	2.50	48.275
ST 81-02F	80	242	158	6000	2.50	80.070
ST 81-03F	80	342	258	6000	2.50	81.720
ST 81-04F	80	442	358	6000	2.50	83.370
ST 81-05F	80	542	458	6000	2.50	85.020
ST 81-06F	80	642	558	6000	2.50	86.670
ST 81-07F	80	742	658	6000	2.50	88.310
ST 81-08F	80	842	758	6000	2.50	89.960
ST 81-09F	80	942	858	6000	2.50	91.610
ST 81-10F	80	1042	958	6000	2.50	93.260
ST 81-11F	80	1142	1058	6000	2.50	94.910
ST 81-12F	80	1242	1158	6000	2.50	96.550

optional accessories

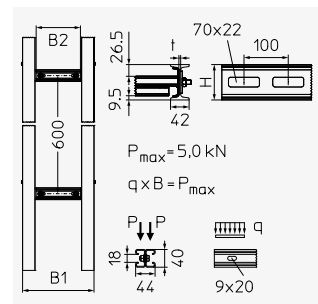
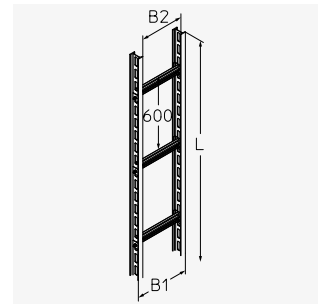
AC	Cable clamp for fastening to C profile rails	248, 257
STR 110	Vertical ladder divider, height = 33 mm	252, 260
STIS	Rung	268
HKI	Connector, KHI	269, 440
BGI	Bolted head plate, KHI	270, 438
BGIQ	Bolted head plate turned 90°, KHI	270, 439
BL 7	Mounting bracket	271, 442
SI	Protection cap, KDI/KHI	271, 444
STDE	Vertical ladder collision protection	267
STDES	Vertical ladder divider, height = 50 mm	268



ST 82

Vertical ladder, I profile

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
ST 82-02-3F	80	242	158	3000	5.00	41.342
ST 82-03-3F	80	342	258	3000	5.00	42.917
ST 82-04-3F	80	442	358	3000	5.00	44.507
ST 82-05-3F	80	542	458	3000	5.00	46.067
ST 82-06-3F	80	642	558	3000	5.00	46.942
ST 82-07-3F	80	742	658	3000	5.00	49.262
ST 82-08-3F	80	842	758	3000	5.00	50.887
ST 82-09-3F	80	942	858	3000	5.00	52.462
ST 82-10-3F	80	1042	958	3000	5.00	54.087
ST 82-11-3F	80	1142	1058	3000	5.00	55.662
ST 82-12-3F	80	1242	1158	3000	5.00	57.257
ST 82-02F	80	242	158	6000	5.00	82.684
ST 82-03F	80	342	258	6000	5.00	85.834
ST 82-04F	80	442	358	6000	5.00	89.014
ST 82-05F	80	542	458	6000	5.00	92.134
ST 82-06F	80	642	558	6000	5.00	93.884
ST 82-07F	80	742	658	6000	5.00	98.524
ST 82-08F	80	842	758	6000	5.00	101.774
ST 82-09F	80	942	858	6000	5.00	104.924
ST 82-10F	80	1042	958	6000	5.00	108.174
ST 82-11F	80	1142	1058	6000	5.00	111.324
ST 82-12F	80	1242	1158	6000	5.00	114.514



optional accessories

AC	Cable clamp for fastening to C profile rails	248, 257
STR 110	Vertical ladder divider, height = 33 mm	252, 260
STISD	Rung	269
HKI	Connector, KHI	269, 440
BGI	Bolted head plate, KHI	270, 438
BGIQ	Bolted head plate turned 90°, KHI	270, 439
BL 7	Mounting bracket	271, 442
SI	Protection cap, KDI/KHI	271, 444
STDE	Vertical ladder collision protection	267
STDES	Vertical ladder divider, height = 50 mm	268

Covers

RD

Cable tray cover

Article	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
RD 05S	56	3000	0.75	1.520
RD 10S	106	3000	0.75	2.400
RD 15S	156	3000	0.75	3.290
RD 20S	206	3000	0.75	4.170
RD 30S	306	3000	1.00	7.910
RD 40S	406	3000	1.00	10.270
RD 50S	506	3000	1.25	15.780
RD 60S	606	3000	1.25	18.720
Steel, hot-dip galvanised				
RD 05F	56	3000	0.75	1.630
RD 10F	106	3000	0.75	2.570
RD 15F	156	3000	0.75	3.520
RD 20F	206	3000	0.75	4.460
RD 30F	306	3000	1.00	8.470
RD 40F	406	3000	1.00	10.990
RD 50F	506	3000	1.25	16.880
RD 60F	606	3000	1.25	20.000
Stainless steel, acc. to AISI 304 (BS 304S31)				
RD 05E	56	3000	0.80	1.630
RD 10E	106	3000	0.80	2.580
RD 20E	206	3000	0.80	4.470
RD 30E	306	3000	1.00	7.960
RD 40E	406	3000	1.00	10.330
RD 50E	506	3000	1.25	15.880
RD 60E	606	3000	1.25	18.840

optional accessories

RD-SW	Cable tray storm protection bracket	80
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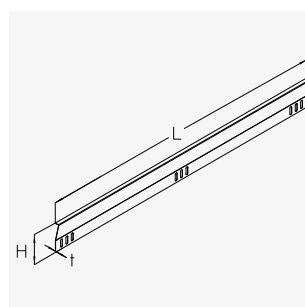
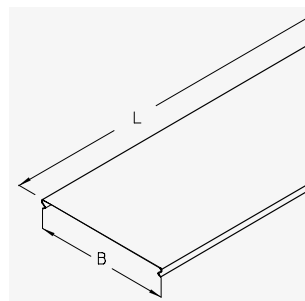
STD-A

Cover elevator

Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
STD-A 150S	150	1500	1.00	1.980
STD-A 180S	180	1500	1.00	2.330
Steel, hot-dip galvanised				
STD-A 150F	150	1500	1.00	2.120
STD-A 180F	180	1500	1.00	2.500
Stainless steel, acc. to AISI 304 (BS 304S31)				
STD-A 150E	150	1500	1.00	2.010
STD-A 180E	180	1500	1.00	2.370

optional accessories

KLS	Clamp fastening set	477
BS	Self-drilling screw	326



Accessories LGG 60

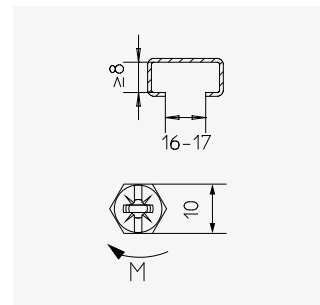
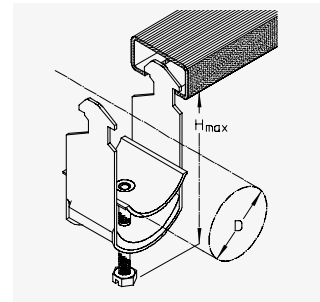
H

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 H	41	8 - 12	2	1	0.028
16 H	46	12 - 16	2	1	0.032
20 H	50	16 - 20	2	1	0.036
24 H	54	20 - 24	2	1	0.039
28 H	58	24 - 28	2	1	0.044
32 H	63	28 - 32	2	1	0.053
36 H	67	32 - 36	2	1	0.057
40 H	71	36 - 40	2	1	0.062
44 H	81	40 - 44	4	1	0.086
48 H	85	44 - 48	4	1	0.095
52 H	90	48 - 52	4	1	0.105
56 H	94	52 - 56	4	1	0.109
60 H	98	56 - 60	4	1	0.146
64 H	102	60 - 64	4	1	0.154
70 H	109	64 - 70	4	1	0.170
12/2 H	58	8 - 12	2	2	0.037
16/2 H	67	12 - 16	2	2	0.043
20/2 H	75	16 - 20	2	2	0.049
24/2 H	84	20 - 24	2	2	0.054
28/2 H	92	24 - 28	2	2	0.061
32/2 H	101	28 - 32	2	2	0.072
36/2 H	109	32 - 36	2	2	0.078
40/2 H	117	36 - 40	2	2	0.085
44/2 H	127	40 - 44	4	2	0.120
48/2 H	135	44 - 48	4	2	0.136
52/2 H	144	48 - 52	4	2	0.147
56/2 H	152	52 - 56	4	2	0.154

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
DW	Double trough	359
LW	Long trough	360
KHB 7	30x15 mm profile rail, perforated	468
B 7	30x15 mm profile rail, unperforated	467



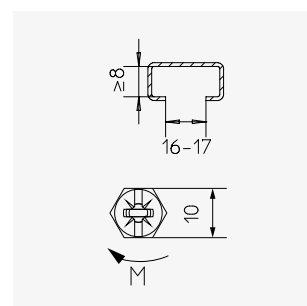
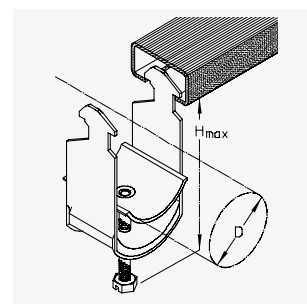
H

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
12 H-E	41	8 - 12	2	1	0.027
16 H-E	46	12 - 16	2	1	0.031
20 H-E	50	16 - 20	2	1	0.034
24 H-E	54	20 - 24	2	1	0.038
28 H-E	58	24 - 28	2	1	0.041
32 H-E	63	28 - 32	2	1	0.050
36 H-E	67	32 - 36	2	1	0.054
40 H-E	71	36 - 40	2	1	0.059
44 H-E	81	40 - 44	4	1	0.079
48 H-E	85	44 - 48	4	1	0.090
52 H-E	90	48 - 52	4	1	0.097
56 H-E	94	52 - 56	4	1	0.107
12/2 H-E	58	8 - 12	2	2	0.036
16/2 H-E	67	12 - 16	2	2	0.041
20/2 H-E	75	16 - 20	2	2	0.047
24/2 H-E	84	20 - 24	2	2	0.048
28/2 H-E	92	24 - 28	2	2	0.058
32/2 H-E	101	28 - 32	2	2	0.068
aluminium					
12 H-AL	41	8 - 12	1.5	1	0.011
16 H-AL	46	12 - 16	1.5	1	0.014
20 H-AL	50	16 - 20	1.5	1	0.016
24 H-AL	54	20 - 24	1.5	1	0.018
28 H-AL	58	24 - 28	1.5	1	0.021
32 H-AL	63	28 - 32	1.5	1	0.033
36 H-AL	67	32 - 36	1.5	1	0.037
40 H-AL	71	36 - 40	1.5	1	0.041
44 H-AL	81	40 - 44	3	1	0.045
48 H-AL	85	44 - 48	3	1	0.049
52 H-AL	90	48 - 52	3	1	0.053
56 H-AL	94	52 - 56	3	1	0.057

optional accessories

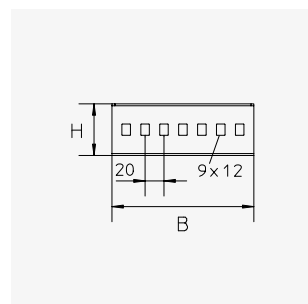
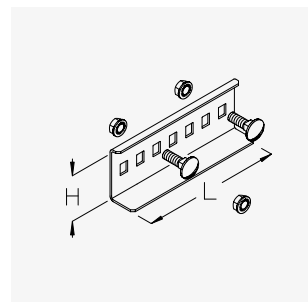
GW 12-70	Counter trough, dia. 12-70 mm	358
DW	Double trough	359
LW	Long trough	360
KHB 7	30x15 mm profile rail, perforated	468
B 7	30x15 mm profile rail, unperforated	467



LGV 60

Cable ladder connector, height = 60 mm

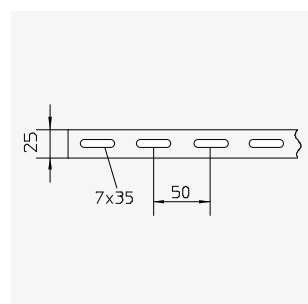
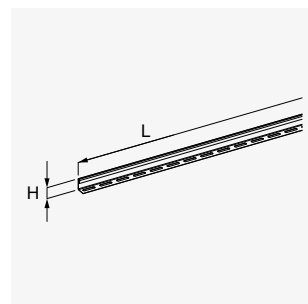
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGV 60S	60	150	0.236
Steel, hot-dip galvanised			
LGV 60F	60	150	0.247
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGV 60E	60	150	0.245
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
LGV 60E4	60	150	0.238



LGTR 60

Cable ladder divider, height = 33 mm

Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGTR 60S	33	3000	1.231
Steel, hot-dip galvanised			
LGTR 60F	33	3000	1.737
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGTR 60E	33	3000	1.627



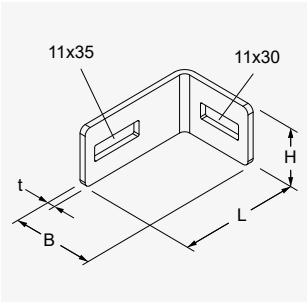
BL 4

Mounting bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BL 4F	40	54	83	4.00	0.149
steel, galvanic zinc plated					
BL 4GV	40	54	83	4.00	0.139
Stainless steel, acc. to AISI 304 (BS 304S31)					
BL 4E	40	54	83	4.00	0.140

optional accessories

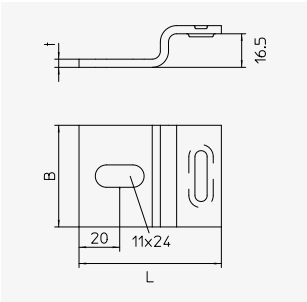
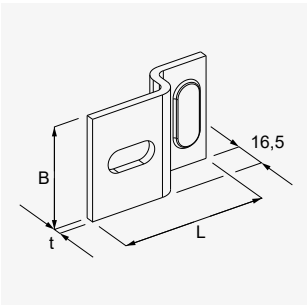
SD	Expansion anchor	487
KLS	Clamp fastening set	477



LH

Ladder bracket

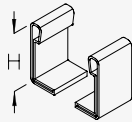
Article	B	L	t	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
LH F	50	70	4.00	0.252



SL 60

Protection cap

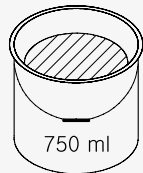
Article	H mm	G kg
polyethylen		
SL 60	60	0.024



KZF

Cold zinc paint

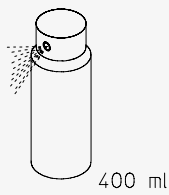
Article	G kg
KZF	1.035



KZS

Cold zinc spray

Article	G kg
KZS	0.403

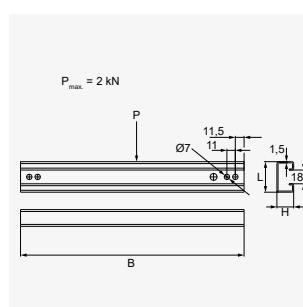
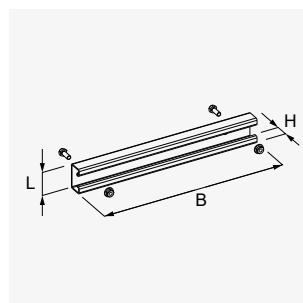


Accessories STU 50

STLS

Rung

Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
STLS 02S	22	203	40	0.237
STLS 03S	22	293	40	0.355
STLS 04S	22	393	40	0.468
STLS 05S	22	493	40	0.577
STLS 06S	22	593	40	0.704
STLS 07S	22	693	40	0.894
STLS 08S	22	793	40	0.903
Steel, hot-dip galvanised				
STLS 02F	22	203	40	0.270
STLS 03F	22	293	40	0.379
STLS 04F	22	393	40	0.509
STLS 05F	22	493	40	0.656
STLS 06F	22	593	40	0.754
STLS 07F	22	693	40	0.996
STLS 08F	22	793	40	1.116



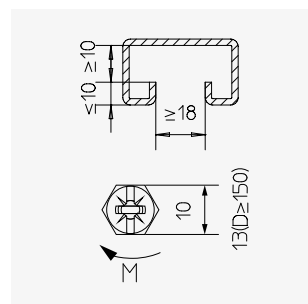
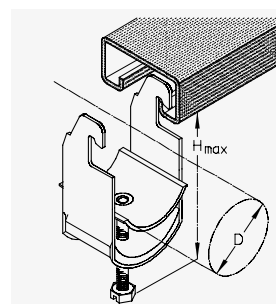
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 AC	41	8 - 12	2	1	0.026
16 AC	46	12 - 16	2	1	0.029
20 AC	50	16 - 20	2	1	0.033
24 AC	54	20 - 24	2	1	0.037
28 AC	58	24 - 28	2	1	0.041
32 AC	63	28 - 32	2	1	0.050
36 AC	67	32 - 36	2	1	0.054
40 AC	71	36 - 40	2	1	0.059
44 AC	81	40 - 44	4	1	0.091
48 AC	85	44 - 48	4	1	0.091
52 AC	90	48 - 52	4	1	0.104
56 AC	94	52 - 56	4	1	0.109
60 AC	98	56 - 60	4	1	0.141
64 AC	102	60 - 64	4	1	0.147
70 AC	109	64 - 70	4	1	0.159
76 AC	113	70 - 76	4	1	0.221
82 AC	119	76 - 82	4	1	0.234
88 AC	125	82 - 88	4	1	0.252
94 AC	131	88 - 94	4	1	0.279
100 AC	137	94 - 100	4	1	0.292
110 AC	157	101 - 110	4	1	0.313
120 AC	167	111 - 120	4	1	0.333
150 AC	203	145 - 150	6	1	1.046
175 AC	228	170 - 175	6	1	1.303
12/2 AC	58	8 - 12	2	2	0.033
16/2 AC	67	12 - 16	2	2	0.039
20/2 AC	75	16 - 20	2	2	0.045
24/2 AC	84	20 - 24	2	2	0.051
28/2 AC	92	24 - 28	2	2	0.057
32/2 AC	101	28 - 32	2	2	0.068
36/2 AC	109	32 - 36	2	2	0.074
40/2 AC	117	36 - 40	2	2	0.081
44/2 AC	127	40 - 44	4	2	0.135

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



AC

Cable clamp for fastening to C profile rails

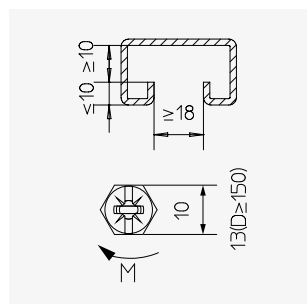
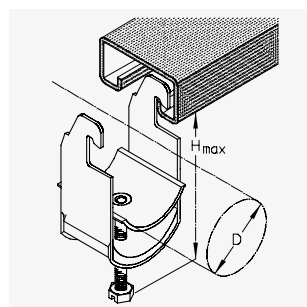
Article	H _{max} mm	D mm	M Nm	cables	G kg
48/2 AC	135	44 - 48	4	2	0.132
52/2 AC	144	48 - 52	4	2	0.142
56/2 AC	152	52 - 56	4	2	0.153
12/3 AC	71	8 - 12	2	3	0.040
16/3 AC	85	12 - 16	2	3	0.048
20/3 AC	97	16 - 20	2	3	0.056
24/3 AC	110	20 - 24	2	3	0.064

Stainless steel, acc. to AISI 304 (BS 304S31)

12 AC-E	41	8 - 12	2	1	0.025
16 AC-E	46	12 - 16	2	1	0.028
20 AC-E	50	16 - 20	2	1	0.032
24 AC-E	54	20 - 24	2	1	0.035
28 AC-E	58	24 - 28	2	1	0.040
32 AC-E	63	28 - 32	2	1	0.047
36 AC-E	67	32 - 36	2	1	0.051
40 AC-E	71	36 - 40	2	1	0.056
44 AC-E	81	40 - 44	4	1	0.078
48 AC-E	85	44 - 48	4	1	0.085
52 AC-E	90	48 - 52	4	1	0.092
56 AC-E	94	52 - 56	4	1	0.095
12/2 AC-E	58	8 - 12	2	2	0.032
16/2 AC-E	67	12 - 16	2	2	0.037
20/2 AC-E	75	16 - 20	2	2	0.043
24/2 AC-E	84	20 - 24	2	2	0.048
28/2 AC-E	92	24 - 28	2	2	0.054
32/2 AC-E	101	28 - 32	2	2	0.064
36/2 AC-E	109	32 - 36	2	2	0.070
40/2 AC-E	117	36 - 40	2	2	0.077
44/2 AC-E	127	40 - 44	4	2	0.117
48/2 AC-E	135	44 - 48	4	2	0.143
52/2 AC-E	144	48 - 52	4	2	0.126
56/2 AC-E	152	52 - 56	4	2	0.138

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



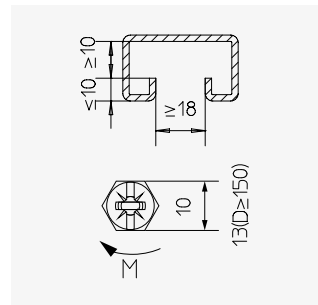
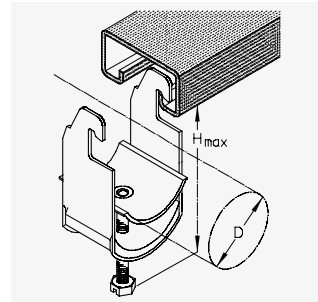
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
aluminium					
12 AC-AL	41	8 - 12	1.5	1	0.011
16 AC-AL	46	12 - 16	1.5	1	0.013
20 AC-AL	50	16 - 20	1.5	1	0.015
24 AC-AL	54	20 - 24	1.5	1	0.017
28 AC-AL	58	24 - 28	1.5	1	0.020
32 AC-AL	63	28 - 32	1.5	1	0.033
36 AC-AL	67	32 - 36	1.5	1	0.035
40 AC-AL	71	36 - 40	1.5	1	0.040
44 AC-AL	81	40 - 44	3	1	0.044
48 AC-AL	85	44 - 48	3	1	0.047
52 AC-AL	90	48 - 52	3	1	0.051
56 AC-AL	94	52 - 56	3	1	0.055

optional accessories

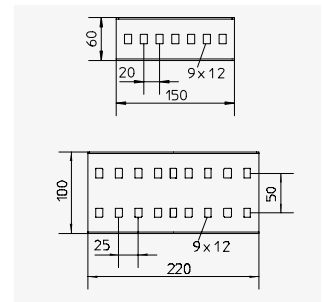
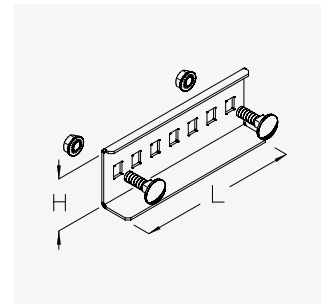
A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



LGV 50

Cable ladder connector, height = 50 mm

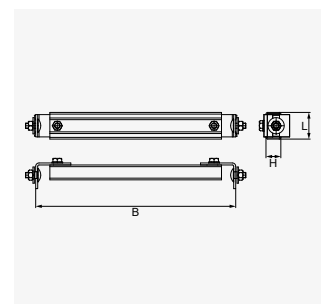
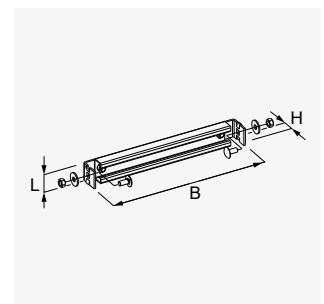
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
LGV 50S	50	150	0.212
Steel, hot-dip galvanised			
LGV 50F	50	150	0.218
Stainless steel, acc. to AISI 304 (BS 304S31)			
LGV 50E	50	150	0.208



STUS 50

Rung

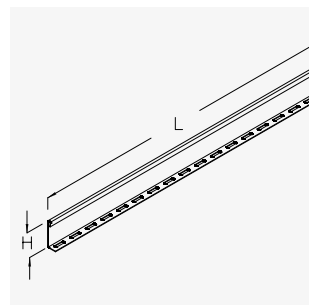
Article	H mm	B mm	L mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
STUS 50-02E	22	200	40	0.383
STUS 50-03E	22	300	40	0.489
STUS 50-04E	22	400	40	0.606
STUS 50-05E	22	500	40	0.724
STUS 50-06E	22	600	40	0.841
STUS 50-07E	22	700	40	0.958
STUS 50-08E	22	800	40	1.076
STUS 50-09E	22	900	40	1.193
STUS 50-10E	22	1000	40	1.310
STUS 50-11E	22	1100	40	1.428
STUS 50-12E	22	1200	40	1.545



STR 50

Vertical ladder separating strip, height = 33 mm

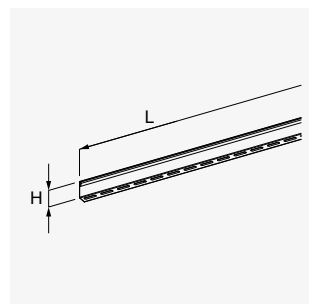
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
STR 50S	33	3000	1.267
Steel, hot-dip galvanised			
STR 50F	33	3000	1.779
Stainless steel, acc. to AISI 304 (BS 304S31)			
STR 50E	33	3000	1.651



STR 110

Vertical ladder divider, height = 33 mm

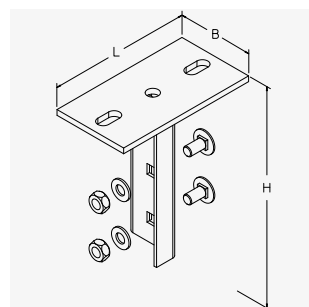
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
STR 110S	50	3000	1.603
Steel, hot-dip galvanised			
STR 110F	50	3000	1.709
Stainless steel, acc. to AISI 304 (BS 304S31)			
STR 110E	50	3000	2.103



BGUQ 50

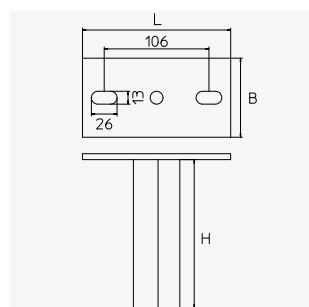
Bolted head plate turned 90°, STU 50

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGUQ 50F	156	80	150	0.993
Stainless steel, acc. to AISI 304 (BS 304S31)				
BGUQ 50E	156	80	150	0.939



optional accessories

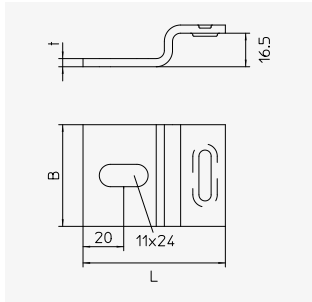
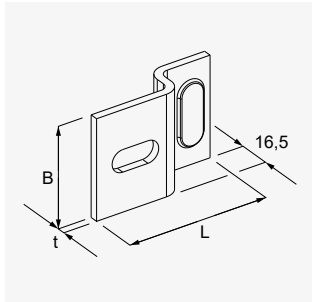
SD	Expansion anchor	487
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LH

Ladder bracket

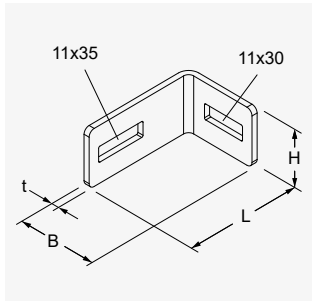
Article	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised				
LH F	50	70	4.00	0.252



BL 4

Mounting bracket

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
BL 4F	40	54	83	4.00	0.149
steel, galvanic zinc plated					
BL 4GV	40	54	83	4.00	0.139
Stainless steel, acc. to AISI 304 (BS 304S31)					
BL 4E	40	54	83	4.00	0.140



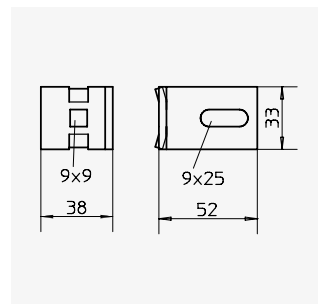
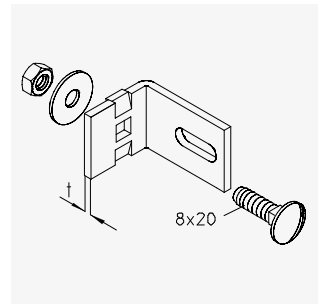
optional accessories

SD	Expansion anchor	487
KLS	Clamp fastening set	477

BL 6

Mounting bracket

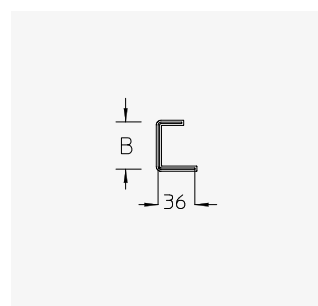
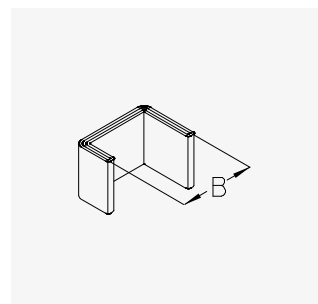
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
BL 6S	33	38	52	4.00	0.103
Steel, hot-dip galvanised					
BL 6F	33	38	52	4.00	0.103
Stainless steel, acc. to AISI 304 (BS 304S31)					
BL 6E	33	38	52	3.00	0.083



SU 50/36

Protection cap, STU 50

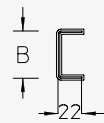
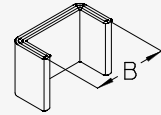
Article	H mm	B mm	L mm	G kg
polyethylen				
SU 50/36	35	36	50	0.029



SU 50/22

Protection cap, KHU 50

Article	H mm	B mm	L mm	G kg
polyethylen				
SU 50/22	35	22	50	0.010



KZF

Cold zinc paint

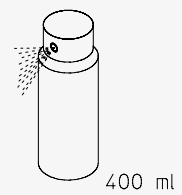
Article	G kg
KZF	1.035



KZS

Cold zinc spray

Article	G kg
KZS	0.403



Accessories STU60/62

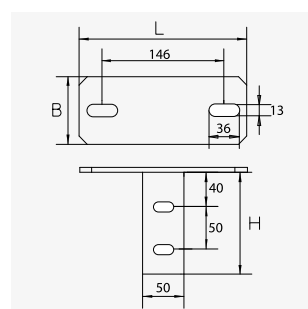
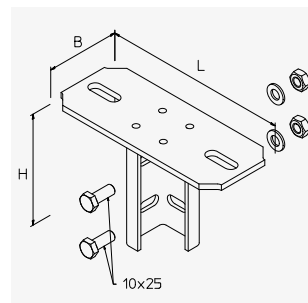
BGU 60

Bolted head plate, KHU 60

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGU 60F	120	80	200	1.289
steel, galvanic zinc plated				
BGU 60GV	120	80	200	1.251
Stainless steel, acc. to AISI 304 (BS 304S31)				
BGU 60E	120	80	200	1.259
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
BGU 60E4	120	80	200	1.256

optional accessories

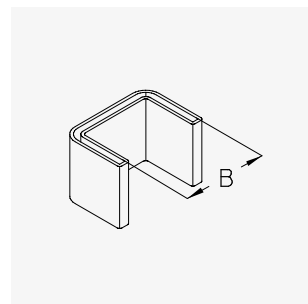
SD	Expansion anchor	487
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SU 60

Protection cap, KHU 60

Article	B mm	G kg
polyethylen		
SU 60	60	0.022



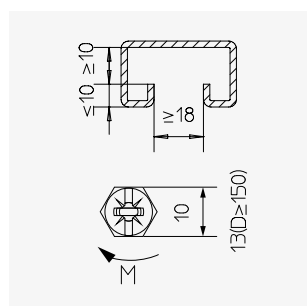
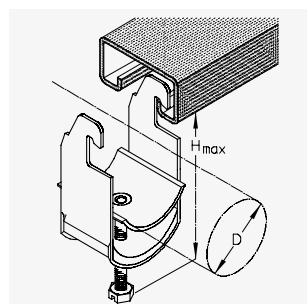
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 AC	41	8 - 12	2	1	0.026
16 AC	46	12 - 16	2	1	0.029
20 AC	50	16 - 20	2	1	0.033
24 AC	54	20 - 24	2	1	0.037
28 AC	58	24 - 28	2	1	0.041
32 AC	63	28 - 32	2	1	0.050
36 AC	67	32 - 36	2	1	0.054
40 AC	71	36 - 40	2	1	0.059
44 AC	81	40 - 44	4	1	0.091
48 AC	85	44 - 48	4	1	0.091
52 AC	90	48 - 52	4	1	0.104
56 AC	94	52 - 56	4	1	0.109
60 AC	98	56 - 60	4	1	0.141
64 AC	102	60 - 64	4	1	0.147
70 AC	109	64 - 70	4	1	0.159
76 AC	113	70 - 76	4	1	0.221
82 AC	119	76 - 82	4	1	0.234
88 AC	125	82 - 88	4	1	0.252
94 AC	131	88 - 94	4	1	0.279
100 AC	137	94 - 100	4	1	0.292
110 AC	157	101 - 110	4	1	0.313
120 AC	167	111 - 120	4	1	0.333
150 AC	203	145 - 150	6	1	1.046
175 AC	228	170 - 175	6	1	1.303
12/2 AC	58	8 - 12	2	2	0.033
16/2 AC	67	12 - 16	2	2	0.039
20/2 AC	75	16 - 20	2	2	0.045
24/2 AC	84	20 - 24	2	2	0.051
28/2 AC	92	24 - 28	2	2	0.057
32/2 AC	101	28 - 32	2	2	0.068
36/2 AC	109	32 - 36	2	2	0.074
40/2 AC	117	36 - 40	2	2	0.081
44/2 AC	127	40 - 44	4	2	0.135

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



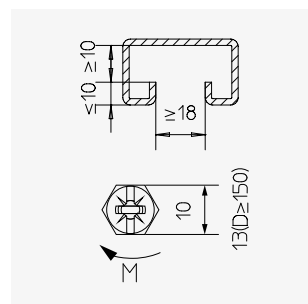
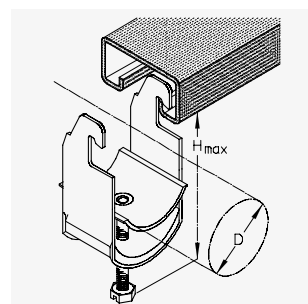
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
48/2 AC	135	44 - 48	4	2	0.132
52/2 AC	144	48 - 52	4	2	0.142
56/2 AC	152	52 - 56	4	2	0.153
12/3 AC	71	8 - 12	2	3	0.040
16/3 AC	85	12 - 16	2	3	0.048
20/3 AC	97	16 - 20	2	3	0.056
24/3 AC	110	20 - 24	2	3	0.064

Stainless steel, acc. to AISI 304 (BS 304S31)

12 AC-E	41	8 - 12	2	1	0.025
16 AC-E	46	12 - 16	2	1	0.028
20 AC-E	50	16 - 20	2	1	0.032
24 AC-E	54	20 - 24	2	1	0.035
28 AC-E	58	24 - 28	2	1	0.040
32 AC-E	63	28 - 32	2	1	0.047
36 AC-E	67	32 - 36	2	1	0.051
40 AC-E	71	36 - 40	2	1	0.056
44 AC-E	81	40 - 44	4	1	0.078
48 AC-E	85	44 - 48	4	1	0.085
52 AC-E	90	48 - 52	4	1	0.092
56 AC-E	94	52 - 56	4	1	0.095
12/2 AC-E	58	8 - 12	2	2	0.032
16/2 AC-E	67	12 - 16	2	2	0.037
20/2 AC-E	75	16 - 20	2	2	0.043
24/2 AC-E	84	20 - 24	2	2	0.048
28/2 AC-E	92	24 - 28	2	2	0.054
32/2 AC-E	101	28 - 32	2	2	0.064
36/2 AC-E	109	32 - 36	2	2	0.070
40/2 AC-E	117	36 - 40	2	2	0.077
44/2 AC-E	127	40 - 44	4	2	0.117
48/2 AC-E	135	44 - 48	4	2	0.143
52/2 AC-E	144	48 - 52	4	2	0.126
56/2 AC-E	152	52 - 56	4	2	0.138



optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360

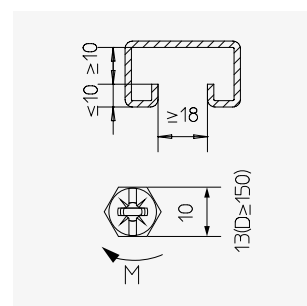
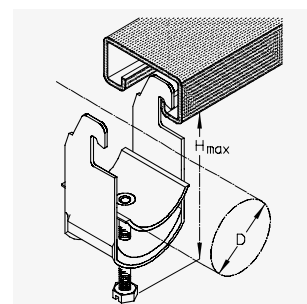
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
aluminium					
12 AC-AL	41	8 - 12	1.5	1	0.011
16 AC-AL	46	12 - 16	1.5	1	0.013
20 AC-AL	50	16 - 20	1.5	1	0.015
24 AC-AL	54	20 - 24	1.5	1	0.017
28 AC-AL	58	24 - 28	1.5	1	0.020
32 AC-AL	63	28 - 32	1.5	1	0.033
36 AC-AL	67	32 - 36	1.5	1	0.035
40 AC-AL	71	36 - 40	1.5	1	0.040
44 AC-AL	81	40 - 44	3	1	0.044
48 AC-AL	85	44 - 48	3	1	0.047
52 AC-AL	90	48 - 52	3	1	0.051
56 AC-AL	94	52 - 56	3	1	0.055

optional accessories

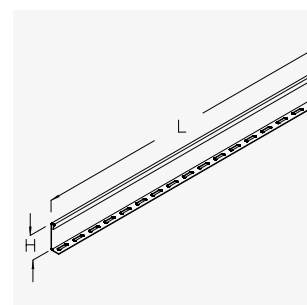
A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



STR 50

Vertical ladder separating strip, height = 33 mm

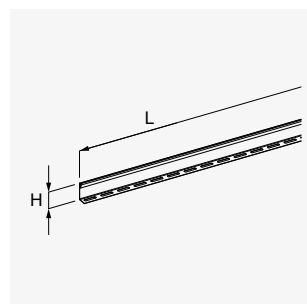
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
STR 50S	33	3000	1.267
Steel, hot-dip galvanised			
STR 50F	33	3000	1.779
Stainless steel, acc. to AISI 304 (BS 304S31)			
STR 50E	33	3000	1.651



STR 110

Vertical ladder divider, height = 33 mm

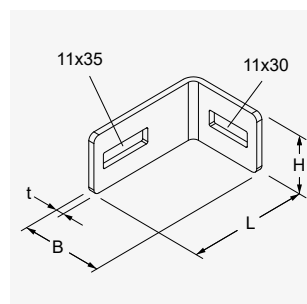
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
STR 110S	50	3000	1.603
Steel, hot-dip galvanised			
STR 110F	50	3000	1.709
Stainless steel, acc. to AISI 304 (BS 304S31)			
STR 110E	50	3000	2.103



BL 4

Mounting bracket

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
BL 4F	40	54	83	4.00	0.149
steel, galvanic zinc plated					
BL 4GV	40	54	83	4.00	0.139
Stainless steel, acc. to AISI 304 (BS 304S31)					
BL 4E	40	54	83	4.00	0.140



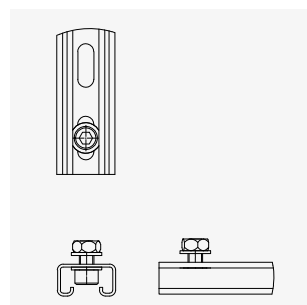
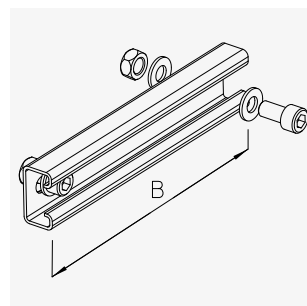
optional accessories

SD	Expansion anchor	487
KLS	Clamp fastening set	477

STUS 60

Rung

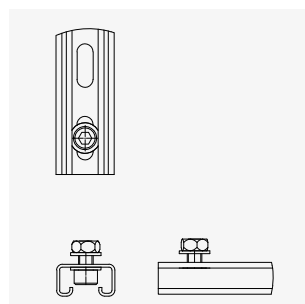
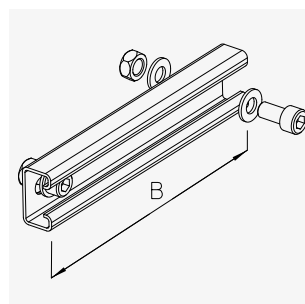
Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
STUS 60-02F	22	200	40	0.384
STUS 60-03F	22	300	40	0.534
STUS 60-04F	22	400	40	0.694
STUS 60-05F	22	500	40	0.844
STUS 60-06F	22	600	40	1.004
STUS 60-07F	22	700	40	1.154
STUS 60-08F	22	800	40	1.314
STUS 60-09F	22	900	40	1.464
STUS 60-10F	22	1000	40	1.614
STUS 60-11F	22	1100	40	1.774
STUS 60-12F	22	1200	40	1.924



STUS 60

Rung

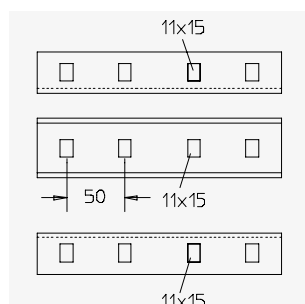
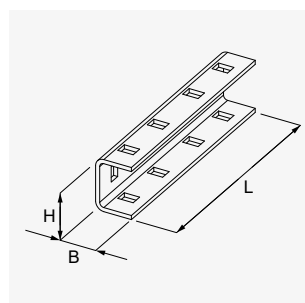
Article	H mm	B mm	L mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
STUS 60-02E	22	200	40	0.364
STUS 60-03E	22	300	40	0.514
STUS 60-04E	22	400	40	0.664
STUS 60-05E	22	500	40	0.814
STUS 60-06E	22	600	40	0.954
STUS 60-07E	22	700	40	1.104
STUS 60-08E	22	800	40	1.254
STUS 60-09E	22	900	40	1.394
STUS 60-10E	22	1000	40	1.544
STUS 60-11E	22	1100	40	1.694
STUS 60-12E	22	1200	40	1.834



KHUV 60

Connector, KHU 60

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
KHUV 60F	51	35	210	4.00	0.828
steel, galvanic zinc plated					
KHUV 60GV	51	35	210	4.00	0.771
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHUV 60E	51	35	210	4.00	0.787
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHUV 60E4	51	35	210	4.00	0.796



KZF

Cold zinc paint

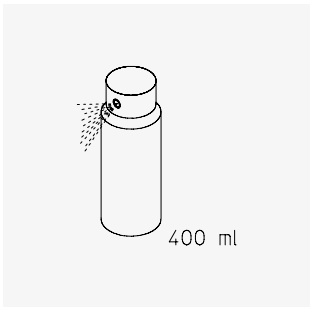
Article	G
	kg
KZF	1.035



KZS

Cold zinc spray

Article	G
	kg
KZS	0.403



Accessories ST81/82

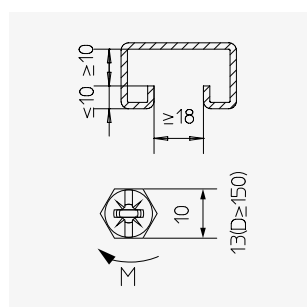
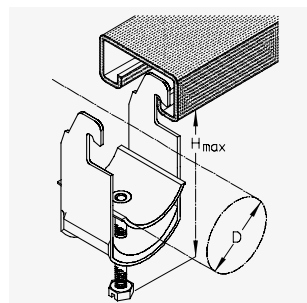
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 AC	41	8 - 12	2	1	0.026
16 AC	46	12 - 16	2	1	0.029
20 AC	50	16 - 20	2	1	0.033
24 AC	54	20 - 24	2	1	0.037
28 AC	58	24 - 28	2	1	0.041
32 AC	63	28 - 32	2	1	0.050
36 AC	67	32 - 36	2	1	0.054
40 AC	71	36 - 40	2	1	0.059
44 AC	81	40 - 44	4	1	0.091
48 AC	85	44 - 48	4	1	0.091
52 AC	90	48 - 52	4	1	0.104
56 AC	94	52 - 56	4	1	0.109
60 AC	98	56 - 60	4	1	0.141
64 AC	102	60 - 64	4	1	0.147
70 AC	109	64 - 70	4	1	0.159
76 AC	113	70 - 76	4	1	0.221
82 AC	119	76 - 82	4	1	0.234
88 AC	125	82 - 88	4	1	0.252
94 AC	131	88 - 94	4	1	0.279
100 AC	137	94 - 100	4	1	0.292
110 AC	157	101 - 110	4	1	0.313
120 AC	167	111 - 120	4	1	0.333
150 AC	203	145 - 150	6	1	1.046
175 AC	228	170 - 175	6	1	1.303
12/2 AC	58	8 - 12	2	2	0.033
16/2 AC	67	12 - 16	2	2	0.039
20/2 AC	75	16 - 20	2	2	0.045
24/2 AC	84	20 - 24	2	2	0.051
28/2 AC	92	24 - 28	2	2	0.057
32/2 AC	101	28 - 32	2	2	0.068

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



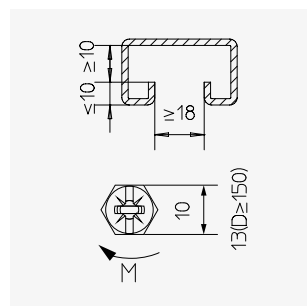
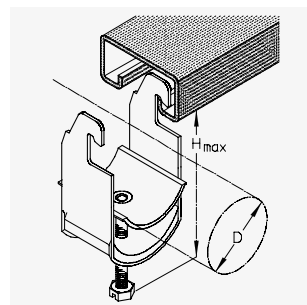
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
36/2 AC	109	32 - 36	2	2	0.074
40/2 AC	117	36 - 40	2	2	0.081
44/2 AC	127	40 - 44	4	2	0.135
48/2 AC	135	44 - 48	4	2	0.132
52/2 AC	144	48 - 52	4	2	0.142
56/2 AC	152	52 - 56	4	2	0.153
12/3 AC	71	8 - 12	2	3	0.040
16/3 AC	85	12 - 16	2	3	0.048
20/3 AC	97	16 - 20	2	3	0.056
24/3 AC	110	20 - 24	2	3	0.064

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
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KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



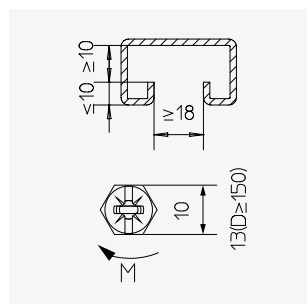
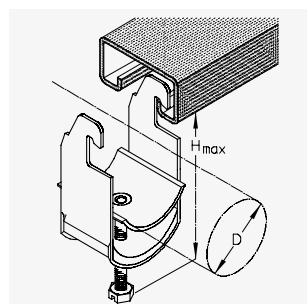
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
12 AC-E	41	8 - 12	2	1	0.025
16 AC-E	46	12 - 16	2	1	0.028
20 AC-E	50	16 - 20	2	1	0.032
24 AC-E	54	20 - 24	2	1	0.035
28 AC-E	58	24 - 28	2	1	0.040
32 AC-E	63	28 - 32	2	1	0.047
36 AC-E	67	32 - 36	2	1	0.051
40 AC-E	71	36 - 40	2	1	0.056
44 AC-E	81	40 - 44	4	1	0.078
48 AC-E	85	44 - 48	4	1	0.085
52 AC-E	90	48 - 52	4	1	0.092
56 AC-E	94	52 - 56	4	1	0.095
12/2 AC-E	58	8 - 12	2	2	0.032
16/2 AC-E	67	12 - 16	2	2	0.037
20/2 AC-E	75	16 - 20	2	2	0.043
24/2 AC-E	84	20 - 24	2	2	0.048
28/2 AC-E	92	24 - 28	2	2	0.054
32/2 AC-E	101	28 - 32	2	2	0.064
36/2 AC-E	109	32 - 36	2	2	0.070
40/2 AC-E	117	36 - 40	2	2	0.077
44/2 AC-E	127	40 - 44	4	2	0.117
48/2 AC-E	135	44 - 48	4	2	0.143
52/2 AC-E	144	48 - 52	4	2	0.126
56/2 AC-E	152	52 - 56	4	2	0.138

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
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A 7	39.5x22 mm profile rail, unperforated	459
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KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



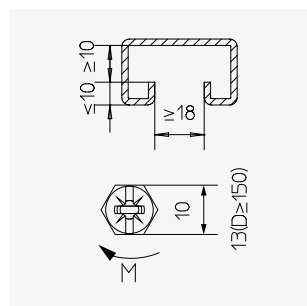
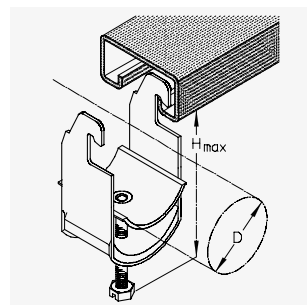
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
aluminium					
12 AC-AL	41	8 - 12	1.5	1	0.011
16 AC-AL	46	12 - 16	1.5	1	0.013
20 AC-AL	50	16 - 20	1.5	1	0.015
24 AC-AL	54	20 - 24	1.5	1	0.017
28 AC-AL	58	24 - 28	1.5	1	0.020
32 AC-AL	63	28 - 32	1.5	1	0.033
36 AC-AL	67	32 - 36	1.5	1	0.035
40 AC-AL	71	36 - 40	1.5	1	0.040
44 AC-AL	81	40 - 44	3	1	0.044
48 AC-AL	85	44 - 48	3	1	0.047
52 AC-AL	90	48 - 52	3	1	0.051
56 AC-AL	94	52 - 56	3	1	0.055

optional accessories

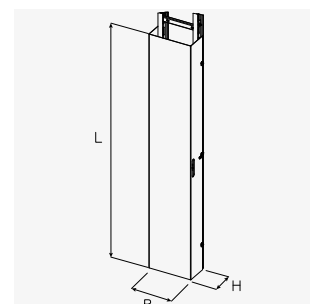
A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
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KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



STDE

Vertical ladder collision protection

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
STDE 120-20S	120	200	2000	2.00	21.390
STDE 120-30S	120	300	2000	2.00	21.390
STDE 120-40S	120	400	2000	2.00	24.530
STDE 120-50S	120	500	2000	2.00	27.670
STDE 120-60S	120	600	2000	2.00	30.810
STDE 120-70S	120	700	2000	2.00	33.950
STDE 120-80S	120	800	2000	2.00	37.090
STDE 120-90S	120	900	2000	2.00	40.230
STDE 120-100S	120	1000	2000	2.00	43.370
STDE 120-110S	120	1100	2000	2.00	49.990
STDE 120-120S	120	1200	2000	2.00	53.130
STDE 150-20S	150	200	2000	2.00	20.140
STDE 150-30S	150	300	2000	2.00	23.280
STDE 150-40S	150	400	2000	2.00	26.420
STDE 150-50S	150	500	2000	2.00	29.560
STDE 150-60S	150	600	2000	2.00	32.700
STDE 150-70S	150	700	2000	2.00	35.840
STDE 150-80S	150	800	2000	2.00	38.980
STDE 150-90S	150	900	2000	2.00	42.120
STDE 150-100S	150	1000	2000	2.00	45.260
STDE 150-110S	150	1100	2000	2.00	51.870
STDE 150-120S	150	1200	2000	2.00	55.010
Steel, hot-dip galvanised					
STDE 120-20F	120	200	2000	2.00	19.432
STDE 120-30F	120	300	2000	2.00	22.792
STDE 120-40F	120	400	2000	2.00	26.152
STDE 120-50F	120	500	2000	2.00	29.512
STDE 120-60F	120	600	2000	2.00	32.872
STDE 120-70F	120	700	2000	2.00	36.232
STDE 120-80F	120	800	2000	2.00	39.592
STDE 120-90F	120	900	2000	2.00	42.952
STDE 120-100F	120	1000	2000	2.00	46.312
STDE 120-110F	120	1100	2000	2.00	53.372
STDE 120-120F	120	1200	2000	2.00	56.732
STDE 150-20F	150	200	2000	2.00	21.452
STDE 150-30F	150	300	2000	2.00	24.542
STDE 150-40F	150	400	2000	2.00	28.172
STDE 150-50F	150	500	2000	2.00	31.532
STDE 150-60F	150	600	2000	2.00	34.892
STDE 150-70F	150	700	2000	2.00	38.252
STDE 150-80F	150	800	2000	2.00	41.612
STDE 150-90F	150	900	2000	2.00	44.972
STDE 150-100F	150	1000	2000	2.00	48.332
STDE 150-110F	150	1100	2000	2.00	55.392
STDE 150-120F	150	1200	2000	2.00	58.752



optional accessories

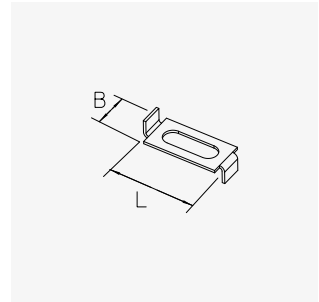
STDES Vertical ladder divider, height = 50 mm

268

STDES

Vertical ladder divider, height = 50 mm

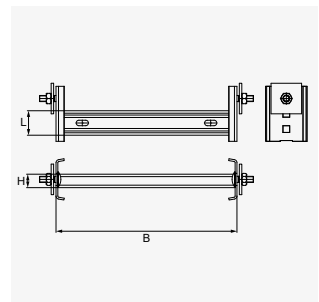
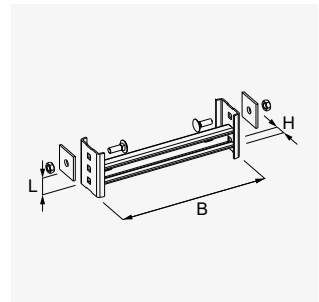
Article	G
	kg
Steel, pre-galvanised/Sendzimir process	
STDES S	0.003
Steel, hot-dip galvanised	
STDES F	0.003



STIS

Rung

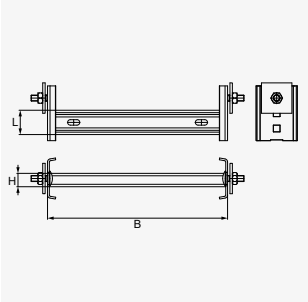
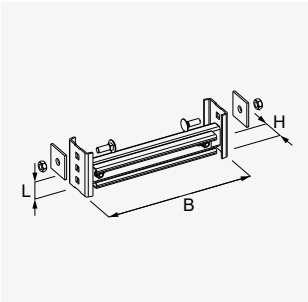
Article	H	B	L	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
STIS 02F	22	200	40	0.887
STIS 03F	22	300	40	1.052
STIS 04F	22	400	40	1.217
STIS 05F	22	500	40	1.382
STIS 06F	22	600	40	1.547
STIS 07F	22	700	40	1.711
STIS 08F	22	800	40	1.876
STIS 09F	22	900	40	2.041
STIS 10F	22	1000	40	2.206
STIS 11F	22	1100	40	2.371
STIS 12F	22	1200	40	2.535



STISD

Rung

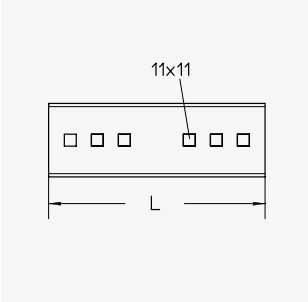
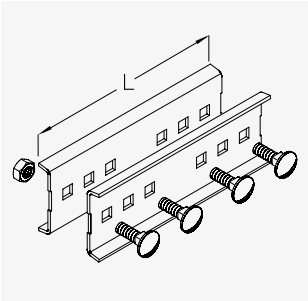
Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
STISD 02F	44	200	40	1.149
STISD 03F	44	300	40	1.464
STISD 04F	44	400	40	1.782
STISD 05F	44	500	40	2.094
STISD 06F	44	600	40	2.269
STISD 07F	44	700	40	2.733
STISD 08F	44	800	40	3.058
STISD 09F	44	900	40	3.373
STISD 10F	44	1000	40	3.698
STISD 11F	44	1100	40	4.013
STISD 12F	44	1200	40	4.332



HKI

Connector, KHI

Article	H mm	L mm	G kg
Steel, hot-dip galvanised			
HKI F	68	200	0.886



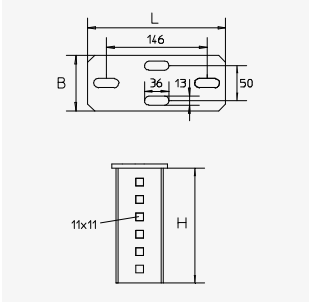
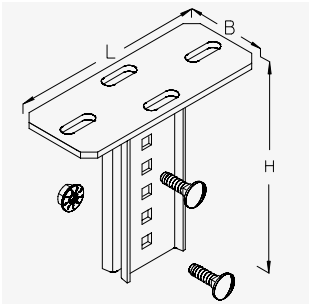
BGI

Bolted head plate, KHI

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGI F	165	80	200	1.542

optional accessories

SD	Expansion anchor	487
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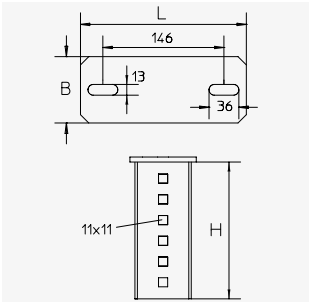
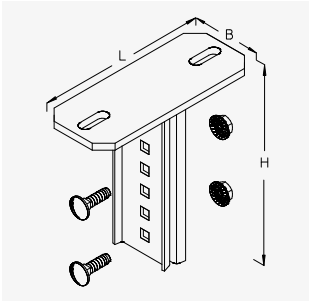
BGIQ

Bolted head plate turned 90°, KHI

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGIQ F	165	80	200	1.708

optional accessories

SD	Expansion anchor	487
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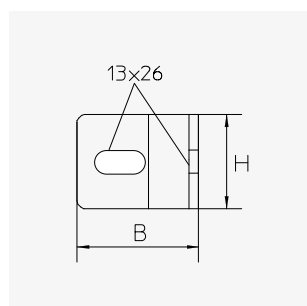
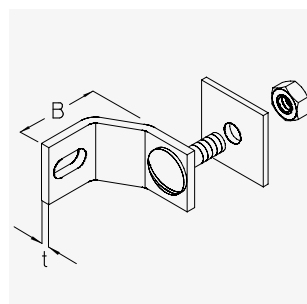
BL 7

Mounting bracket

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
BL 7F	65	50	65	5.00	0.337
steel, galvanic zinc plated					
BL 7GV	65	50	65	5.00	0.328

optional accessories

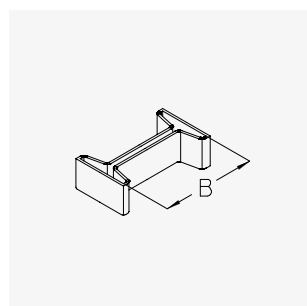
SD	Expansion anchor	487
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SI

Protection cap, KDI/KHI

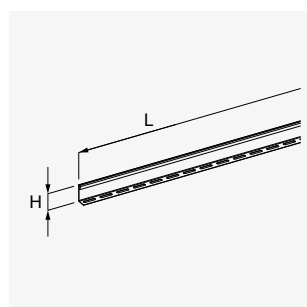
Article	B mm	G kg
polyethylen		
SI	80	0.014



STR 110

Vertical ladder divider, height = 33 mm

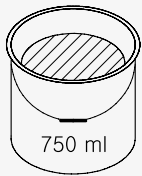
Article	H mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process			
STR 110S	50	3000	1.603
Steel, hot-dip galvanised			
STR 110F	50	3000	1.709
Stainless steel, acc. to AISI 304 (BS 304S31)			
STR 110E	50	3000	2.103



KZF

Cold zinc paint

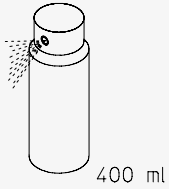
Article	G
	kg
KZF	1.035

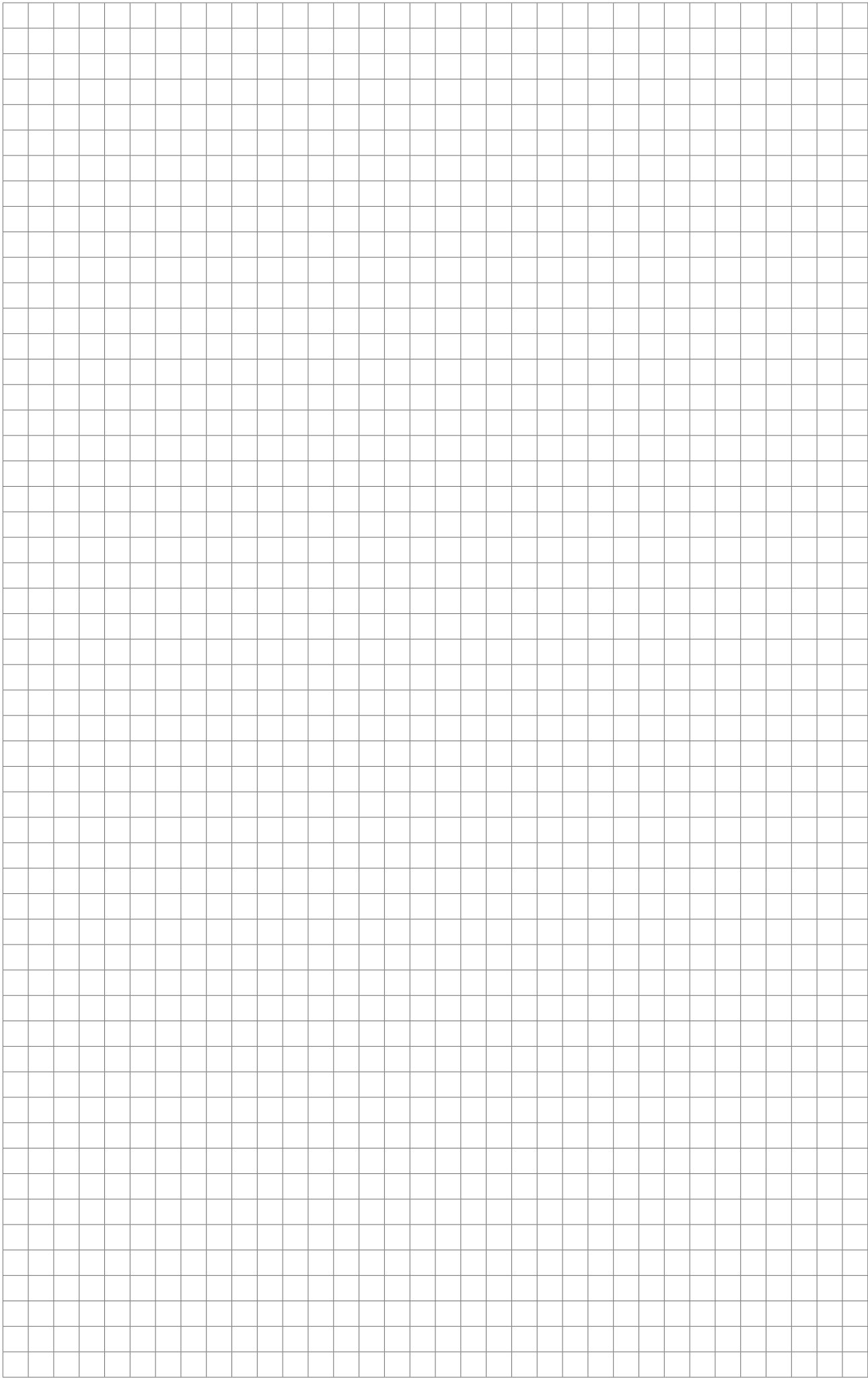


KZS

Cold zinc spray

Article	G
	kg
KZS	0.403







Floor Ducts

Floor Ducts	276
Formed Parts	279
Covers	293
Accessories	316

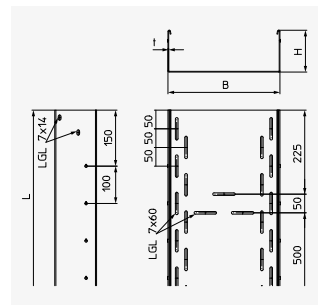
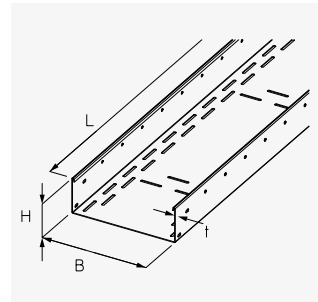


Floor Ducts

BK 100

Floor duct, height = 100 mm

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
BK 1-100-10S	100	100	1000	2.00	4.880
BK 1-100-15S	100	150	1000	2.00	5.647
BK 1-100-20S	100	200	1000	2.00	6.316
BK 1-100-30S	100	300	1000	2.00	7.874
BK 1-100-40S	100	400	1000	2.00	9.418
BK 1-100-50S	100	500	1000	2.00	10.962
BK 1-100-60S	100	600	1000	2.00	12.506
BK 1.5-100-10S	100	100	1500	2.00	7.325
BK 1.5-100-15S	100	150	1500	2.00	8.477
BK 1.5-100-20S	100	200	1500	2.00	9.574
BK 1.5-100-30S	100	300	1500	2.00	11.809
BK 1.5-100-40S	100	400	1500	2.00	14.126
BK 1.5-100-50S	100	500	1500	2.00	16.442
BK 1.5-100-60S	100	600	1500	2.00	18.759
BK 100-10S	100	100	3000	2.00	14.661
BK 100-15S	100	150	3000	2.00	16.864
BK 100-20S	100	200	3000	2.00	18.946
BK 100-30S	100	300	3000	2.00	23.617
BK 100-40S	100	400	3000	2.00	28.250
BK 100-50S	100	500	3000	2.00	32.883
BK 100-60S	100	600	3000	2.00	37.516



optional accessories

BKTE 100	Floor duct telescopic insert, height = 100 mm	279
BKDR	Floor duct cover with turning bolts	295
BKD-RHP	Floor duct cover with anti-slip embossing	293
BKDR-WZB AL	Floor duct cover made of aluminium diamond plate	294
BKV 100	Floor duct connector, height = 95 mm	316
BKRT 100	Floor duct divider, height = 100 mm	317
BKZ	Floor duct Z profile	319
BKEB 100	Floor duct end plate, height = 100 mm	320
BKHR	Floor duct stand-off bracket, height = 110 mm	322
BKHC	Floor duct stand-off bracket, height = 90 mm	323
KHZ	Z profile	325
BKRKK 100	Floor duct reducer, height = 95 mm	292
BKRKS 100	Floor duct reducer, height = 95 mm	292
BKMT	Multitool for floor ducts	326
KSB	Edge protection strip	98, 329
BKPA	Floor duct equipotential bonding terminal block	325

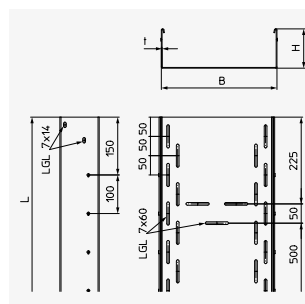
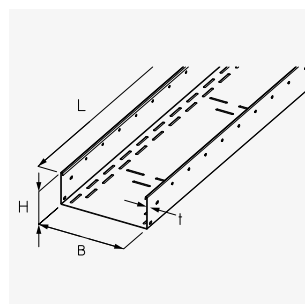
BK 110

Floor duct, height = 110 mm

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
BK 1-110-10S	110	100	1000	2.00	5.194
BK 1-110-15S	110	150	1000	2.00	5.961
BK 1-110-20S	110	200	1000	2.00	6.630
BK 1-110-30S	110	300	1000	2.00	8.188
BK 1-110-40S	110	400	1000	2.00	9.732
BK 1-110-50S	110	500	1000	2.00	11.276
BK 1-110-60S	110	600	1000	2.00	12.820
BK 1.5-110-10S	110	100	1500	2.00	7.796
BK 1.5-110-15S	110	150	1500	2.00	8.947
BK 1.5-110-20S	110	200	1500	2.00	9.945
BK 1.5-110-30S	110	300	1500	2.00	12.280
BK 1.5-110-40S	110	400	1500	2.00	14.597
BK 1.5-110-50S	110	500	1500	2.00	16.913
BK 1.5-110-60S	110	600	1500	2.00	19.230
BK 110-10S	110	100	3000	2.00	15.603
BK 110-15S	110	150	3000	2.00	17.609
BK 110-20S	110	200	3000	2.00	19.888
BK 110-30S	110	300	3000	2.00	24.559
BK 110-40S	110	400	3000	2.00	29.192
BK 110-50S	110	500	3000	2.00	33.825
BK 110-60S	110	600	3000	2.00	38.458

optional accessories

BKTE 110	Floor duct telescopic insert, height = 110 mm	279
BKDR	Floor duct cover with turning bolts	295
BKD-RHP	Floor duct cover with anti-slip embossing	293
BKDR-WZB AL	Floor duct cover made of aluminium diamond plate	294
BKV 110	Floor duct connector, height = 95 mm	316
BKRT 110	Floor duct divider, height = 110 mm	317
BKZ	Floor duct Z profile	319
BKEB 110	Floor duct end plate, height = 110 mm	320
BKHR	Floor duct stand-off bracket, height = 110 mm	322
BKHC	Floor duct stand-off bracket, height = 90 mm	323
KHZ	Z profile	325
BKRKK 110	Floor duct reducer, height = 105 mm	292
BKRKS 110	Floor duct reducer, height = 105 mm	292
BKMT	Multitool for floor ducts	326
KSB	Edge protection strip	98, 329
BKPA	Floor duct equipotential bonding terminal block	325



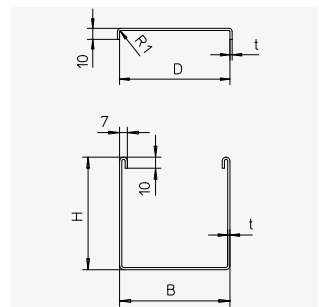
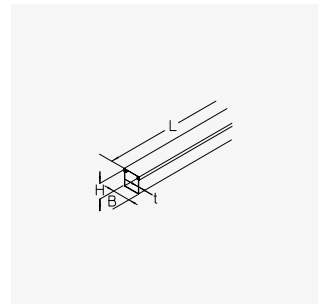
KLK

Cable duct with cover

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
KLK 30-03S	30	30	3000	1.00	3.670
KLK 30-05S	30	50	3000	1.00	4.620
KLK 40-04S	40	40	3000	1.00	4.620
KLK 60-06S	60	60	3000	1.00	6.500

optional accessories

BKRKK 100	Floor duct reducer, height = 95 mm	292
KLKV	Cable duct connector	316



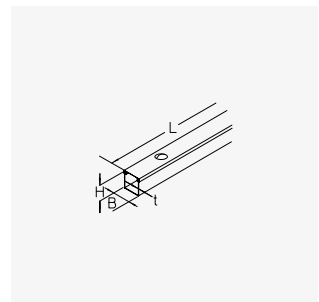
KLKR

Cable duct with cover with turnbuckles

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, pre-galvanised/Sendzimir process					
KLKR 30-05S	30	50	3000	1.00	4.730
KLKR 60-06S	60	60	3000	1.00	6.620

optional accessories

BKRKK 100	Floor duct reducer, height = 95 mm	292
KLKV	Cable duct connector	316



Formed Parts

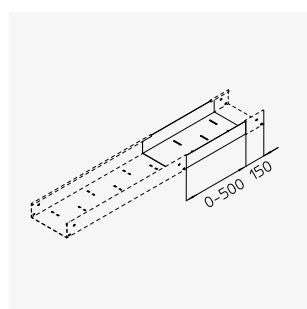
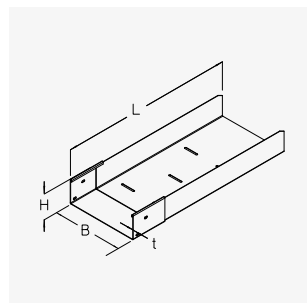
BKTE 100

Floor duct telescopic insert, height = 100 mm

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
BKTE 100-700-10S	100	100	700	1.50	2.620
BKTE 100-700-15S	100	150	700	1.50	3.080
BKTE 100-700-20S	100	200	700	1.50	3.520
BKTE 100-700-30S	100	300	700	1.50	4.460
BKTE 100-700-40S	100	400	700	1.50	5.370
BKTE 100-700-50S	100	500	700	1.50	6.280
BKTE 100-700-60S	100	600	700	1.50	7.190

optional accessories

BKDR	Floor duct cover with turning bolts	295
BKD-RHP	Floor duct cover with anti-slip embossing	293
BKDR-WZB AL	Floor duct cover made of aluminium diamond plate	294
BKV 100	Floor duct connector, height = 95 mm	316
BKRT 100	Floor duct divider, height = 100 mm	317
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKEB 100	Floor duct end plate, height = 100 mm	320



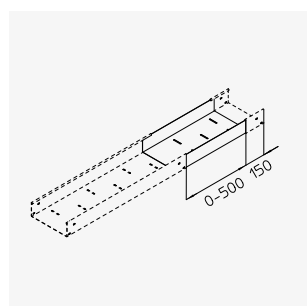
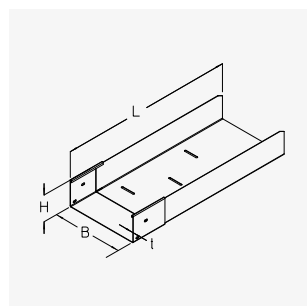
BKTE 110

Floor duct telescopic insert, height = 110 mm

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
BKTE 110-700-10S	110	100	700	1.50	2.800
BKTE 110-700-15S	110	150	700	1.50	3.260
BKTE 110-700-20S	110	200	700	1.50	3.720
BKTE 110-700-30S	110	300	700	1.50	4.640
BKTE 110-700-40S	110	400	700	1.50	5.550
BKTE 110-700-50S	110	500	700	1.50	6.460
BKTE 110-700-60S	110	600	700	1.50	7.470

optional accessories

BKDR	Floor duct cover with turning bolts	295
BKD-RHP	Floor duct cover with anti-slip embossing	293
BKDR-WZB AL	Floor duct cover made of aluminium diamond plate	294
BKV 110	Floor duct connector, height = 95 mm	316
BKRT 110	Floor duct divider, height = 110 mm	317
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKEB 110	Floor duct end plate, height = 110 mm	320



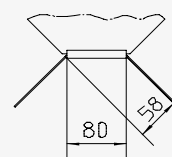
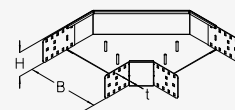
BKB 100

Floor duct bend, height = 100 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKB 100-10S	100	100	2.00	90°	1.841
BKB 100-15S	100	100	2.00	90°	2.306
BKB 100-20S	100	200	2.00	90°	2.710
BKB 100-30S	100	300	2.00	90°	3.820
BKB 100-40S	100	400	2.00	90°	5.210
BKB 100-50S	100	500	2.00	90°	6.830
BKB 100-60S	100	600	2.00	90°	8.740

optional accessories

BKBDR	Floor duct cover with turnbuckles	296
BKBDR-RHP	Floor duct bend cover with anti-slip embossing	295
BKBDR-WZB AL	Floor duct bend cover made of aluminium diamond plate	296
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



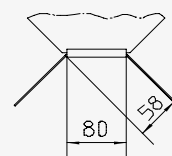
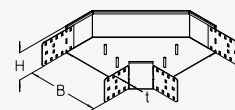
BKB 110

Floor duct bend, height = 110 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKB 110-10S	110	100	2.00	90°	1.891
BKB 110-15S	110	150	2.00	90°	2.356
BKB 110-20S	110	200	2.00	90°	2.780
BKB 110-30S	110	300	2.00	90°	3.920
BKB 110-40S	110	400	2.00	90°	5.340
BKB 110-50S	110	500	2.00	90°	7.000
BKB 110-60S	110	600	2.00	90°	8.930

optional accessories

BKBDR	Floor duct cover with turnbuckles	296
BKBDR-RHP	Floor duct bend cover with anti-slip embossing	295
BKBDR-WZB AL	Floor duct bend cover made of aluminium diamond plate	296
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



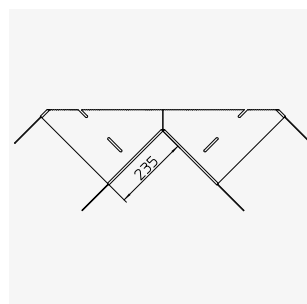
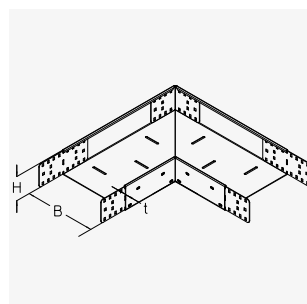
BKBG 100

Floor duct with mitre cut, height = 100 mm

Article	H mm	B mm	t mm	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBG 100-10S	100	100	2.00	90°	4.874
BKBG 100-15S	100	150	2.00	90°	5.594
BKBG 100-20S	100	200	2.00	90°	6.414
BKBG 100-30S	100	300	2.00	90°	8.074
BKBG 100-40S	100	400	2.00	90°	10.434
BKBG 100-50S	100	500	2.00	90°	12.974
BKBG 100-60S	100	600	2.00	90°	15.674

optional accessories

BKBGDR	Floor duct bend cover with mitre cut and turnbuckles	298
BKBGDR-RHP	Floor duct bend cover with mitre cut and anti-slip embossing	297
BKBGDR-WZB AL	Floor duct bend cover made of aluminium diamond plate with mitre cut	297
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



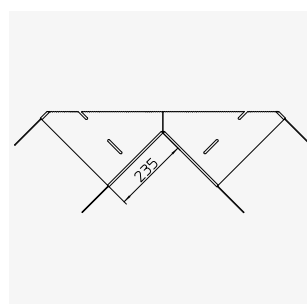
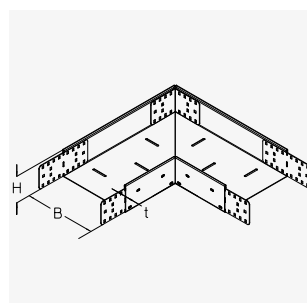
BKBG 110

Floor duct with mitre cut, height = 110 mm

Article	H mm	B mm	t mm	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBG 110-10S	110	100	2.00	90°	5.054
BKBG 110-15S	110	150	2.00	90°	5.794
BKBG 110-20S	110	200	2.00	90°	6.614
BKBG 110-30S	110	300	2.00	90°	8.494
BKBG 110-40S	110	400	2.00	90°	10.714
BKBG 110-50S	110	500	2.00	90°	13.274
BKBG 110-60S	110	600	2.00	90°	16.014

optional accessories

BKBGDR	Floor duct bend cover with mitre cut and turnbuckles	298
BKBGDR-RHP	Floor duct bend cover with mitre cut and anti-slip embossing	297
BKBGDR-WZB AL	Floor duct bend cover made of aluminium diamond plate with mitre cut	297
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



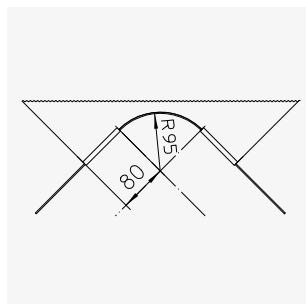
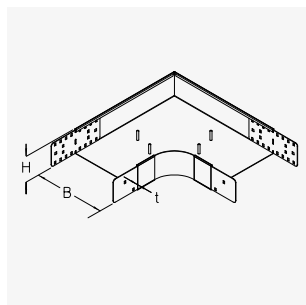
BKBR 100

Floor duct bend with radius, height = 100 mm

Article	H	B	t	R	W	G
	mm	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process						
BKBR 100-10S	100	100	2.00	95	90°	3.500
BKBR 100-15S	100	150	2.00	95	90°	4.130
BKBR 100-20S	100	200	2.00	95	90°	4.870
BKBR 100-30S	100	300	2.00	95	90°	6.530
BKBR 100-40S	100	400	2.00	95	90°	8.510
BKBR 100-50S	100	500	2.00	95	90°	10.800
BKBR 100-60S	100	600	2.00	95	90°	13.410

optional accessories

BKBRDR	Floor duct bend cover with radius and turnbuckles	299
BKBRDR-RHP	Floor duct bend cover with radius and anti-slip embossing	298
BKBRDR-WZB AL	Floor duct bend cover with radius, made of aluminium diamond plate	299
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



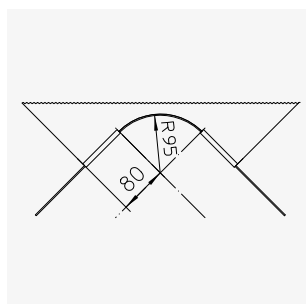
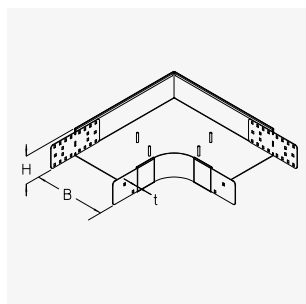
BKBR 110

Floor duct bend with radius, height = 110 mm

Article	H	B	t	R	W	G
	mm	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process						
BKBR 110-10S	110	100	2.00	95	90°	3.870
BKBR 110-15S	110	150	2.00	95	90°	4.520
BKBR 110-20S	110	200	2.00	95	90°	5.250
BKBR 110-30S	110	300	2.00	95	90°	6.940
BKBR 110-40S	110	400	2.00	95	90°	8.960
BKBR 110-50S	110	500	2.00	95	90°	11.280
BKBR 110-60S	110	600	2.00	95	90°	13.920

optional accessories

BKBRDR	Floor duct bend cover with radius and turnbuckles	299
BKBRDR-RHP	Floor duct bend cover with radius and anti-slip embossing	298
BKBRDR-WZB AL	Floor duct bend cover with radius, made of aluminium diamond plate	299
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



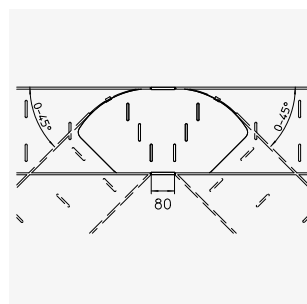
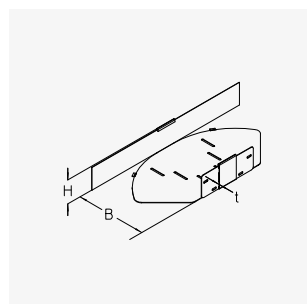
BKVB 100

Floor duct bend, variable, height = 100 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKVB 100-10S	100	100	2.00	var.	1.405
BKVB 100-15S	100	150	2.00	var.	1.865
BKVB 100-20S	100	200	2.00	var.	2.375
BKVB 100-30S	100	300	2.00	var.	3.525
BKVB 100-40S	100	400	2.00	var.	4.945
BKVB 100-50S	100	500	2.00	var.	6.585
BKVB 100-60S	100	600	2.00	var.	8.475

optional accessories

BKVBDR	Floor duct bend cover, variable with turnbuckles	301
BKVBDR-RHP	Floor duct branch cover, variable with anti-slip embossing	300
BKVBDR-WZB AL	Floor duct bend cover, variable made of aluminium diamond plate	300
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318
KSB	Edge protection strip	98, 329



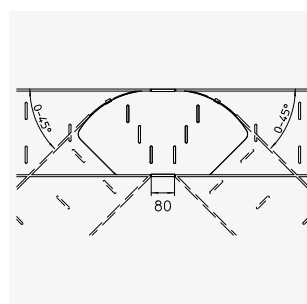
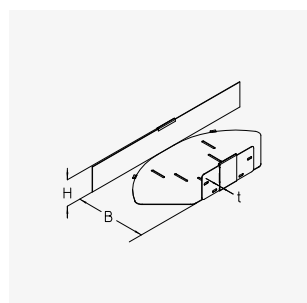
BKVB 110

Floor duct bend, variable, height = 110 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKVB 110-10S	110	100	2.00	var.	1.504
BKVB 110-15S	110	150	2.00	var.	1.974
BKVB 110-20S	110	200	2.00	var.	2.484
BKVB 110-30S	110	300	2.00	var.	3.664
BKVB 110-40S	110	400	2.00	var.	5.094
BKVB 110-50S	110	500	2.00	var.	6.754
BKVB 110-60S	110	600	2.00	var.	8.654

optional accessories

BKVBDR	Floor duct bend cover, variable with turnbuckles	301
BKVBDR-RHP	Floor duct branch cover, variable with anti-slip embossing	300
BKVBDR-WZB AL	Floor duct bend cover, variable made of aluminium diamond plate	300
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319
KSB	Edge protection strip	98, 329



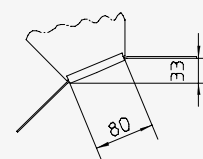
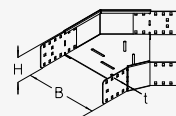
BKB45 100

Floor duct bend 45°, height = 100 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKB45 100-10S	100	100	2.00	45°	1.700
BKB45 100-15S	100	150	2.00	45°	1.940
BKB45 100-20S	100	200	2.00	45°	2.200
BKB45 100-30S	100	300	2.00	45°	2.820
BKB45 100-40S	100	400	2.00	45°	3.590
BKB45 100-50S	100	500	2.00	45°	4.470
BKB45 100-60S	100	600	2.00	45°	5.486

optional accessories

BKBDR45	Floor duct cover with turnbuckles	302
BKBDR45-RHP	Floor duct bend cover with anti-slip embossing	301
BKBDR45-WZB AL	Floor duct bend cover made of aluminium diamond plate	302
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



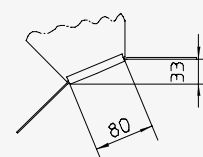
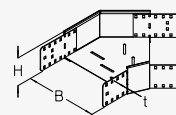
BKB45 110

Floor duct bend 45°, height = 110 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKB45 110-10S	110	100	2.00	45°	1.740
BKB45 110-15S	110	150	2.00	45°	2.000
BKB45 110-20S	110	200	2.00	45°	2.250
BKB45 110-30S	110	300	2.00	45°	2.890
BKB45 110-40S	110	400	2.00	45°	3.670
BKB45 110-50S	110	500	2.00	45°	4.560
BKB45 110-60S	110	600	2.00	45°	5.680

optional accessories

BKBDR45	Floor duct cover with turnbuckles	302
BKBDR45-RHP	Floor duct bend cover with anti-slip embossing	301
BKBDR45-WZB AL	Floor duct bend cover made of aluminium diamond plate	302
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



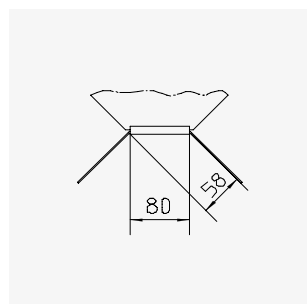
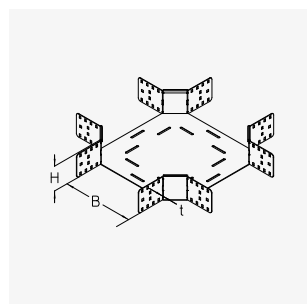
BKK 100

Floor duct crossing, height = 100 mm

Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKK 100-10S	100	100	2.00	3.202
BKK 100-15S	100	150	2.00	3.582
BKK 100-20S	100	200	2.00	4.042
BKK 100-30S	100	300	2.00	5.112
BKK 100-40S	100	400	2.00	6.572
BKK 100-50S	100	500	2.00	8.332
BKK 100-60S	100	600	2.00	10.422

optional accessories

BKKDR	Floor duct crossing cover with turnbuckles	304
BKKDR-RHP	Floor duct crossing cover with anti-slip embossing	303
BKKDR-WZB AL	Floor duct crossing cover made of aluminium diamond plate	303
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



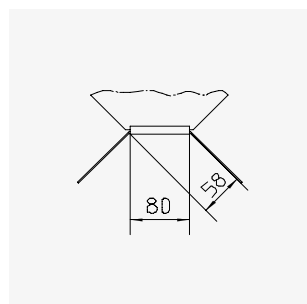
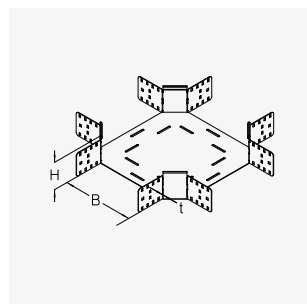
BKK 110

Floor duct crossing, height = 110 mm

Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKK 110-10S	110	100	2.00	3.602
BKK 110-15S	110	150	2.00	3.982
BKK 110-20S	110	200	2.00	4.442
BKK 110-30S	110	300	2.00	5.512
BKK 110-40S	110	400	2.00	6.972
BKK 110-50S	110	500	2.00	8.732
BKK 110-60S	110	600	2.00	10.822

optional accessories

BKKDR	Floor duct crossing cover with turnbuckles	304
BKKDR-RHP	Floor duct crossing cover with anti-slip embossing	303
BKKDR-WZB AL	Floor duct crossing cover made of aluminium diamond plate	303
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



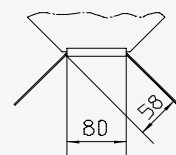
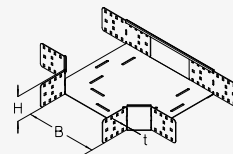
BA 100

Floor duct tee, height = 100 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BA 100-10S	100	100	2.00	90°	2.924
BA 100-15S	100	150	2.00	90°	3.324
BA 100-20S	100	200	2.00	90°	3.824
BA 100-30S	100	300	2.00	90°	5.064
BA 100-40S	100	400	2.00	90°	6.654
BA 100-50S	100	500	2.00	90°	8.504
BA 100-60S	100	600	2.00	90°	10.714

optional accessories

BAADR	Floor duct tee cover with turning bolts	305
BAADR-RHP	Floor duct tee cover with anti-slip embossing	304
BAADR-WZB AL	Floor duct tee cover made of aluminium diamond plate	305
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



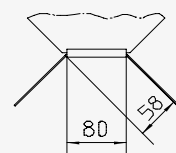
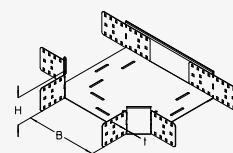
BA 110

Floor duct tee, height = 110 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BA 110-10S	110	100	2.00	90°	2.934
BA 110-15S	110	150	2.00	90°	3.384
BA 110-20S	110	200	2.00	90°	3.894
BA 110-30S	110	300	2.00	90°	5.144
BA 110-40S	110	400	2.00	90°	6.754
BA 110-50S	110	500	2.00	90°	8.624
BA 110-60S	110	600	2.00	90°	10.844

optional accessories

BAADR	Floor duct tee cover with turning bolts	305
BAADR-RHP	Floor duct tee cover with anti-slip embossing	304
BAADR-WZB AL	Floor duct tee cover made of aluminium diamond plate	305
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



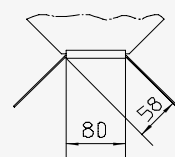
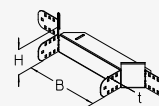
BKAA 100

Floor duct add-on tee, height = 100 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKAA 100-10S	100	100	2.00	90°	1.316
BKAA 100-15S	100	150	2.00	90°	1.456
BKAA 100-20S	100	200	2.00	90°	1.536
BKAA 100-30S	100	300	2.00	90°	1.756
BKAA 100-40S	100	400	2.00	90°	1.966
BKAA 100-50S	100	500	2.00	90°	2.186
BKAA 100-60S	100	600	2.00	90°	2.406

optional accessories

BKAADR	Floor duct add-on tee cover with turnbuckles	307
BKAADR-RHP	Floor duct add-on tee cover with anti-slip embossing	306
BKAADR-WZB AL	Floor duct add-on tee cover made of aluminium diamond plate	306
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



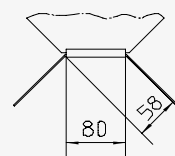
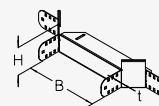
BKAA 110

Floor duct add-on tee, height = 110 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKAA 110-10S	110	100	2.00	90°	1.348
BKAA 110-15S	110	150	2.00	90°	1.488
BKAA 110-20S	110	200	2.00	90°	1.568
BKAA 110-30S	110	300	2.00	90°	1.788
BKAA 110-40S	110	400	2.00	90°	1.998
BKAA 110-50S	110	500	2.00	90°	2.218
BKAA 110-60S	110	600	2.00	90°	2.438

optional accessories

BKAADR	Floor duct add-on tee cover with turnbuckles	307
BKAADR-RHP	Floor duct add-on tee cover with anti-slip embossing	306
BKAADR-WZB AL	Floor duct add-on tee cover made of aluminium diamond plate	306
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



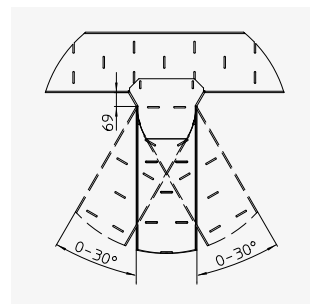
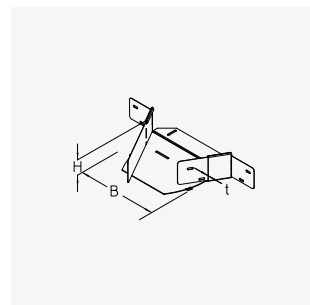
BKVAA 100

Floor duct attachment branch, variable, height = 100 mm

Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKVAA 100-10S	100	100	2.00	1.241
BKVAA 100-15S	100	150	2.00	1.463
BKVAA 100-20S	100	200	2.00	1.726
BKVAA 100-30S	100	300	2.00	2.316
BKVAA 100-40S	100	400	2.00	3.106
BKVAA 100-50S	100	500	2.00	4.059
BKVAA 100-60S	100	600	2.00	5.211

optional accessories

BKVAADR	Floor duct add-on tee cover, variable with turnbuckles	308
BKVAADR-RHP	Floor duct add-on tee cover, variable with anti-slip embossing	307
BKVAADR-WZB AL	Floor duct add-on tee cover, variable made of aluminium diamond plate	308
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



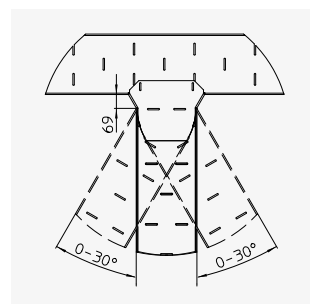
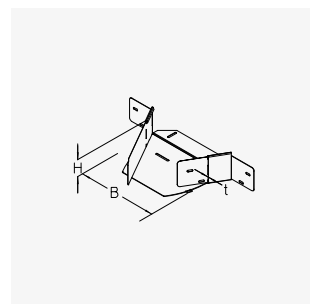
BKVAA 110

Floor duct add-on tee, variable, height = 110 mm

Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKVAA 110-10S	110	100	2.00	1.310
BKVAA 110-15S	110	150	2.00	1.535
BKVAA 110-20S	110	200	2.00	1.800
BKVAA 110-30S	110	300	2.00	2.393
BKVAA 110-40S	110	400	2.00	3.188
BKVAA 110-50S	110	500	2.00	3.960
BKVAA 110-60S	110	600	2.00	5.304

optional accessories

BKVAADR	Floor duct add-on tee cover, variable with turnbuckles	308
BKVAADR-RHP	Floor duct add-on tee cover, variable with anti-slip embossing	307
BKVAADR-WZB AL	Floor duct add-on tee cover, variable made of aluminium diamond plate	308
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



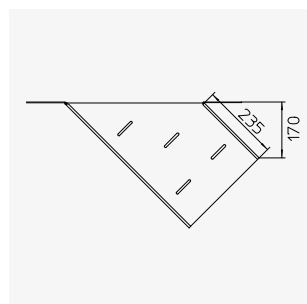
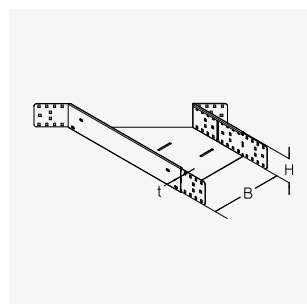
BKGR 100

Floor duct with miter cut, right, height = 100 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKGR 100-10S	100	100	2.00	45°	2.782
BKGR 100-15S	100	150	2.00	45°	3.142
BKGR 100-20S	100	200	2.00	45°	3.552
BKGR 100-30S	100	300	2.00	45°	4.382
BKGR 100-40S	100	400	2.00	45°	5.562
BKGR 100-50S	100	500	2.00	45°	6.832
BKGR 100-60S	100	600	2.00	45°	8.182

optional accessories

BKGRDR	Floor duct cover, right, with mitre cut and turnbuckles	310
BKGRDR-RHP	Floor duct cover, right, with mitre cut and anti-slip embossing	309
BKGRDR-WZB AL	Floor duct cover, right, made of aluminium diamond plate with mitre cut	309
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



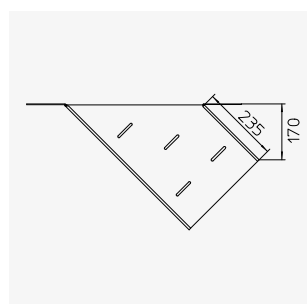
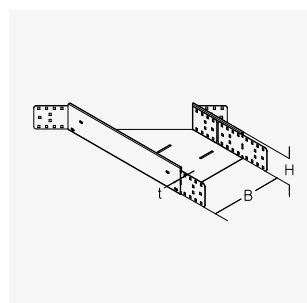
BKGR 110

Floor duct with miter cut, right, height = 110 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKGR 110-10S	110	100	2.00	45°	2.872
BKGR 110-15S	110	150	2.00	45°	3.242
BKGR 110-20S	110	200	2.00	45°	3.652
BKGR 110-30S	110	300	2.00	45°	4.592
BKGR 110-40S	110	400	2.00	45°	5.702
BKGR 110-50S	110	500	2.00	45°	6.982
BKGR 110-60S	110	600	2.00	45°	8.352

optional accessories

BKGRDR	Floor duct cover, right, with mitre cut and turnbuckles	310
BKGRDR-RHP	Floor duct cover, right, with mitre cut and anti-slip embossing	309
BKGRDR-WZB AL	Floor duct cover, right, made of aluminium diamond plate with mitre cut	309
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



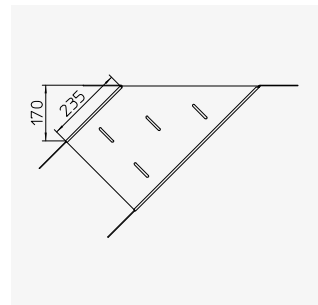
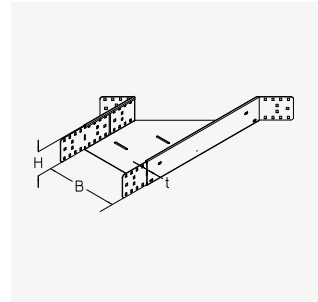
BKGL 100

Floor duct with miter cut, left, height = 100 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKGL 100-10S	100	100	2.00	45°	2.782
BKGL 100-15S	100	150	2.00	45°	3.142
BKGL 100-20S	100	200	2.00	45°	3.552
BKGL 100-30S	100	300	2.00	45°	4.382
BKGL 100-40S	100	400	2.00	45°	5.562
BKGL 100-50S	100	500	2.00	45°	6.832
BKGL 100-60S	100	600	2.00	45°	8.182

optional accessories

BKGLDR	Floor duct bend cover, mitre cut on left and turnbuckles	311
BKGLDR-RHP	Floor duct cover, mitre cut on left and anti-slip embossing	310
BKGLDR-WZB AL	Floor duct cover, left, made of aluminium diamond plate with mitre cut	311
BKRTV 100	Floor duct divider, variable, height = 100 mm	318
BKDS 100	Floor duct support profile, height = 100 mm	318



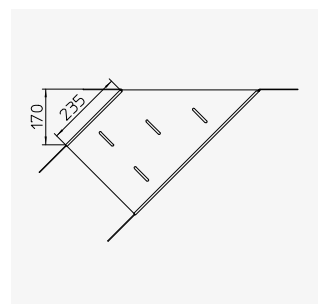
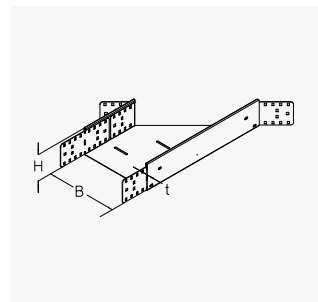
BKGL 110

Floor duct with miter cut, left, height = 110 mm

Article	H	B	t	W	G
	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process					
BKGL 110-10S	110	100	2.00	45°	2.872
BKGL 110-15S	110	150	2.00	45°	3.242
BKGL 110-20S	110	200	2.00	45°	3.652
BKGL 110-30S	110	300	2.00	45°	4.592
BKGL 110-40S	110	400	2.00	45°	5.702
BKGL 110-50S	110	500	2.00	45°	6.982
BKGL 110-60S	110	600	2.00	45°	8.352

optional accessories

BKGLDR	Floor duct bend cover, mitre cut on left and turnbuckles	311
BKGLDR-RHP	Floor duct cover, mitre cut on left and anti-slip embossing	310
BKGLDR-WZB AL	Floor duct cover, left, made of aluminium diamond plate with mitre cut	311
BKRTV 110	Floor duct divider, variable, height = 110 mm	318
BKDS 110	Floor duct support profile, height = 110 mm	319



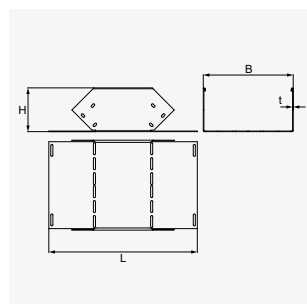
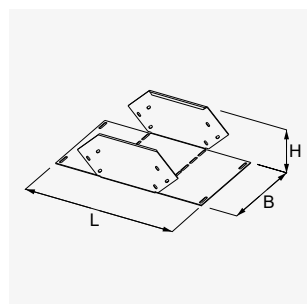
BKS 100

Floor duct riser, height = 100 mm

Article	H	B	L	t	W	G
	mm	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process						
BKS 100-10S	100	100	495	2.00	90°	3.623
BKS 100-15S	100	150	495	2.00	90°	4.034
BKS 100-20S	100	200	495	2.00	90°	4.419
BKS 100-30S	100	300	495	2.00	90°	5.244
BKS 100-40S	100	400	495	2.00	90°	6.044
BKS 100-50S	100	500	495	2.00	90°	6.832
BKS 100-60S	100	600	495	2.00	90°	7.658

optional accessories

BKSDR	Floor duct riser cover with turnbuckles	313
BKSDR-RHP	Floor duct riser cover with anti-slip embossing	312
BKSDR-WZB AL	Floor duct riser cover made of aluminium diamond plate	312



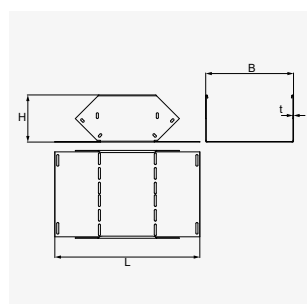
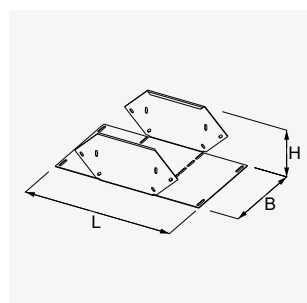
BKS 110

Floor duct riser, height = 110 mm

Article	H	B	L	t	W	G
	mm	mm	mm	mm		kg
Steel, pre-galvanised/Sendzimir process						
BKS 110-10S	110	100	495	2.00	90°	3.810
BKS 110-15S	110	150	495	2.00	90°	4.234
BKS 110-20S	110	200	495	2.00	90°	4.631
BKS 110-30S	110	300	495	2.00	90°	5.482
BKS 110-40S	110	400	495	2.00	90°	6.308
BKS 110-50S	110	500	495	2.00	90°	7.158
BKS 110-60S	110	600	495	2.00	90°	7.983

optional accessories

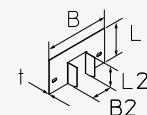
BKSDR	Floor duct riser cover with turnbuckles	313
BKSDR-RHP	Floor duct riser cover with anti-slip embossing	312
BKSDR-WZB AL	Floor duct riser cover made of aluminium diamond plate	312



BKRKK 100

Floor duct reducer, height = 95 mm

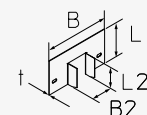
Article	B mm	B2 mm	L2 mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
BKRKK 100-30-30S	150	27.5	28	1.00	0.135
BKRKK 100-30-50S	150	47.5	28	1.00	0.135
BKRKK 100-40-40S	150	37.5	38	1.00	0.135
BKRKK 100-50-50S	175	47	47	1.00	0.153
BKRKK 100-60-60S	175	57	57	1.00	0.153
BKRKK 100-75-75S	175	72	72	1.00	0.153



BKRKK 110

Floor duct reducer, height = 105 mm

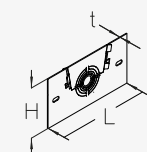
Article	B mm	B2 mm	L2 mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
BKRKK 110-30-30S	150	27.5	28	1.00	0.147
BKRKK 110-30-50S	150	47.5	28	1.00	0.147
BKRKK 110-40-40S	150	37.5	38	1.00	0.147
BKRKK 110-50-50S	175	47	47	1.00	0.167
BKRKK 110-60-60S	175	57	57	1.00	0.167
BKRKK 110-75-75S	175	72	72	1.00	0.167



BKRKS 100

Floor duct reducer, height = 95 mm

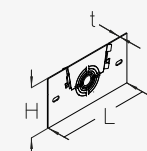
Article	H mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
BKRKS 100S	95	1.50	0.206



BKRKS 110

Floor duct reducer, height = 105 mm

Article	H mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
BKRKS 110S	105	1.50	0.226



Covers

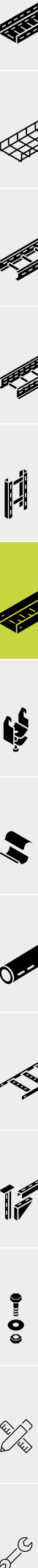
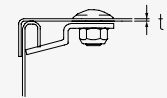
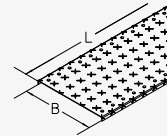
BKD-RHP

Floor duct cover with anti-slip embossing

Article	B mm	L mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process					
BKD-RHP 1-10S	100	1000	2.00	5.00	2.010
BKD-RHP 1-15S	150	1000	2.00	5.00	2.790
BKD-RHP 1-20S	200	1000	2.00	5.00	3.580
BKD-RHP 1-30S	300	1000	2.00	5.00	5.150
BKD-RHP 1-40S	400	1000	2.00	5.00	6.720
BKD-RHP 1-50S	500	1000	2.00	5.00	8.290
BKD-RHP 1-60S	600	1000	2.00	5.00	9.860
BKD-RHP 1.5-10S	100	1500	2.00	5.00	3.010
BKD-RHP 1.5-15S	150	1500	2.00	5.00	4.190
BKD-RHP 1.5-20S	200	1500	2.00	5.00	5.370
BKD-RHP 1.5-30S	300	1500	2.00	5.00	7.720
BKD-RHP 1.5-40S	400	1500	2.00	5.00	10.080
BKD-RHP 1.5-50S	500	1500	2.00	5.00	12.430
BKD-RHP 1.5-60S	600	1500	2.00	5.00	14.790
BKD-RHP 10S	100	3000	2.00	5.00	6.030
BKD-RHP 15S	150	3000	2.00	5.00	8.380
BKD-RHP 20S	200	3000	2.00	5.00	10.740
BKD-RHP 30S	300	3000	2.00	5.00	15.450
BKD-RHP 40S	400	3000	2.00	5.00	20.160
BKD-RHP 50S	500	3000	2.00	5.00	24.870
BKD-RHP 60S	600	3000	2.00	5.00	29.580

optional accessories

BKD-S	Floor channel lid hinge	315
DR-BK	Floor duct turnbuckle	314
BKDHK	Floor duct cover clamp	314
BKDH	Floor duct cover lifter	314
BKDSL	Floor duct cover protection strip	313
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



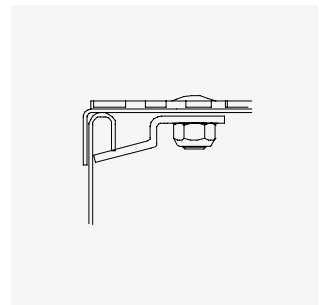
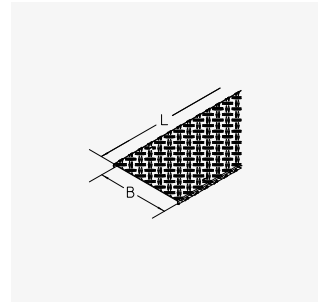
BKDR-WZB AL

Floor duct cover made of aluminium diamond plate

Article	B mm	L mm	t mm	P _{max} kN	G kg
aluminium					
BKDR-WZB 1-10AL	100	1000	4.00	3.00	1.030
BKDR-WZB 1-15AL	150	1000	4.00	3.00	1.500
BKDR-WZB 1-20AL	200	1000	4.00	3.00	1.770
BKDR-WZB 1-30AL	300	1000	4.00	3.00	2.500
BKDR-WZB 1-40AL	400	1000	4.00	3.00	3.240
BKDR-WZB 1-50AL	500	1000	4.00	3.00	3.980
BKDR-WZB 1-60AL	600	1000	4.00	3.00	4.710
BKDR-WZB 1.5-10AL	100	1500	4.00	3.00	1.510
BKDR-WZB 1.5-15AL	150	1500	4.00	3.00	2.060
BKDR-WZB 1.5-20AL	200	1500	4.00	3.00	2.610
BKDR-WZB 1.5-30AL	300	1500	4.00	3.00	3.720
BKDR-WZB 1.5-40AL	400	1500	4.00	3.00	4.820
BKDR-WZB 1.5-50AL	500	1500	4.00	3.00	5.930
BKDR-WZB 1.5-60AL	600	1500	4.00	3.00	7.030
BKDR-WZB 10AL	100	3000	4.00	3.00	2.990
BKDR-WZB 15AL	150	3000	4.00	3.00	4.130
BKDR-WZB 20AL	200	3000	4.00	3.00	5.260
BKDR-WZB 30AL	300	3000	4.00	3.00	7.530
BKDR-WZB 40AL	400	3000	4.00	3.00	9.790
BKDR-WZB 50AL	500	3000	4.00	3.00	12.060
BKDR-WZB 60AL	600	3000	4.00	3.00	14.330

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDSL	Floor duct cover protection strip	313
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



BKDR

Floor duct cover with turning bolts

Article	B mm	L mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process					
BKDR 1-10S	100	1000	2.00	5.00	2.090
BKDR 1-15S	150	1000	2.00	5.00	2.870
BKDR 1-20S	200	1000	2.00	5.00	3.660
BKDR 1-30S	300	1000	2.00	5.00	5.230
BKDR 1-40S	400	1000	2.00	5.00	6.800
BKDR 1-50S	500	1000	2.00	5.00	8.370
BKDR 1-60S	600	1000	2.00	5.00	9.940
BKDR 1.5-10S	100	1500	2.00	5.00	3.090
BKDR 1.5-15S	150	1500	2.00	5.00	4.270
BKDR 1.5-20S	200	1500	2.00	5.00	5.450
BKDR 1.5-30S	300	1500	2.00	5.00	7.800
BKDR 1.5-40S	400	1500	2.00	5.00	10.160
BKDR 1.5-50S	500	1500	2.00	5.00	12.510
BKDR 1.5-60S	600	1500	2.00	5.00	14.870
BKDR 10S	100	3000	2.00	5.00	6.210
BKDR 15S	150	3000	2.00	5.00	8.560
BKDR 20S	200	3000	2.00	5.00	10.930
BKDR 30S	300	3000	2.00	5.00	15.630
BKDR 40S	400	3000	2.00	5.00	20.340
BKDR 50S	500	3000	2.00	5.00	25.050
BKDR 60S	600	3000	2.00	5.00	29.760

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDSL	Floor duct cover protection strip	313
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321

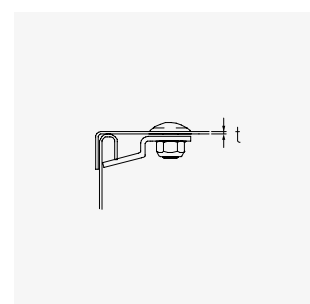
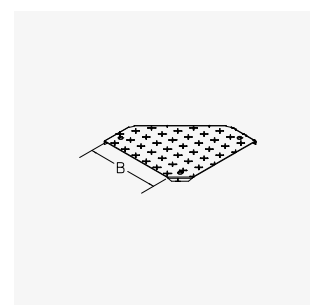
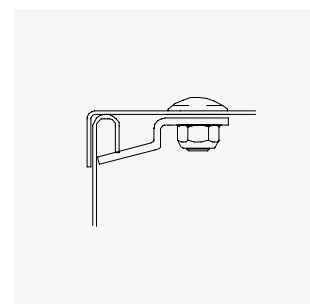
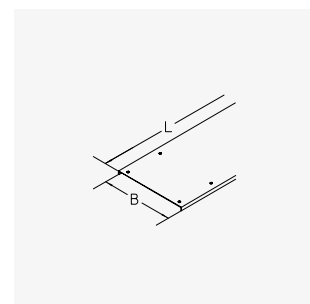
BKBDR-RHP

Floor duct bend cover with anti-slip embossing

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBDR-RHP 10S	100	2.00	5.00	90°	0.360
BKBDR-RHP 15S	150	2.00	5.00	90°	0.650
BKBDR-RHP 20S	200	2.00	5.00	90°	0.940
BKBDR-RHP 30S	300	2.00	5.00	90°	1.750
BKBDR-RHP 40S	400	2.00	5.00	90°	2.840
BKBDR-RHP 50S	500	2.00	5.00	90°	4.180
BKBDR-RHP 60S	600	2.00	5.00	90°	5.780

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



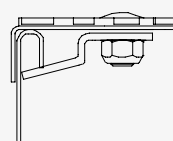
BKBDR-WZB AL

Floor duct bend cover made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	W	G kg
aluminium					
BKBDR-WZB 10AL	100	4.00	3.00	90°	0.190
BKBDR-WZB 15AL	150	4.00	3.00	90°	0.330
BKBDR-WZB 20AL	200	4.00	3.00	90°	0.470
BKBDR-WZB 30AL	300	4.00	3.00	90°	0.860
BKBDR-WZB 40AL	400	4.00	3.00	90°	1.370
BKBDR-WZB 50AL	500	4.00	3.00	90°	1.990
BKBDR-WZB 60AL	600	4.00	3.00	90°	2.740

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



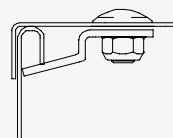
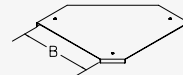
BKBDR

Floor duct cover with turnbuckles

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBDR 10S	100	2.00	5.00	90°	0.360
BKBDR 15S	150	2.00	5.00	90°	0.650
BKBDR 20S	200	2.00	5.00	90°	0.940
BKBDR 30S	300	2.00	5.00	90°	1.750
BKBDR 40S	400	2.00	5.00	90°	2.840
BKBDR 50S	500	2.00	5.00	90°	4.180
BKBDR 60S	600	2.00	5.00	90°	5.780

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



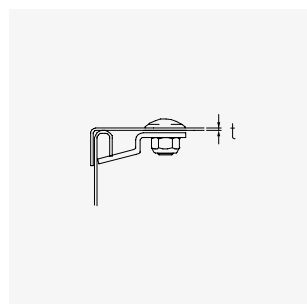
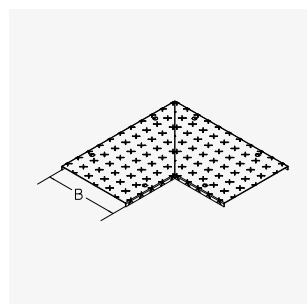
BKBGDR-RHP

Floor duct bend cover with mitre cut and anti-slip embossing

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBGDR-RHP 10S	100	2.00	5.00	90°	1.260
BKBGDR-RHP 15S	150	2.00	5.00	90°	1.860
BKBGDR-RHP 20S	200	2.00	5.00	90°	2.523
BKBGDR-RHP 30S	300	2.00	5.00	90°	4.080
BKBGDR-RHP 40S	400	2.00	5.00	90°	5.980
BKBGDR-RHP 50S	500	2.00	5.00	90°	8.180
BKBGDR-RHP 60S	600	2.00	5.00	90°	10.700

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



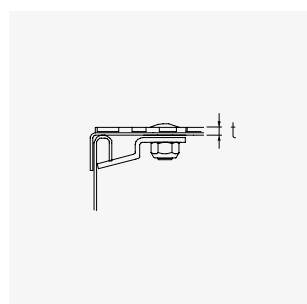
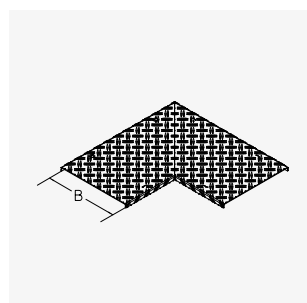
BKBGDR-WZB AL

Floor duct bend cover made of aluminium diamond plate with mitre cut

Article	B mm	t mm	P _{max} kN	W	G kg
aluminium					
BKBGDR-WZB 10AL	100	2.50	3.00	90°	0.656
BKBGDR-WZB 15AL	150	2.50	3.00	90°	0.934
BKBGDR-WZB 20AL	200	2.50	3.00	90°	1.248
BKBGDR-WZB 30AL	300	2.50	3.00	90°	1.986
BKBGDR-WZB 40AL	400	2.50	3.00	90°	2.872
BKBGDR-WZB 50AL	500	2.50	3.00	90°	3.904
BKBGDR-WZB 60AL	600	2.50	3.00	90°	5.084

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



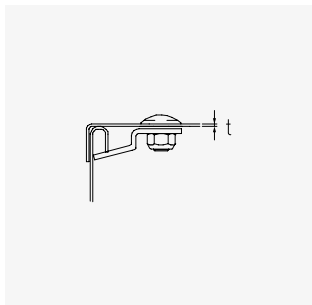
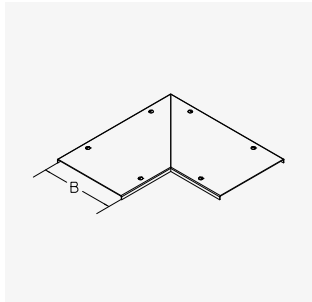
BKBGDR

Floor duct bend cover with mitre cut and turnbuckles

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBGDR 10S	100	2.00	5.00	90°	1.264
BKBGDR 15S	150	2.00	5.00	90°	1.860
BKBGDR 20S	200	2.00	5.00	90°	2.523
BKBGDR 30S	300	2.00	5.00	90°	4.080
BKBGDR 40S	400	2.00	5.00	90°	5.980
BKBGDR 50S	500	2.00	5.00	90°	8.180
BKBGDR 60S	600	2.00	5.00	90°	10.700

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



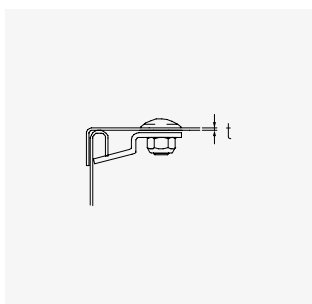
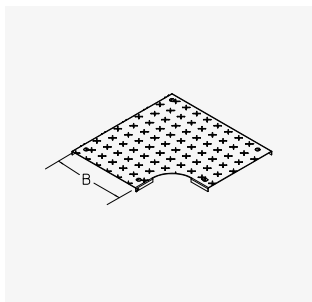
BKBRDR-RHP

Floor duct bend cover with radius and anti-slip embossing

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBRDR-RHP 10S	100	2.00	5.00	90°	0.990
BKBRDR-RHP 15S	150	2.00	5.00	90°	1.480
BKBRDR-RHP 20S	200	2.00	5.00	90°	2.050
BKBRDR-RHP 30S	300	2.00	5.00	90°	3.420
BKBRDR-RHP 40S	400	2.00	5.00	90°	5.110
BKBRDR-RHP 50S	500	2.00	5.00	90°	7.110
BKBRDR-RHP 60S	600	2.00	5.00	90°	9.430

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



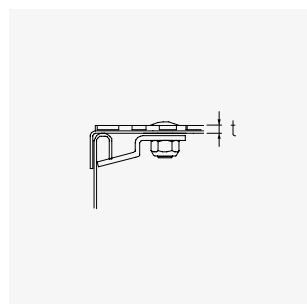
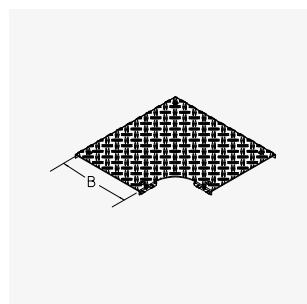
BKBRDR-WZB AL

Floor duct bend cover with radius, made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	W	G kg
aluminium					
BKBRDR-WZB 10AL	100	2.50	3.00	90°	0.520
BKBRDR-WZB 15AL	150	2.50	3.00	90°	0.750
BKBRDR-WZB 20AL	200	2.50	3.00	90°	1.020
BKBRDR-WZB 30AL	300	2.50	3.00	90°	1.660
BKBRDR-WZB 40AL	400	2.50	3.00	90°	2.450
BKBRDR-WZB 50AL	500	2.50	3.00	90°	3.390
BKBRDR-WZB 60AL	600	2.50	3.00	90°	4.480

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



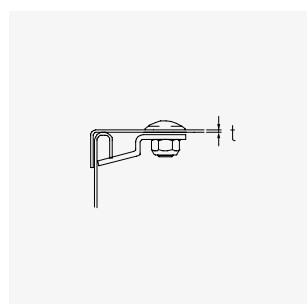
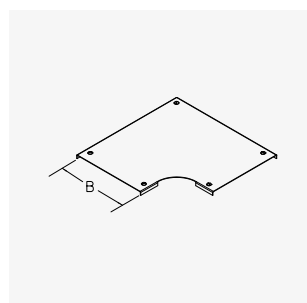
BKBRDR

Floor duct bend cover with radius and turnbuckles

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBRDR 10S	100	2.00	5.00	90°	0.990
BKBRDR 15S	150	2.00	5.00	90°	1.480
BKBRDR 20S	200	2.00	5.00	90°	2.050
BKBRDR 30S	300	2.00	5.00	90°	3.420
BKBRDR 40S	400	2.00	5.00	90°	5.110
BKBRDR 50S	500	2.00	5.00	90°	7.110
BKBRDR 60S	600	2.00	5.00	90°	9.430

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



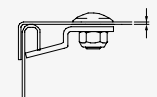
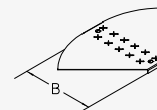
BKVBDR-RHP

Floor duct branch cover, variable with anti-slip embossing

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKVBDR-RHP 10S	100	2.00	5.00	var.	0.350
BKVBDR-RHP 15S	150	2.00	5.00	var.	0.570
BKVBDR-RHP 20S	200	2.00	5.00	var.	0.850
BKVBDR-RHP 30S	300	2.00	5.00	var.	1.600
BKVBDR-RHP 40S	400	2.00	5.00	var.	2.590
BKVBDR-RHP 50S	500	2.00	5.00	var.	3.830
BKVBDR-RHP 60S	600	2.00	5.00	var.	5.310

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



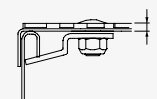
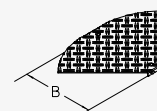
BKVBDR-WZB AL

Floor duct bend cover, variable made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	W	G kg
aluminium					
BKVBDR-WZB 10AL	100	2.50	3.00	var.	0.280
BKVBDR-WZB 15AL	150	2.50	3.00	var.	0.370
BKVBDR-WZB 20AL	200	2.50	3.00	var.	0.410
BKVBDR-WZB 30AL	300	2.50	3.00	var.	0.760
BKVBDR-WZB 40AL	400	2.50	3.00	var.	1.220
BKVBDR-WZB 50AL	500	2.50	3.00	var.	1.800
BKVBDR-WZB 60AL	600	2.50	3.00	var.	2.490

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



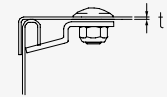
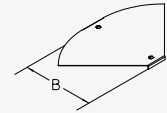
BKVBDR

Floor duct bend cover, variable with turnbuckles

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKVBDR 10S	100	2.00	5.00	var.	0.350
BKVBDR 15S	150	2.00	5.00	var.	0.570
BKVBDR 20S	200	2.00	5.00	var.	0.850
BKVBDR 30S	300	2.00	5.00	var.	1.600
BKVBDR 40S	400	2.00	5.00	var.	2.590
BKVBDR 50S	500	2.00	5.00	var.	3.830
BKVBDR 60S	600	2.00	5.00	var.	5.310

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



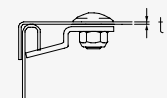
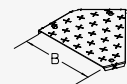
BKBDR45-RHP

Floor duct bend cover with anti-slip embossing

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBDR45-RHP 10S	100	2.00	5.00	45°	0.330
BKBDR45-RHP 15S	150	2.00	5.00	45°	0.490
BKBDR45-RHP 20S	200	2.00	5.00	45°	0.690
BKBDR45-RHP 30S	300	2.00	5.00	45°	1.180
BKBDR45-RHP 40S	400	2.00	5.00	45°	1.790
BKBDR45-RHP 50S	500	2.00	5.00	45°	2.540
BKBDR45-RHP 60S	600	2.00	5.00	45°	3.420

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



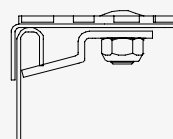
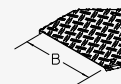
BKBDR45-WZB AL

Floor duct bend cover made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	W	G kg
aluminium					
BKBDR45-WZB 10AL	100	2.50	3.00	45°	0.190
BKBDR45-WZB 15AL	150	2.50	3.00	45°	0.260
BKBDR45-WZB 20AL	200	2.50	3.00	45°	0.360
BKBDR45-WZB 30AL	300	2.50	3.00	45°	0.580
BKBDR45-WZB 40AL	400	2.50	3.00	45°	0.930
BKBDR45-WZB 50AL	500	2.50	3.00	45°	1.220
BKBDR45-WZB 60AL	600	2.50	3.00	45°	1.640

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



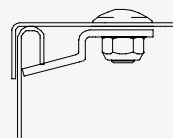
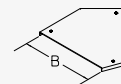
BKBDR45

Floor duct cover with turnbuckles

Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKBDR45 10S	100	2.00	5.00	45°	0.330
BKBDR45 15S	150	2.00	5.00	45°	0.490
BKBDR45 20S	200	2.00	5.00	45°	0.690
BKBDR45 30S	300	2.00	5.00	45°	1.180
BKBDR45 40S	400	2.00	5.00	45°	1.790
BKBDR45 50S	500	2.00	5.00	45°	2.540
BKBDR45 60S	600	2.00	5.00	45°	3.420

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



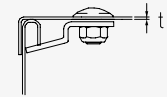
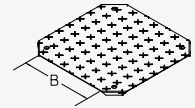
BKKDR-RHP

Floor duct crossing cover with anti-slip embossing

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKKDR-RHP 10S	100	2.00	5.00	0.760
BKKDR-RHP 15S	150	2.00	5.00	1.140
BKKDR-RHP 20S	200	2.00	5.00	1.600
BKKDR-RHP 30S	300	2.00	5.00	2.750
BKKDR-RHP 40S	400	2.00	5.00	4.210
BKKDR-RHP 50S	500	2.00	5.00	5.990
BKKDR-RHP 60S	600	2.00	5.00	8.080

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



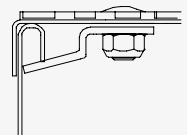
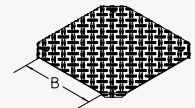
BKKDR-WZB AL

Floor duct crossing cover made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	G kg
aluminium				
BKKDR-WZB 10AL	100	2.50	3.00	0.400
BKKDR-WZB 15AL	150	2.50	3.00	0.600
BKKDR-WZB 20AL	200	2.50	3.00	0.790
BKKDR-WZB 30AL	300	2.50	3.00	1.330
BKKDR-WZB 40AL	400	2.50	3.00	2.020
BKKDR-WZB 50AL	500	2.50	3.00	2.850
BKKDR-WZB 60AL	600	2.50	3.00	3.830

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



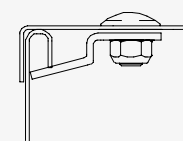
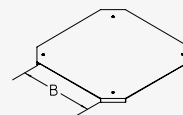
BKKDR

Floor duct crossing cover with turnbuckles

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKKDR 10S	100	2.00	5.00	0.760
BKKDR 15S	150	2.00	5.00	1.140
BKKDR 20S	200	2.00	5.00	1.600
BKKDR 30S	300	2.00	5.00	2.750
BKKDR 40S	400	2.00	5.00	4.210
BKKDR 50S	500	2.00	5.00	5.990
BKKDR 60S	600	2.00	5.00	8.080

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



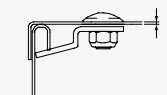
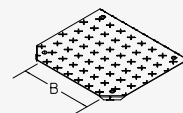
BKADR-RHP

Floor duct tee cover with anti-slip embossing

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKADR-RHP 10S	100	2.00	5.00	0.630
BKADR-RHP 15S	150	2.00	5.00	0.980
BKADR-RHP 20S	200	2.00	5.00	1.400
BKADR-RHP 30S	300	2.00	5.00	2.490
BKADR-RHP 40S	400	2.00	5.00	3.880
BKADR-RHP 50S	500	2.00	5.00	5.580
BKADR-RHP 60S	600	2.00	5.00	7.720

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



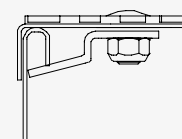
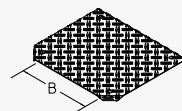
BKADR-WZB AL

Floor duct tee cover made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	G kg
aluminium				
BKADR-WZB 10AL	100	2.50	3.00	0.330
BKADR-WZB 15AL	150	2.50	3.00	0.500
BKADR-WZB 20AL	200	2.50	3.00	0.710
BKADR-WZB 30AL	300	2.50	3.00	1.220
BKADR-WZB 40AL	400	2.50	3.00	1.870
BKADR-WZB 50AL	500	2.50	3.00	2.670
BKADR-WZB 60AL	600	2.50	3.00	3.620

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



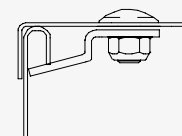
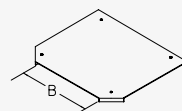
BKADR

Floor duct tee cover with turning bolts

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKADR 10S	100	2.00	5.00	0.633
BKADR 15S	150	2.00	5.00	0.976
BKADR 20S	200	2.00	5.00	1.400
BKADR 30S	300	2.00	5.00	2.490
BKADR 40S	400	2.00	5.00	3.880
BKADR 50S	500	2.00	5.00	5.580
BKADR 60S	600	2.00	5.00	7.612

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



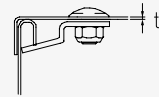
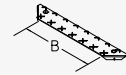
KAADR-RHP

Floor duct add-on tee cover with anti-slip embossing

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
KAADR-RHP 10S	100	2.00	5.00	0.240
KAADR-RHP 15S	150	2.00	5.00	0.290
KAADR-RHP 20S	200	2.00	5.00	0.340
KAADR-RHP 30S	300	2.00	5.00	0.440
KAADR-RHP 40S	400	2.00	5.00	0.540
KAADR-RHP 50S	500	2.00	5.00	0.650
KAADR-RHP 60S	600	2.00	5.00	0.750

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



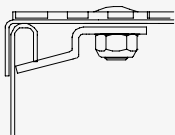
KAADR-WZB AL

Floor duct add-on tee cover made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	G kg
aluminium				
KAADR-WZB 10AL	100	2.50	3.00	0.130
KAADR-WZB 15AL	150	2.50	3.00	0.160
KAADR-WZB 20AL	200	2.50	3.00	0.180
KAADR-WZB 30AL	300	2.50	3.00	0.230
KAADR-WZB 40AL	400	2.50	3.00	0.280
KAADR-WZB 50AL	500	2.50	3.00	0.330
KAADR-WZB 60AL	600	2.50	3.00	0.370

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



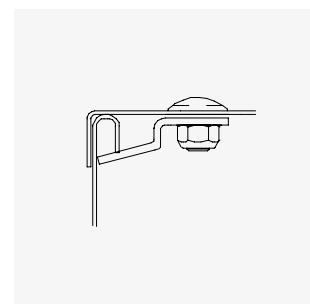
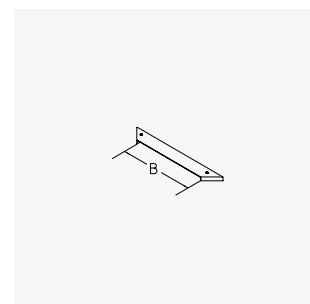
KAADR

Floor duct add-on tee cover with turnbuckles

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
KAADR 10S	100	2.00	5.00	0.230
KAADR 15S	150	2.00	5.00	0.280
KAADR 20S	200	2.00	5.00	0.330
KAADR 30S	300	2.00	5.00	0.430
KAADR 40S	400	2.00	5.00	0.530
KAADR 50S	500	2.00	5.00	0.640
KAADR 60S	600	2.00	5.00	0.740

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



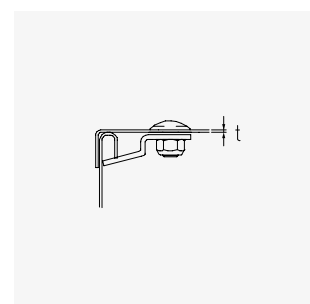
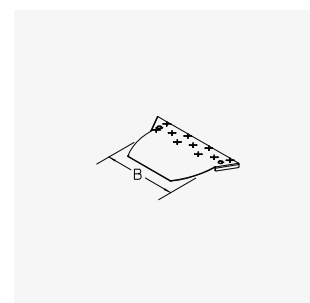
BKVAADR-RHP

Floor duct add-on tee cover, variable with anti-slip embossing

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKVAADR-RHP 10S	100	2.00	5.00	0.350
BKVAADR-RHP 15S	150	2.00	5.00	0.490
BKVAADR-RHP 20S	200	2.00	5.00	0.740
BKVAADR-RHP 30S	300	2.00	5.00	1.220
BKVAADR-RHP 40S	400	2.00	5.00	1.930
BKVAADR-RHP 50S	500	2.00	5.00	2.820
BKVAADR-RHP 60S	600	2.00	5.00	3.890

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



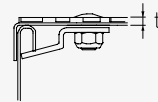
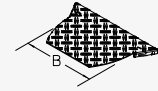
BKVAADR-WZB AL

Floor duct add-on tee cover, variable made of aluminium diamond plate

Article	B mm	t mm	P _{max} kN	G kg
aluminium				
BKVAADR-WZB 10AL	100	2.50	3.00	0.180
BKVAADR-WZB 15AL	150	2.50	3.00	0.240
BKVAADR-WZB 20AL	200	2.50	3.00	0.350
BKVAADR-WZB 30AL	300	2.50	3.00	0.560
BKVAADR-WZB 40AL	400	2.50	3.00	0.870
BKVAADR-WZB 50AL	500	2.50	3.00	1.260
BKVAADR-WZB 60AL	600	2.50	3.00	1.730

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



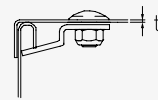
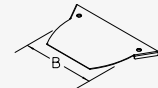
BKVAADR

Floor duct add-on tee cover, variable with turnbuckles

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKVAADR 10S	100	2.00	5.00	0.350
BKVAADR 15S	150	2.00	5.00	0.490
BKVAADR 20S	200	2.00	5.00	0.740
BKVAADR 30S	300	2.00	5.00	1.220
BKVAADR 40S	400	2.00	5.00	1.930
BKVAADR 50S	500	2.00	5.00	2.820
BKVAADR 60S	600	2.00	5.00	3.890

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



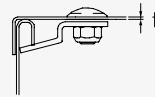
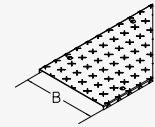
BKGRDR-RHP

Floor duct cover, right, with mitre cut and anti-slip embossing

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKGRDR-RHP 10S	100	2.00	5.00	0.630
BKGRDR-RHP 15S	150	2.00	5.00	0.930
BKGRDR-RHP 20S	200	2.00	5.00	1.260
BKGRDR-RHP 30S	300	2.00	5.00	2.040
BKGRDR-RHP 40S	400	2.00	5.00	2.990
BKGRDR-RHP 50S	500	2.00	5.00	4.090
BKGRDR-RHP 60S	600	2.00	5.00	5.350

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



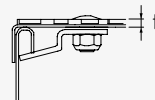
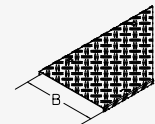
BKGRDR-WZB AL

Floor duct cover, right, made of aluminium diamond plate with mitre cut

Article	B mm	t mm	P _{max} kN	G kg
aluminium				
BKGRDR-WZB 10AL	100	2.50	3.00	0.328
BKGRDR-WZB 15AL	150	2.50	3.00	0.467
BKGRDR-WZB 20AL	200	2.50	3.00	0.624
BKGRDR-WZB 30AL	300	2.50	3.00	0.993
BKGRDR-WZB 40AL	400	2.50	3.00	1.436
BKGRDR-WZB 50AL	500	2.50	3.00	1.952
BKGRDR-WZB 60AL	600	2.50	3.00	2.542

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



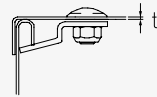
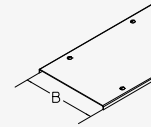
BKGRDR

Floor duct cover, right, with mitre cut and turnbuckles

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKGRDR 10S	100	2.00	5.00	0.630
BKGRDR 15S	150	2.00	5.00	0.930
BKGRDR 20S	200	2.00	5.00	1.260
BKGRDR 30S	300	2.00	5.00	2.040
BKGRDR 40S	400	2.00	5.00	2.990
BKGRDR 50S	500	2.00	5.00	4.090
BKGRDR 60S	600	2.00	5.00	5.350

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



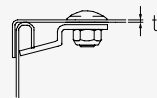
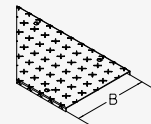
BKGLDR-RHP

Floor duct cover, mitre cut on left and anti-slip embossing

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKGLDR-RHP 10S	100	2.00	5.00	0.630
BKGLDR-RHP 15S	150	2.00	5.00	0.930
BKGLDR-RHP 20S	200	2.00	5.00	1.263
BKGLDR-RHP 30S	300	2.00	5.00	2.040
BKGLDR-RHP 40S	400	2.00	5.00	2.990
BKGLDR-RHP 50S	500	2.00	5.00	4.090
BKGLDR-RHP 60S	600	2.00	5.00	5.350

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



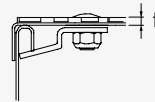
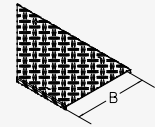
BKGLDR-WZB AL

Floor duct cover, left, made of aluminium diamond plate with mitre cut

Article	B mm	t mm	P _{max} kN	G kg
aluminium				
BKGLDR-WZB 10AL	100	2.50	3.00	0.328
BKGLDR-WZB 15AL	150	2.50	3.00	0.467
BKGLDR-WZB 20AL	200	2.50	3.00	0.624
BKGLDR-WZB 30AL	300	2.50	3.00	0.993
BKGLDR-WZB 40AL	400	2.50	3.00	1.436
BKGLDR-WZB 50AL	500	2.50	3.00	1.952
BKGLDR-WZB 60AL	600	2.50	3.00	2.542

optional accessories

DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



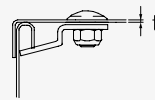
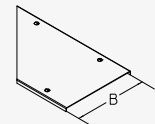
BKGLDR

Floor duct bend cover, mitre cut on left and turnbuckles

Article	B mm	t mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process				
BKGLDR 10S	100	2.00	5.00	0.634
BKGLDR 15S	150	2.00	5.00	0.930
BKGLDR 20S	200	2.00	5.00	1.263
BKGLDR 30S	300	2.00	5.00	2.040
BKGLDR 40S	400	2.00	5.00	2.990
BKGLDR 50S	500	2.00	5.00	4.090
BKGLDR 60S	600	2.00	5.00	5.350

optional accessories

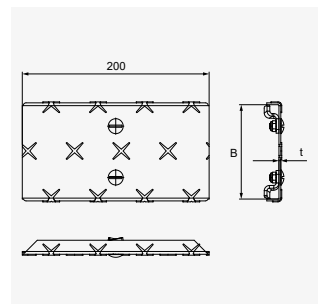
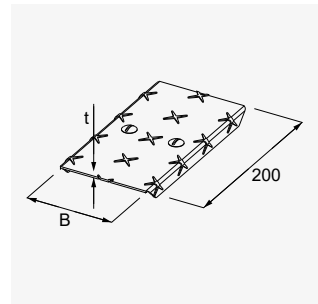
DR-BK	Floor duct turnbuckle	314
BKDU 100	Floor duct cover support, height = 100 mm	321
BKDU 110	Floor duct cover support, height = 110 mm	321



BKSDR-RHP

Floor duct riser cover with anti-slip embossing

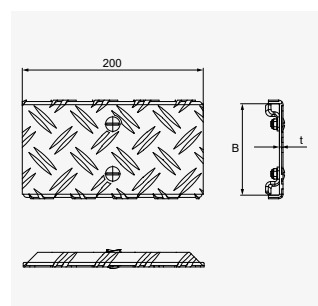
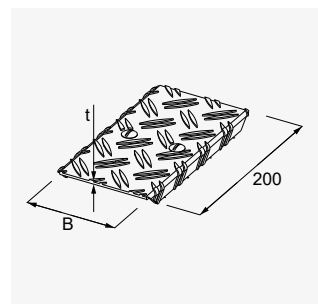
Article	B mm	t mm	P _{max} kN	W	G kg
Steel, pre-galvanised/Sendzimir process					
BKSDR-RHP 10S	100	2.00	5.00	90°	0.417
BKSDR-RHP 15S	150	2.00	5.00	90°	0.596
BKSDR-RHP 20S	200	2.00	5.00	90°	0.753
BKSDR-RHP 30S	300	2.00	5.00	90°	1.067
BKSDR-RHP 40S	400	2.00	5.00	90°	1.381
BKSDR-RHP 50S	500	2.00	5.00	90°	1.695
BKSDR-RHP 60S	600	2.00	5.00	90°	2.009



BKSDR-WZB AL

Floor duct riser cover made of aluminium diamond plate

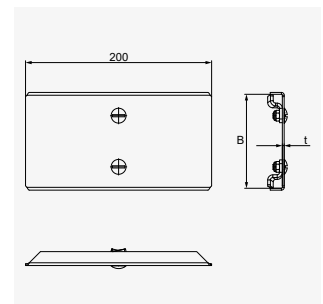
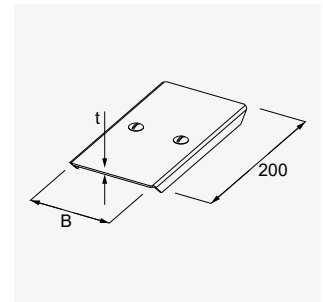
Article	B mm	t mm	P _{max} kN	W	G kg
aluminium					
BKSDR-WZB 10AL	100	2.50	3.00	90°	0.227
BKSDR-WZB 15AL	150	2.50	3.00	90°	0.316
BKSDR-WZB 20AL	200	2.50	3.00	90°	0.394
BKSDR-WZB 30AL	300	2.50	3.00	90°	0.549
BKSDR-WZB 40AL	400	2.50	3.00	90°	0.705
BKSDR-WZB 50AL	500	2.50	3.00	90°	0.861
BKSDR-WZB 60AL	600	2.50	3.00	90°	1.017



BKSDR

Floor duct riser cover with turnbuckles

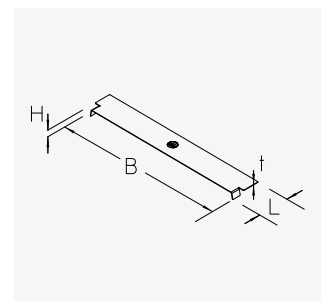
Article	B mm	t mm	P _{max} kN	W °	G kg
Steel, pre-galvanised/Sendzimir process					
BKSDR 10S	100	2.00	5.00	90°	0.417
BKSDR 15S	150	2.00	5.00	90°	0.596
BKSDR 20S	200	2.00	5.00	90°	0.753
BKSDR 30S	300	2.00	5.00	90°	1.067
BKSDR 40S	400	2.00	5.00	90°	1.381
BKSDR 50S	500	2.00	5.00	90°	1.695
BKSDR 60S	600	2.00	5.00	90°	2.009



BKDSL

Floor duct cover protection strip

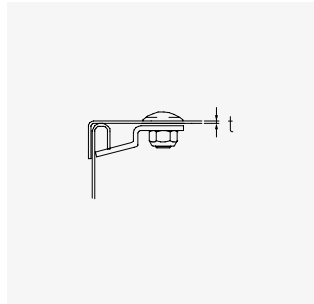
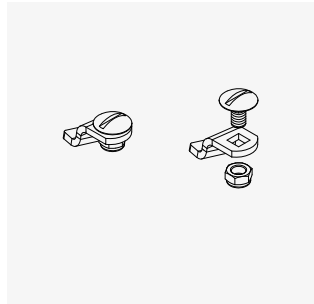
Article	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
BKDSL 10S	100	0.75	0.026
BKDSL 15S	150	0.75	0.040
BKDSL 20S	200	0.75	0.053
BKDSL 30S	300	0.75	0.079
BKDSL 40S	400	0.75	0.106
BKDSL 50S	500	0.75	0.132
BKDSL 60S	600	0.75	0.159



DR-BK

Floor duct turnbuckle

Article	G
	kg
Steel, hot-dip galvanised	
DR-BK S	0.020



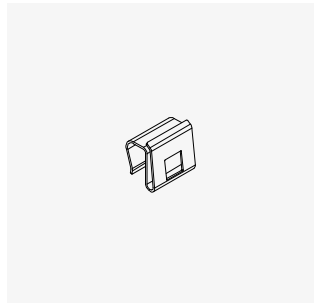
BKDHK

Floor duct cover clamp

Article	t	G
	mm	kg
Steel, pre-galvanised/Sendzimir process		
BKDHK S	0.70	0.006

optional accessories

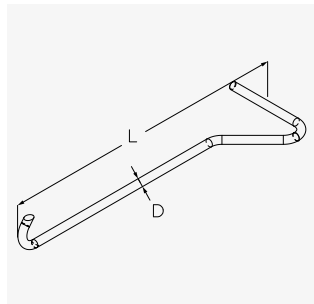
BKDH	Floor duct cover lifter	314
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BKDH

Floor duct cover lifter

Article	L	D	G
	mm	mm	kg
steel, galvanic zinc plated			
BKDH GV	400	10	0.344



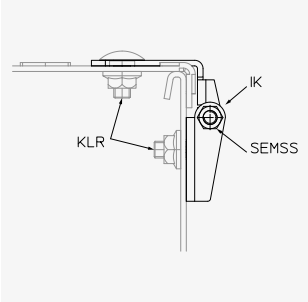
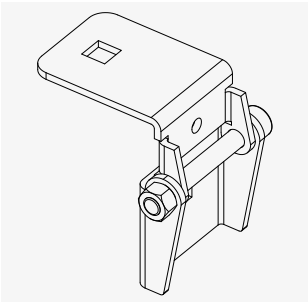
BKD-S

Floor channel lid hinge

Article	t mm	G kg
Steel, pre-galvanised/Sendzimir process		
BKD-S S	2.00	0.108

optional accessories

KLR	Clamp fastening set	477
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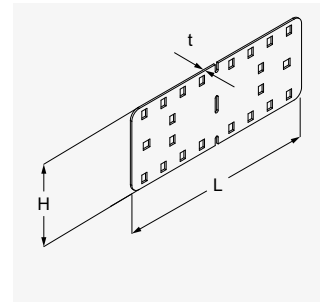


Accessories

BKV 100

Floor duct connector, height = 95 mm

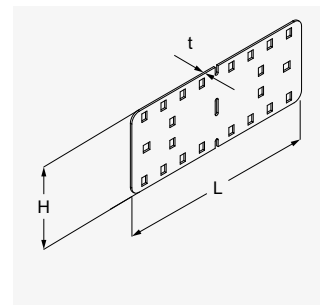
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKV 100S	95	230	2.00	0.342



BKV 110

Floor duct connector, height = 95 mm

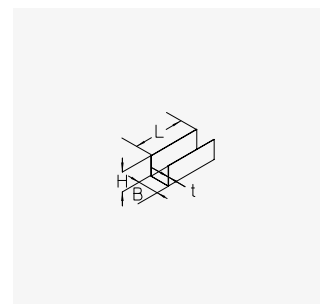
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKV 110S	95	230	2.00	0.342



KLKV

Cable duct connector

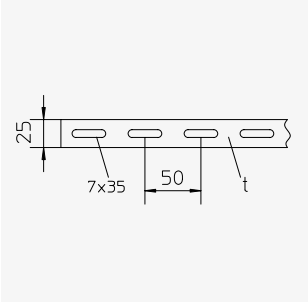
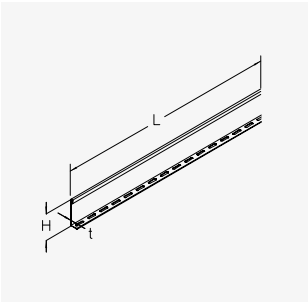
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KLKV 30-03S	30	30	150	1.00	0.093
KLKV 30-05S	30	50	150	1.00	0.117
KLKV 40-04S	40	40	150	1.00	0.128
KLKV 60-06S	60	60	150	1.00	0.199



BKRT 100

Floor duct divider, height = 100 mm

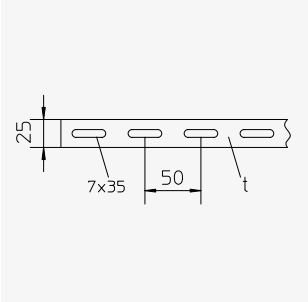
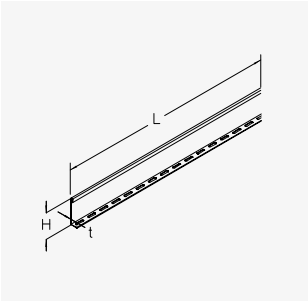
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKRT 100S	100	3000	2.00	6.300



BKRT 110

Floor duct divider, height = 110 mm

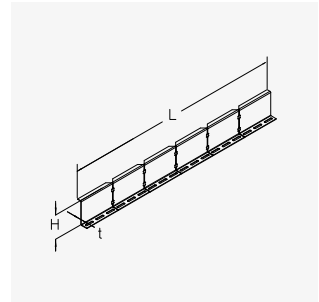
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKRT 110S	108	3000	2.00	6.677



BKRTV 100

Floor duct divider, variable, height = 100 mm

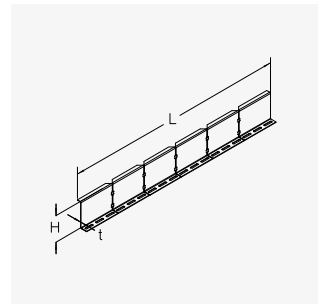
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKRTV 100S	100	900	2.00	1.887



BKRTV 110

Floor duct divider, variable, height = 110 mm

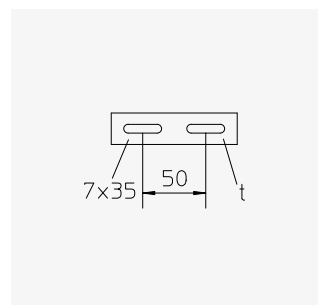
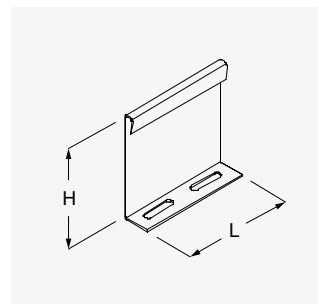
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKRTV 110S	110	900	2.00	2.026



BKDS 100

Floor duct support profile, height = 100 mm

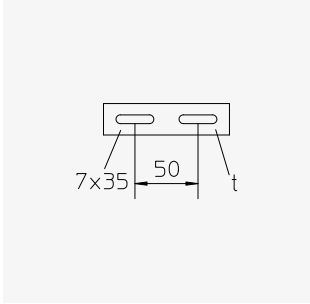
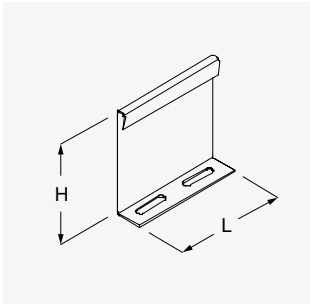
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKDS 100S	100	100	2.00	0.220



BKDS 110

Floor duct support profile, height = 110 mm

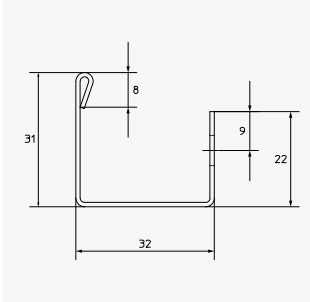
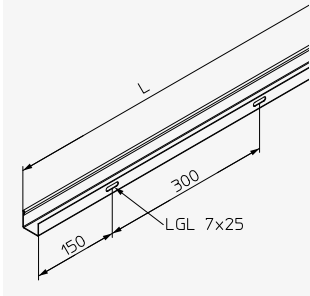
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKDS 110S	110	100	2.00	0.237



BKZ

Floor duct Z profile

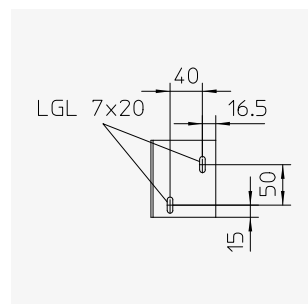
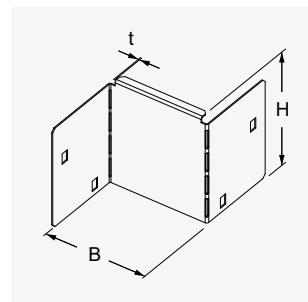
Article	L mm	G kg
Steel, pre-galvanised/Sendzimir process		
BKZ S	3000	2.149



BKEB 100

Floor duct end plate, height = 100 mm

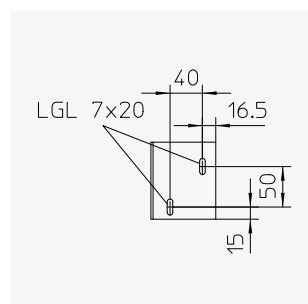
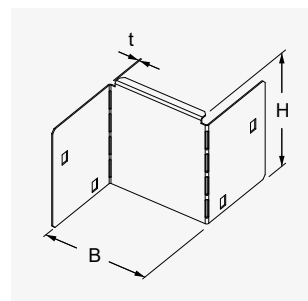
Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKEB 100-10S	95	100	1.00	0.218
BKEB 100-15S	95	150	1.00	0.258
BKEB 100-20S	95	200	1.00	0.298
BKEB 100-30S	95	300	1.00	0.378
BKEB 100-40S	95	400	1.00	0.468
BKEB 100-50S	95	500	1.00	0.548
BKEB 100-60S	95	600	1.00	0.628



BKEB 110

Floor duct end plate, height = 110 mm

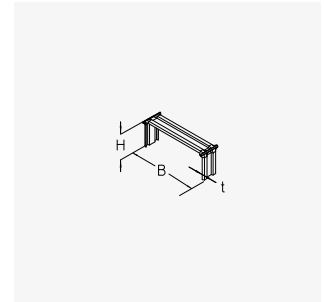
Article	H mm	B mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKEB 110-10S	105	100	1.00	0.238
BKEB 110-15S	105	150	1.00	0.278
BKEB 110-20S	105	200	1.00	0.328
BKEB 110-30S	105	300	1.00	0.418
BKEB 110-40S	105	400	1.00	0.508
BKEB 110-50S	105	500	1.00	0.598
BKEB 110-60S	105	600	1.00	0.698



BKDU 100

Floor duct cover support, height = 100 mm

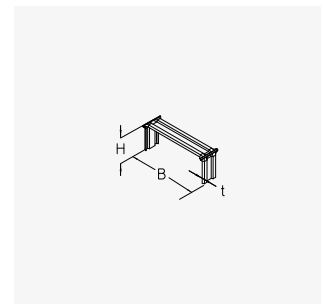
Article	H mm	B mm	t mm	G kg
Steel, hot-dip galvanised				
BKDU 100-20F	100	200	2.00	0.433
BKDU 100-30F	100	300	2.00	0.550
BKDU 100-40F	100	400	2.00	0.668
BKDU 100-50F	100	500	2.00	0.786
BKDU 100-60F	100	600	2.00	0.903



BKDU 110

Floor duct cover support, height = 110 mm

Article	H mm	B mm	t mm	G kg
Steel, hot-dip galvanised				
BKDU 110-20F	110	200	2.00	0.456
BKDU 110-30F	110	300	2.00	0.574
BKDU 110-40F	110	400	2.00	0.691
BKDU 110-50F	110	500	2.00	0.809
BKDU 110-60F	110	600	2.00	0.927



BKH

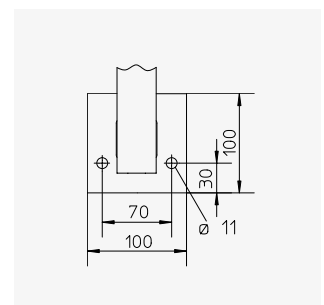
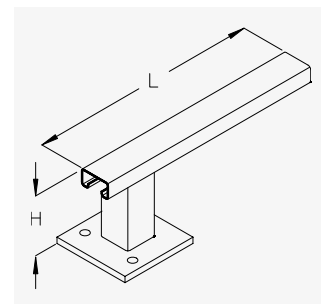
Floor duct holder, height = 110 mm

Article	H mm	L mm	G kg
Steel, hot-dip galvanised			
BKH 10F	110	100	0.880
BKH 20F	110	200	1.050
BKH 30F	110	300	1.210

optional accessories

AC Cable clamp for fastening to C profile rails

248, 257



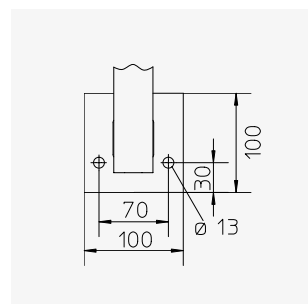
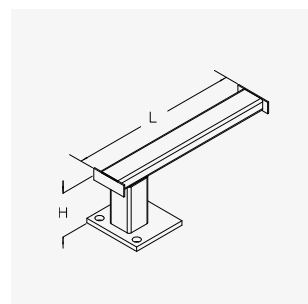
BKHR

Floor duct stand-off bracket, height = 110 mm

Article	L mm	G kg
steel, galvanic zinc plated		
BKHR 10GV	100	0.940
BKHR 20GV	200	1.040
BKHR 30GV	300	1.260
BKHR 40GV	400	1.430
BKHR 50GV	500	1.590
BKHR 60GV	600	1.760

optional accessories

BKH RU	Floor duct bracket support	322
BKH RSV	Floor duct side trim	322



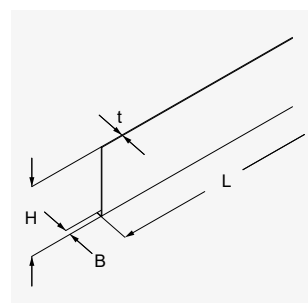
BKHRSV

Floor duct side trim

Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
BKHRSV 1S	108	8	1000	1.00	0.900
BKHRSV 1.5S	108	8	1500	1.00	1.350
BKHRSV S	108	8	3000	1.00	2.690

optional accessories

BS	Self-drilling screw	326
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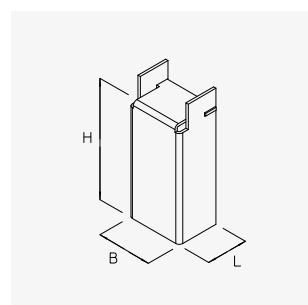
BKH RU

Floor duct bracket support

Article	H mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process			
BKH RU S	88	2.00	0.166

optional accessories

BKHR	Floor duct stand-off bracket, height = 110 mm	322
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BKHC

Floor duct stand-off bracket, height = 90 mm

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BKHC 010F	90	100	40	0.500
BKHC 020F	90	200	40	0.670
BKHC 030F	90	300	40	0.830
BKHC 040F	90	400	40	1.000
BKHC 050F	90	500	40	1.170
BKHC 060F	90	600	40	1.340

optional accessories

BKHCSV Floor duct side trim 323

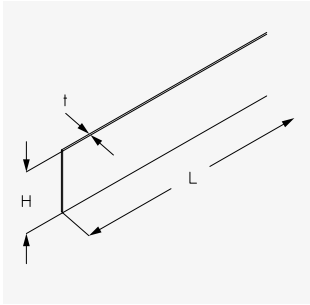
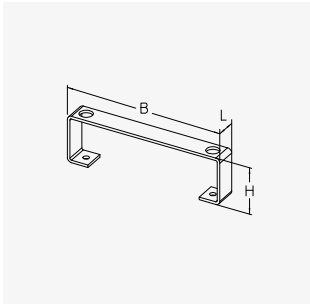
BKHCSV

Floor duct side trim

Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
BKHCSV 1.5S	90	1500	1.00	1.060
BKHCSV 1S	90	1000	1.00	0.710
BKHCSV S	90	3000	1.00	2.120

optional accessories

BS Self-drilling screw 326



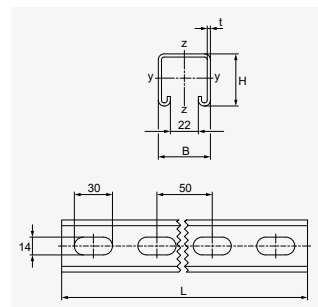
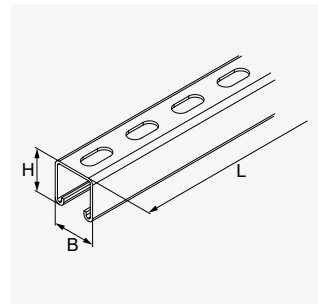
KHA 41

41x41 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 41-01F	100	41	41	2.50	0.260
KHA 41-02F	200	41	41	2.50	0.500
KHA 41-03F	300	41	41	2.50	0.700
KHA 41-04F	400	41	41	2.50	1.000
KHA 41-05F	500	41	41	2.50	1.300
KHA 41-06F	600	41	41	2.50	1.600
KHA 41-07F	700	41	41	2.50	1.800
KHA 41-08F	800	41	41	2.50	2.100
KHA 41-09F	900	41	41	2.50	2.400
KHA 41-10F	1000	41	41	2.50	2.600
KHA 41-11F	1100	41	41	2.50	2.900
KHA 41-12F	1200	41	41	2.50	3.200
KHA 41-13F	1300	41	41	2.50	3.400
KHA 41-14F	1400	41	41	2.50	3.700
KHA 41-15F	1500	41	41	2.50	4.000
KHA 41-20F	2000	41	41	2.50	5.200
KHA 41-30F	3000	41	41	2.50	7.800
KHA 41-60F	6000	41	41	2.50	15.600

optional accessories

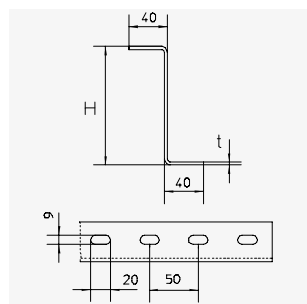
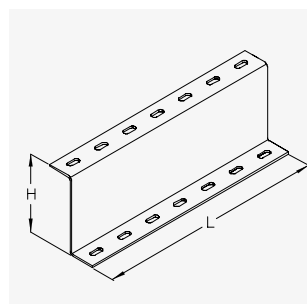
AKL 41	Rail clamp	451
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
BGA 41	Screw-on head plate, KHA 41	449
BGA 41/2	Screw-on head plate, KHA 41/82	450
RUS 41	U-shaped washer, A/KHA 21/41/42/82	513
SKS A	Clamping claw, heavy, A/KHA 21/41/42/82	479
SA 2	Protection cap, cadmium yellow RAL 1021	455
SAI 41	Protection cap, white/black	456
KA 41	Stem support, standard, KDAG 41, A/KHA 21/41/42/82	449
KA 30	Bracket, light	448
AV 41	Connector, A/KHA 21/41/42/82	451,470
BL 5	Mounting bracket	450
AVL	Rail connector	452,470
AVE	Rail connector, corner	452,471
AVA	Rail connector, branch	453
AVB	Rail connector bracket	453,471
AVLW	Channel connector, 90°	454,472
AVAW	Rail connector bracket	454,472
RP	Back plate for wall bracket KW/KWF	485



KHZ

Z profile

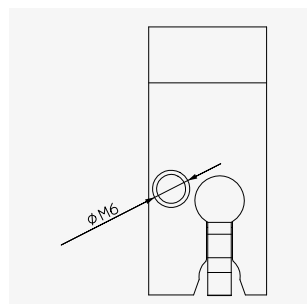
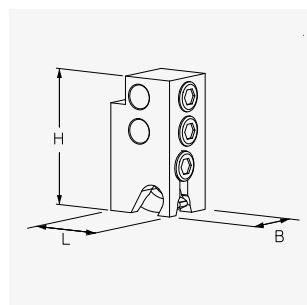
Article	H mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHZ 100-01S	100	100	3.00	0.370
KHZ 100-02S	100	200	3.00	0.740
KHZ 100-03S	100	300	3.00	1.120
KHZ 100-04S	100	400	3.00	1.490
KHZ 100-05S	100	500	3.00	1.860
KHZ 100-06S	100	600	3.00	2.230
KHZ 100-30S	100	3000	3.00	11.180
KHZ 120-01S	120	3000	3.00	0.440
KHZ 120-02S	120	200	3.00	0.880
KHZ 120-03S	120	300	3.00	1.320
KHZ 120-04S	120	400	3.00	1.760
KHZ 120-05S	120	500	3.00	2.200
KHZ 120-06S	120	600	3.00	2.640
KHZ 120-30S	120	3000	3.00	13.190
KHZ 80-01S	80	100	3.00	0.320
KHZ 80-02S	80	200	3.00	0.650
KHZ 80-03S	80	300	3.00	0.980
KHZ 80-04S	80	400	3.00	1.310
KHZ 80-05S	80	500	3.00	1.640
KHZ 80-06S	80	600	3.00	1.970
KHZ 80-30S	80	3000	3.00	9.880



BKPA

Floor duct equipotential bonding terminal block

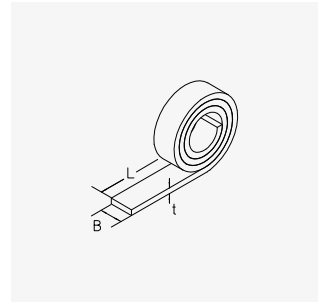
Article	H mm	B mm	L mm	G kg
brass				
BKPA	45	20	24	0.122



ARB

Non-slip tape

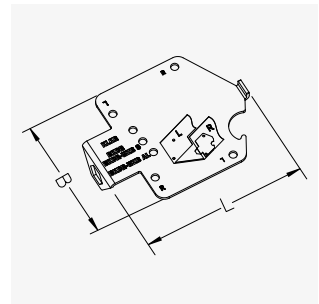
Article	t mm	G kg
Ethylene-propylene-caoutchouc		
ARB 2X8	2.00	0.022



BKMT

Multitool for floor ducts

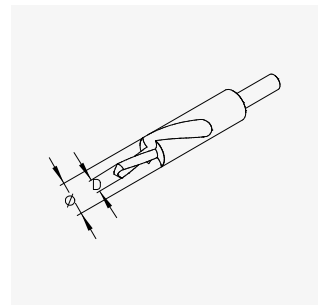
Article	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)	
BKMT E	0.052



STB

Step drill bit

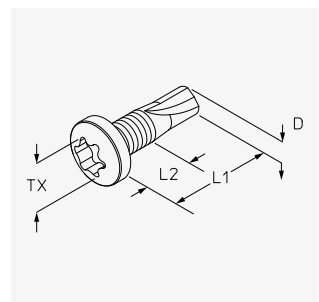
Article	D mm	Ø mm	G kg
steel, galvanic zinc plated			
STB 9/18	9	18.0	0.120



BS

Self-drilling screw

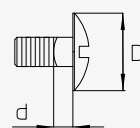
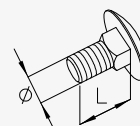
Article	L mm	D mm	G kg
steel, galvanic zinc plated			
BS 4.2X13GV	13	4.2	0.002
BS 5.5X19GV	19	5.5	0.004



FRSS

Truss-head bolt with square neck, DIN 603

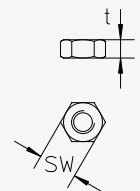
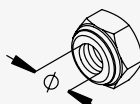
Article	L mm	D mm	G kg
steel, galvanic zinc plated			
FRSS 6X12	12	16.6	0.006



SEMSS

Hexagon nut, self-locking, DIN 985

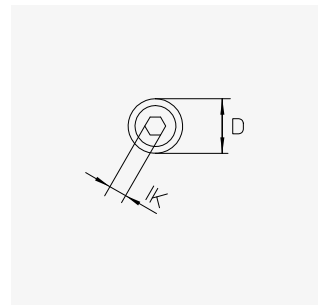
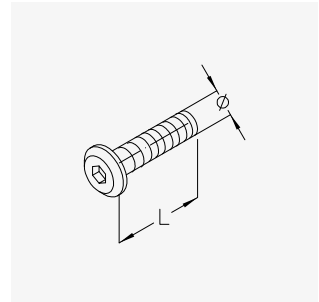
Article	t mm	Ø mm	SW mm	G kg
steel, galvanic zinc plated				
SEMSS 5	5.00	5.0	8	0.002
SEMSS 6	6.00	6.0	10	0.002
SEMSS 8	8.00	8.0	13	0.005
SEMSS 10	10.00	10.0	17	0.010
Stainless steel, acc. to AISI 304 (BS 304S31)				
SEMSS 6E	8.00	6.0	13	0.002
SEMSS 8E	8.00	8.0	13	0.005
SEMSS 10E	10.00	10.0	17	0.010
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
SEMSS 6E4	6.00	6.0	10	0.002
SEMSS 8E4	8.00	8.0	13	0.005
SEMSS 10E4	10.00	10.0	17	0.010



FRIK

Round head screw with hexagon socket

Article	L mm	D mm	G kg
steel, galvanic zinc plated			
FRIK 6X12	12	16.6	0.004
FRIK 6X25	25	16.6	0.006



KZS

Cold zinc spray

Article	G kg
KZS	0.403



KZF

Cold zinc paint

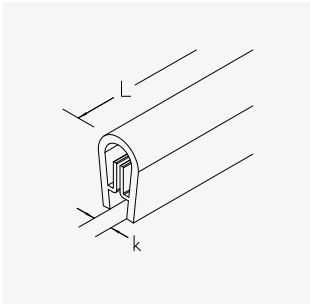
Article	G kg
KZF	1.035



KSB

Edge protection strip

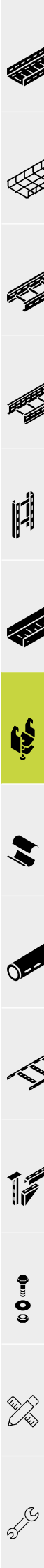
Article	L mm	k mm	colour	G kg
Polyvinyl chloride				
KSB-G	1000	0,5 - 1,5	gray	0.072
KSB-S	1000	0,5 - 1,5	black	0.072
KSB 2-G	1000	0,5 - 2,0	gray	0.090
KSB 4-S	1000	1,0 - 4,0	black	0.140





Cable Clamps

Cable Clamps	332
Waveguide / High Frequency Cable Clamps	350
Cable Troughs	358
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Cable Clamps

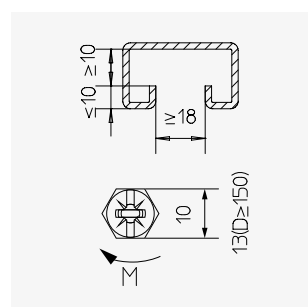
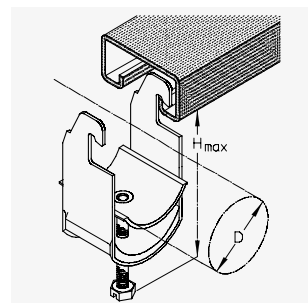
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 AC	41	8 - 12	2	1	0.026
16 AC	46	12 - 16	2	1	0.029
20 AC	50	16 - 20	2	1	0.033
24 AC	54	20 - 24	2	1	0.037
28 AC	58	24 - 28	2	1	0.041
32 AC	63	28 - 32	2	1	0.050
36 AC	67	32 - 36	2	1	0.054
40 AC	71	36 - 40	2	1	0.059
44 AC	81	40 - 44	4	1	0.091
48 AC	85	44 - 48	4	1	0.091
52 AC	90	48 - 52	4	1	0.104
56 AC	94	52 - 56	4	1	0.109
60 AC	98	56 - 60	4	1	0.141
64 AC	102	60 - 64	4	1	0.147
70 AC	109	64 - 70	4	1	0.159
76 AC	113	70 - 76	4	1	0.221
82 AC	119	76 - 82	4	1	0.234
88 AC	125	82 - 88	4	1	0.252
94 AC	131	88 - 94	4	1	0.279
100 AC	137	94 - 100	4	1	0.292
110 AC	157	101 - 110	4	1	0.313
120 AC	167	111 - 120	4	1	0.333
150 AC	203	145 - 150	6	1	1.046
175 AC	228	170 - 175	6	1	1.303
12/2 AC	58	8 - 12	2	2	0.033
16/2 AC	67	12 - 16	2	2	0.039
20/2 AC	75	16 - 20	2	2	0.045
24/2 AC	84	20 - 24	2	2	0.051
28/2 AC	92	24 - 28	2	2	0.057
32/2 AC	101	28 - 32	2	2	0.068

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



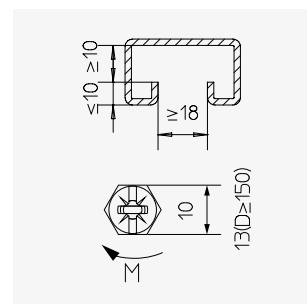
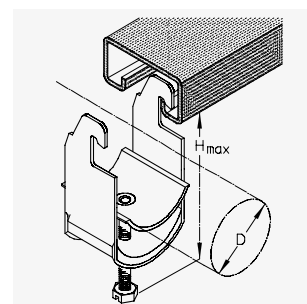
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
36/2 AC	109	32 - 36	2	2	0.074
40/2 AC	117	36 - 40	2	2	0.081
44/2 AC	127	40 - 44	4	2	0.135
48/2 AC	135	44 - 48	4	2	0.132
52/2 AC	144	48 - 52	4	2	0.142
56/2 AC	152	52 - 56	4	2	0.153
12/3 AC	71	8 - 12	2	3	0.040
16/3 AC	85	12 - 16	2	3	0.048
20/3 AC	97	16 - 20	2	3	0.056
24/3 AC	110	20 - 24	2	3	0.064

optional accessories

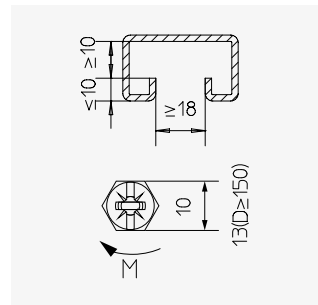
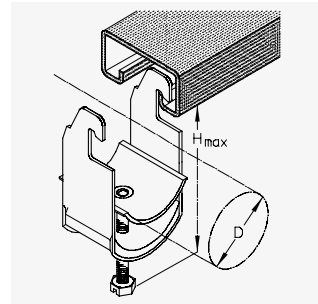
A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
KHA 4	48x26 mm profile rail, perforated	461
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
12 AC-E	41	8 - 12	2	1	0.025
16 AC-E	46	12 - 16	2	1	0.028
20 AC-E	50	16 - 20	2	1	0.032
24 AC-E	54	20 - 24	2	1	0.035
28 AC-E	58	24 - 28	2	1	0.040
32 AC-E	63	28 - 32	2	1	0.047
36 AC-E	67	32 - 36	2	1	0.051
40 AC-E	71	36 - 40	2	1	0.056
44 AC-E	81	40 - 44	4	1	0.078
48 AC-E	85	44 - 48	4	1	0.085
52 AC-E	90	48 - 52	4	1	0.092
56 AC-E	94	52 - 56	4	1	0.095
12/2 AC-E	58	8 - 12	2	2	0.032
16/2 AC-E	67	12 - 16	2	2	0.037
20/2 AC-E	75	16 - 20	2	2	0.043
24/2 AC-E	84	20 - 24	2	2	0.048
28/2 AC-E	92	24 - 28	2	2	0.054
32/2 AC-E	101	28 - 32	2	2	0.064
36/2 AC-E	109	32 - 36	2	2	0.070
40/2 AC-E	117	36 - 40	2	2	0.077
44/2 AC-E	127	40 - 44	4	2	0.117
48/2 AC-E	135	44 - 48	4	2	0.143
52/2 AC-E	144	48 - 52	4	2	0.126
56/2 AC-E	152	52 - 56	4	2	0.138



optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
KHA 21	41x21 mm profile rail, perforated	448
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KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360

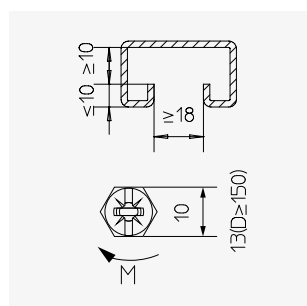
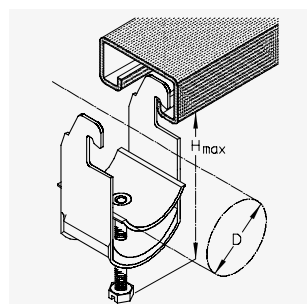
AC

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
aluminium					
12 AC-AL	41	8 - 12	1.5	1	0.011
16 AC-AL	46	12 - 16	1.5	1	0.013
20 AC-AL	50	16 - 20	1.5	1	0.015
24 AC-AL	54	20 - 24	1.5	1	0.017
28 AC-AL	58	24 - 28	1.5	1	0.020
32 AC-AL	63	28 - 32	1.5	1	0.033
36 AC-AL	67	32 - 36	1.5	1	0.035
40 AC-AL	71	36 - 40	1.5	1	0.040
44 AC-AL	81	40 - 44	3	1	0.044
48 AC-AL	85	44 - 48	3	1	0.047
52 AC-AL	90	48 - 52	3	1	0.051
56 AC-AL	94	52 - 56	3	1	0.055

optional accessories

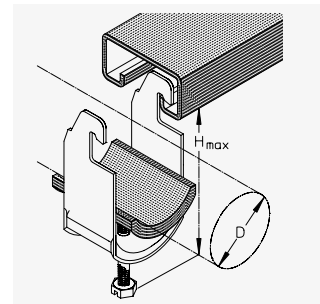
A 2	50x31 mm profile rail, unperforated	458
A 41	41x41 mm profile rail, unperforated	460
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
DW	Double trough	359
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
GW 76-120	Counter trough, dia. 76-120 mm	358
KHA 2	50x31 mm profile rail, perforated	461
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KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 82	41x82 mm profile rail, perforated	466
KHA 9	40x25 mm profile rail, perforated	465
KHAL 41	41x41 mm profile rail, perforated	446
LW	Long trough	360



AC-IW

Cable clamp with additional insulating tray for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 AC-IW	42.5	8 - 12	2	1	0.027
16 AC-IW	47.5	12 - 16	2	1	0.030
20 AC-IW	51.5	16 - 20	2	1	0.035
24 AC-IW	55.7	20 - 24	2	1	0.039
28 AC-IW	59.7	24 - 28	2	1	0.043
32 AC-IW	65	28 - 32	2	1	0.053
36 AC-IW	69	32 - 36	2	1	0.058
40 AC-IW	73	36 - 40	2	1	0.063
44 AC-IW	83	40 - 44	4	1	0.097
48 AC-IW	87	44 - 48	4	1	0.097
52 AC-IW	92.5	48 - 52	4	1	0.108
56 AC-IW	96.5	52 - 56	4	1	0.114
60 AC-IW	100.5	56 - 60	4	1	0.151
64 AC-IW	104.5	60 - 64	4	1	0.157
70 AC-IW	111.5	64 - 70	4	1	0.169



optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
A 2	50x31 mm profile rail, unperforated	458
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
A 41	41x41 mm profile rail, unperforated	460
KHA 21	41x21 mm profile rail, perforated	448
KHA 41	41x41 mm profile rail, perforated	324,445

H

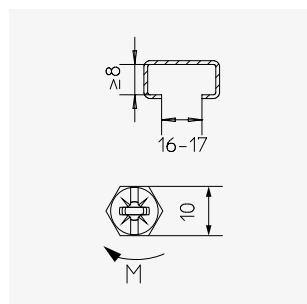
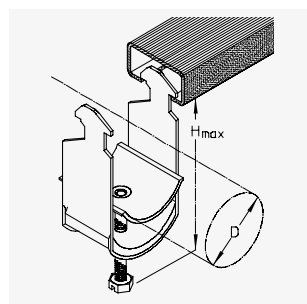
Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 H	41	8 - 12	2	1	0.028
16 H	46	12 - 16	2	1	0.032
20 H	50	16 - 20	2	1	0.036
24 H	54	20 - 24	2	1	0.039
28 H	58	24 - 28	2	1	0.044
32 H	63	28 - 32	2	1	0.053
36 H	67	32 - 36	2	1	0.057
40 H	71	36 - 40	2	1	0.062
44 H	81	40 - 44	4	1	0.086
48 H	85	44 - 48	4	1	0.095
52 H	90	48 - 52	4	1	0.105
56 H	94	52 - 56	4	1	0.109
60 H	98	56 - 60	4	1	0.146
64 H	102	60 - 64	4	1	0.154
70 H	109	64 - 70	4	1	0.170
12/2 H	58	8 - 12	2	2	0.037
16/2 H	67	12 - 16	2	2	0.043
20/2 H	75	16 - 20	2	2	0.049
24/2 H	84	20 - 24	2	2	0.054
28/2 H	92	24 - 28	2	2	0.061
32/2 H	101	28 - 32	2	2	0.072
36/2 H	109	32 - 36	2	2	0.078
40/2 H	117	36 - 40	2	2	0.085
44/2 H	127	40 - 44	4	2	0.120
48/2 H	135	44 - 48	4	2	0.136
52/2 H	144	48 - 52	4	2	0.147
56/2 H	152	52 - 56	4	2	0.154

Stainless steel, acc. to AISI 304 (BS 304S31)					
12 H-E	41	8 - 12	2	1	0.027
16 H-E	46	12 - 16	2	1	0.031
20 H-E	50	16 - 20	2	1	0.034
24 H-E	54	20 - 24	2	1	0.038
28 H-E	58	24 - 28	2	1	0.041
32 H-E	63	28 - 32	2	1	0.050
36 H-E	67	32 - 36	2	1	0.054
40 H-E	71	36 - 40	2	1	0.059
44 H-E	81	40 - 44	4	1	0.079
48 H-E	85	44 - 48	4	1	0.090
52 H-E	90	48 - 52	4	1	0.097
56 H-E	94	52 - 56	4	1	0.107
12/2 H-E	58	8 - 12	2	2	0.036
16/2 H-E	67	12 - 16	2	2	0.041
20/2 H-E	75	16 - 20	2	2	0.047
24/2 H-E	84	20 - 24	2	2	0.048
28/2 H-E	92	24 - 28	2	2	0.058
32/2 H-E	101	28 - 32	2	2	0.068

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
DW	Double trough	359
LW	Long trough	360
KHB 7	30x15 mm profile rail, perforated	468
B 7	30x15 mm profile rail, unperforated	467



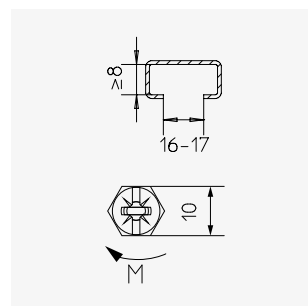
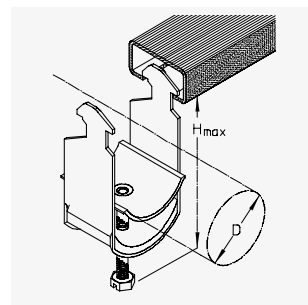
H

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
aluminium					
12 H-AL	41	8 - 12	1.5	1	0.011
16 H-AL	46	12 - 16	1.5	1	0.014
20 H-AL	50	16 - 20	1.5	1	0.016
24 H-AL	54	20 - 24	1.5	1	0.018
28 H-AL	58	24 - 28	1.5	1	0.021
32 H-AL	63	28 - 32	1.5	1	0.033
36 H-AL	67	32 - 36	1.5	1	0.037
40 H-AL	71	36 - 40	1.5	1	0.041
44 H-AL	81	40 - 44	3	1	0.045
48 H-AL	85	44 - 48	3	1	0.049
52 H-AL	90	48 - 52	3	1	0.053
56 H-AL	94	52 - 56	3	1	0.057

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
DW	Double trough	359
LW	Long trough	360
KHB 7	30x15 mm profile rail, perforated	468
B 7	30x15 mm profile rail, unperforated	467



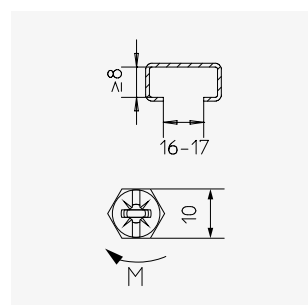
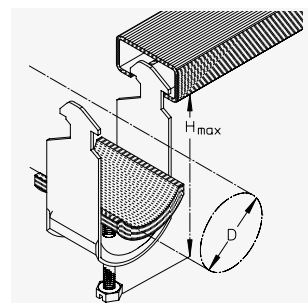
H-IW

Cable clamp with additional insulating tray for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 H-IW	42.5	8 - 12	2	1	0.029
16 H-IW	47.5	12 - 16	2	1	0.033
20 H-IW	51.5	16 - 20	2	1	0.038
24 H-IW	55.7	20 - 24	2	1	0.041
28 H-IW	59.7	24 - 28	2	1	0.046
32 H-IW	65	28 - 32	2	1	0.056
36 H-IW	69	32 - 36	2	1	0.061
40 H-IW	73	36 - 40	2	1	0.066
44 H-IW	83	40 - 44	4	1	0.095
48 H-IW	87	44 - 48	4	1	0.101
52 H-IW	92.5	48 - 52	4	1	0.116
56 H-IW	96.5	52 - 56	4	1	0.122
60 H-IW	100.5	56 - 60	4	1	0.154
64 H-IW	104.5	60 - 64	4	1	0.166
70 H-IW	111.5	64 - 70	4	1	0.176

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
B 7	30x15 mm profile rail, unperforated	467
KHB 7	30x15 mm profile rail, perforated	468



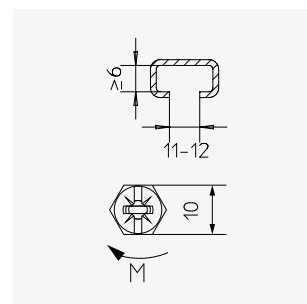
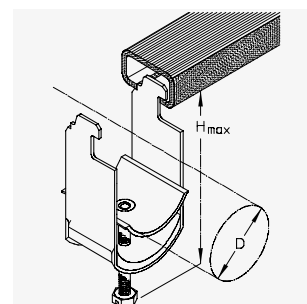
B

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 B	41	8 - 12	2	1	0.023
16 B	46	12 - 16	2	1	0.027
20 B	50	16 - 20	2	1	0.031
24 B	54	20 - 24	2	1	0.034
28 B	58	24 - 28	2	1	0.039
32 B	63	28 - 32	2	1	0.048
36 B	67	32 - 36	2	1	0.052
40 B	71	36 - 40	2	1	0.057
44 B	81	40 - 44	4	1	0.086
48 B	85	44 - 48	4	1	0.088
52 B	90	48 - 52	4	1	0.098
56 B	94	52 - 56	4	1	0.108
60 B	98	56 - 60	4	1	0.139
64 B	102	60 - 64	4	1	0.142
70 B	109	64 - 70	4	1	0.153
12/2 B	58	8 - 12	2	2	0.032
16/2 B	67	12 - 16	2	2	0.037
20/2 B	75	16 - 20	2	2	0.043
24/2 B	84	20 - 24	2	2	0.049
28/2 B	92	24 - 28	2	2	0.056
32/2 B	101	28 - 32	2	2	0.064
36/2 B	109	32 - 36	2	2	0.071
40/2 B	117	36 - 40	2	2	0.077
44/2 B	127	40 - 44	4	2	0.122
48/2 B	135	44 - 48	4	2	0.133
52/2 B	144	48 - 52	4	2	0.139
56/2 B	152	52 - 56	4	2	0.152

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
DW	Double trough	359
B 3	28x12 mm profile rail, unperforated	466
B 6	28x15 mm profile rail, unperforated	467



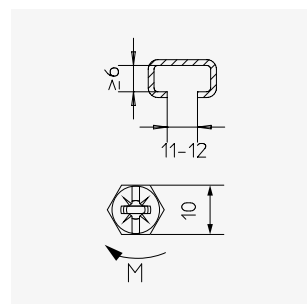
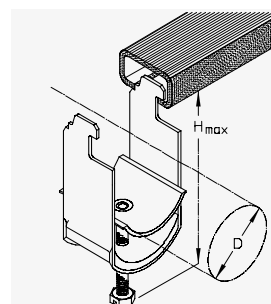
B

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	M Nm	cables	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
12 B-E	41	8 - 12	2	1	0.023
16 B-E	46	12 - 16	2	1	0.026
20 B-E	50	16 - 20	2	1	0.028
24 B-E	54	20 - 24	2	1	0.033
28 B-E	58	24 - 28	2	1	0.036
32 B-E	63	28 - 32	2	1	0.045
36 B-E	67	32 - 36	2	1	0.049
40 B-E	71	36 - 40	2	1	0.054
44 B-E	81	40 - 44	4	1	0.074
48 B-E	85	44 - 48	4	1	0.078
52 B-E	90	48 - 52	4	1	0.086
56 B-E	94	52 - 56	4	1	0.092
60 B-E	98	56 - 60	4	1	0.133
64 B-E	102	60 - 64	4	1	0.140
70 B-E	109	64 - 70	4	1	0.152
12/2 B-E	58	8 - 12	2	2	0.031
16/2 B-E	67	12 - 16	2	2	0.036
20/2 B-E	75	16 - 20	2	2	0.041
24/2 B-E	84	20 - 24	2	2	0.047
28/2 B-E	92	24 - 28	2	2	0.052
32/2 B-E	101	28 - 32	2	2	0.061
36/2 B-E	109	32 - 36	2	2	0.067
40/2 B-E	117	36 - 40	2	2	0.073
44/2 B-E	127	40 - 44	4	2	0.105
48/2 B-E	135	44 - 48	4	2	0.112
52/2 B-E	144	48 - 52	4	2	0.123
56/2 B-E	152	52 - 56	4	2	0.131
aluminium					
12 B-AL	41	8 - 12	1.5	1	0.010
16 B-AL	46	12 - 16	1.5	1	0.012
20 B-AL	50	16 - 20	1.5	1	0.015
24 B-AL	54	20 - 24	1.5	1	0.017
28 B-AL	58	24 - 28	1.5	1	0.019
32 B-AL	63	28 - 32	1.5	1	0.032
36 B-AL	67	32 - 36	1.5	1	0.040
40 B-AL	71	36 - 40	1.5	1	0.038
44 B-AL	81	40 - 44	3	1	0.042
48 B-AL	85	44 - 48	3	1	0.046
52 B-AL	90	48 - 52	3	1	0.051
56 B-AL	94	52 - 56	3	1	0.054

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
DW	Double trough	359
B 3	28x12 mm profile rail, unperforated	466
B 6	28x15 mm profile rail, unperforated	467



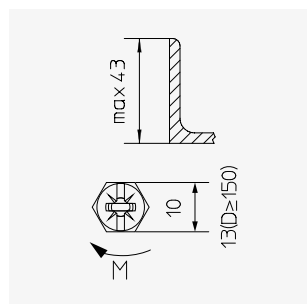
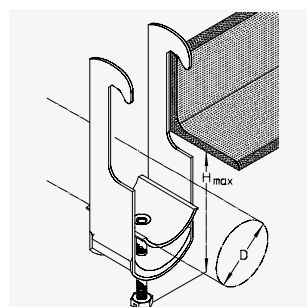
S

Cable clamp for fastening to angle profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 S	41	8 - 12	2	1	0.036
16 S	46	12 - 16	2	1	0.039
20 S	50	16 - 20	2	1	0.043
24 S	54	20 - 24	2	1	0.047
28 S	58	24 - 28	2	1	0.052
32 S	63	28 - 32	2	1	0.061
36 S	67	32 - 36	2	1	0.065
40 S	71	36 - 40	2	1	0.070
44 S	81	40 - 44	4	1	0.107
48 S	85	44 - 48	4	1	0.108
52 S	90	48 - 52	4	1	0.115
56 S	94	52 - 56	4	1	0.125
60 S	98	56 - 60	4	1	0.161
64 S	102	60 - 64	4	1	0.167
70 S	109	64 - 70	4	1	0.186
76 S	113	70 - 76	4	1	0.242
82 S	119	76 - 82	4	1	0.264
88 S	125	82 - 88	4	1	0.270
94 S	131	88 - 94	4	1	0.332
100 S	137	94 - 100	4	1	0.310
110 S	157	101 - 110	4	1	0.329
120 S	167	111 - 120	4	1	0.351
150 S	203	145 - 150	6	1	1.077
175 S	228	170 - 175	6	1	1.280
12/2 S	58	8 - 12	2	2	0.044
16/2 S	67	12 - 16	2	2	0.049
20/2 S	75	16 - 20	2	2	0.055
24/2 S	84	20 - 24	2	2	0.061
28/2 S	92	24 - 28	2	2	0.068
32/2 S	101	28 - 32	2	2	0.080
36/2 S	109	32 - 36	2	2	0.085
40/2 S	117	36 - 40	2	2	0.092
44/2 S	127	40 - 44	4	2	0.155
48/2 S	135	44 - 48	4	2	0.150
52/2 S	144	48 - 52	4	2	0.161
56/2 S	152	52 - 56	4	2	0.174
12/3 S	71	8 - 12	2	3	0.050
16/3 S	85	12 - 16	2	3	0.058
20/3 S	97	16 - 20	2	3	0.066
24/3 S	110	20 - 24	2	3	0.074

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
GW 76-120	Counter trough, dia. 76-120 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
DW	Double trough	359
LW	Long trough	360



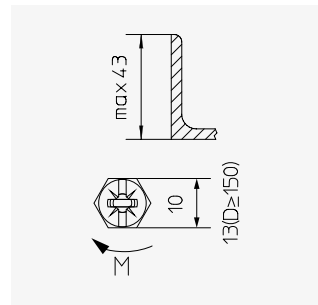
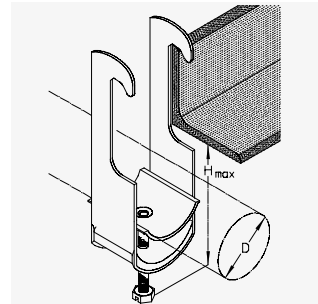
S

Cable clamp for fastening to angle profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
12 S-E	41	8 - 12	2	1	0.034
16 S-E	46	12 - 16	2	1	0.038
20 S-E	50	16 - 20	2	1	0.041
24 S-E	54	20 - 24	2	1	0.045
28 S-E	58	24 - 28	2	1	0.048
32 S-E	63	28 - 32	2	1	0.057
36 S-E	67	32 - 36	2	1	0.063
40 S-E	71	36 - 40	2	1	0.066
44 S-E	81	40 - 44	4	1	0.096
48 S-E	85	44 - 48	4	1	0.100
52 S-E	90	48 - 52	4	1	0.107
56 S-E	94	52 - 56	4	1	0.116
aluminium					
12 S-AL	41	8 - 12	1.5	1	0.017
16 S-AL	46	12 - 16	1.5	1	0.017
20 S-AL	50	16 - 20	1.5	1	0.020
24 S-AL	54	20 - 24	1.5	1	0.022
28 S-AL	58	24 - 28	1.5	1	0.024
32 S-AL	63	28 - 32	1.5	1	0.039
36 S-AL	67	32 - 36	1.5	1	0.042
40 S-AL	71	36 - 40	1.5	1	0.046
44 S-AL	81	40 - 44	3	1	0.051
48 S-AL	85	44 - 48	3	1	0.054
52 S-AL	90	48 - 52	3	1	0.059
56 S-AL	94	52 - 56	3	1	0.062

optional accessories

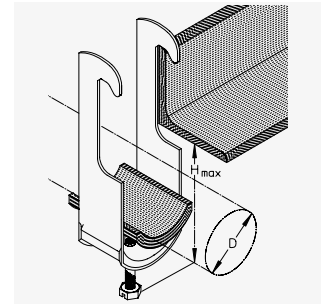
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 76-120	Counter trough, dia. 76-120 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
DW	Double trough	359
LW	Long trough	360



S-IW

Cable clamp with additional insulating tray for fastening to angle profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 S-IW	42.5	8 - 12	2	1	0.037
16 S-IW	47.5	12 - 16	2	1	0.040
20 S-IW	51.5	16 - 20	2	1	0.045
24 S-IW	55.7	20 - 24	2	1	0.049
28 S-IW	59.7	24 - 28	2	1	0.054
32 S-IW	65	28 - 32	2	1	0.064
36 S-IW	69	32 - 36	2	1	0.069
40 S-IW	73	36 - 40	2	1	0.074
44 S-IW	83	40 - 44	4	1	0.110
48 S-IW	87	44 - 48	4	1	0.112
52 S-IW	92.5	48 - 52	4	1	0.123
56 S-IW	96.5	52 - 56	4	1	0.134
60 S-IW	100.5	56 - 60	4	1	0.163
64 S-IW	104.5	60 - 64	4	1	0.184
70 S-IW	111.5	64 - 70	4	1	0.192



optional accessories

GW 12-70 Counter trough, dia. 12-70 mm

358

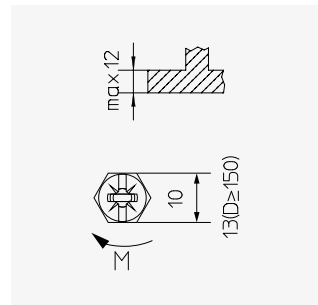
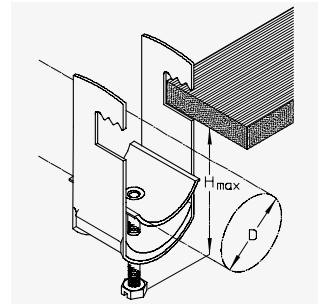
U

Cable clamp for fastening to flat profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 U	41	8 - 12	2	1	0.030
16 U	46	12 - 16	2	1	0.033
20 U	50	16 - 20	2	1	0.037
24 U	54	20 - 24	2	1	0.040
28 U	58	24 - 28	2	1	0.045
32 U	63	28 - 32	2	1	0.054
36 U	67	32 - 36	2	1	0.058
40 U	71	36 - 40	2	1	0.063
44 U	81	40 - 44	4	1	0.095
48 U	85	44 - 48	4	1	0.102
52 U	90	48 - 52	4	1	0.107
56 U	94	52 - 56	4	1	0.119
60 U	98	56 - 60	4	1	0.154
64 U	102	60 - 64	4	1	0.162
70 U	109	64 - 70	4	1	0.176
76 U	113	70 - 76	4	1	0.238
82 U	119	76 - 82	4	1	0.249
88 U	125	82 - 88	4	1	0.260
94 U	131	88 - 94	4	1	0.283
100 U	137	94 - 100	4	1	0.303
110 U	157	101 - 110	4	1	0.319
120 U	167	111 - 120	4	1	0.358
150 U	203	145 - 150	6	1	1.082
175 U	228	170 - 175	6	1	1.331
12/2 U	58	8 - 12	2	2	0.037
16/2 U	67	12 - 16	2	2	0.043
20/2 U	75	16 - 20	2	2	0.049
24/2 U	84	20 - 24	2	2	0.055
28/2 U	92	24 - 28	2	2	0.061
32/2 U	101	28 - 32	2	2	0.072
36/2 U	109	32 - 36	2	2	0.079
40/2 U	117	36 - 40	2	2	0.085
44/2 U	127	40 - 44	4	2	0.133
48/2 U	135	44 - 48	4	2	0.142
52/2 U	144	48 - 52	4	2	0.154
56/2 U	152	52 - 56	4	2	0.172
12/3 U	71	8 - 12	2	3	0.044
16/3 U	85	12 - 16	2	3	0.052
20/3 U	97	16 - 20	2	3	0.060
24/3 U	110	20 - 24	2	3	0.068

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
GW 76-120	Counter trough, dia. 76-120 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
DW	Double trough	359
LW	Long trough	360



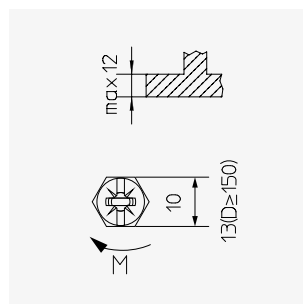
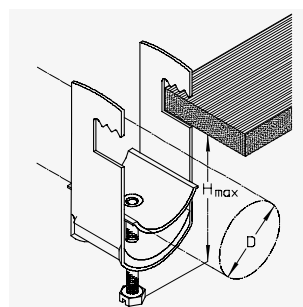
U

Cable clamp for fastening to flat profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
12 U-E	41	8 - 12	2	1	0.028
16 U-E	46	12 - 16	2	1	0.032
20 U-E	50	16 - 20	2	1	0.036
24 U-E	54	20 - 24	2	1	0.039
28 U-E	58	24 - 28	2	1	0.042
32 U-E	63	28 - 32	2	1	0.051
36 U-E	67	32 - 36	2	1	0.055
40 U-E	71	36 - 40	2	1	0.061
44 U-E	81	40 - 44	4	1	0.085
48 U-E	85	44 - 48	4	1	0.089
52 U-E	90	48 - 52	4	1	0.096
56 U-E	94	52 - 56	4	1	0.102
aluminium					
12 U-AL	41	8 - 12	2	1	0.017
16 U-AL	46	12 - 16	2	1	0.020
20 U-AL	50	16 - 20	2	1	0.023
24 U-AL	54	20 - 24	2	1	0.025
28 U-AL	58	24 - 28	2	1	0.028
32 U-AL	63	28 - 32	2	1	0.041
36 U-AL	67	32 - 36	2	1	0.045
40 U-AL	71	36 - 40	2	1	0.049
44 U-AL	81	40 - 44	4	1	0.052
48 U-AL	85	44 - 48	4	1	0.055
52 U-AL	90	48 - 52	4	1	0.061
56 U-AL	94	52 - 56	4	1	0.065

optional accessories

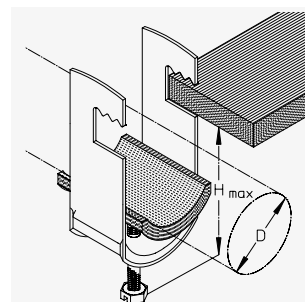
GW 12-70	Counter trough, dia. 12-70 mm	358
GW 76-120	Counter trough, dia. 76-120 mm	358
GW 150-175	Counter trough, dia. 150-175 mm	359
DW	Double trough	359
LW	Long trough	360



U-IW

Cable clamp with additional insulating tray for fastening to flat profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
12 U-IW	42.5	8 - 12	2	1	0.031
16 U-IW	47.5	12 - 16	2	1	0.034
20 U-IW	51.5	16 - 20	2	1	0.039
24 U-IW	55.7	20 - 24	2	1	0.042
28 U-IW	59.7	24 - 28	2	1	0.047
32 U-IW	65	28 - 32	2	1	0.057
36 U-IW	69	32 - 36	2	1	0.062
40 U-IW	73	36 - 40	2	1	0.067
44 U-IW	83	40 - 44	4	1	0.106
48 U-IW	87	44 - 48	4	1	0.106
52 U-IW	92.5	48 - 52	4	1	0.114
56 U-IW	96.5	52 - 56	4	1	0.119
60 U-IW	100.5	56 - 60	4	1	0.159
64 U-IW	104.5	60 - 64	4	1	0.162
70 U-IW	111.5	64 - 70	4	1	0.186



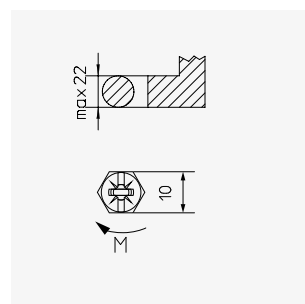
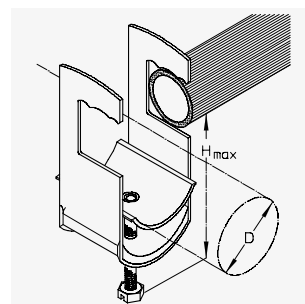
optional accessories

GW 12-70 Counter trough, dia. 12-70 mm 358

RU

Cable clamp for fastening to round and flat profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
steel, zinc plated					
14 RU	48	10 - 14	2	1	0.039
20 RU	54	16 - 20	2	1	0.047
26 RU	60	22 - 26	2	1	0.053
32 RU	67	28 - 32	2	1	0.083
38 RU	74	34 - 38	2	1	0.092
44 RU	82	40 - 44	4	1	0.107
52 RU	91	48 - 52	4	1	0.120
56 RU	95	52 - 56	4	1	0.131
60 RU	99	56 - 60	4	1	0.150
70 RU	109	64 - 70	4	1	0.173
14/2 RU	63	10 - 14	2	2	0.051
20/2 RU	75	16 - 20	2	2	0.062
26/2 RU	88	22 - 26	2	2	0.073
32/2 RU	101	28 - 32	2	2	0.120
44/2 RU	128	40 - 44	4	2	0.155
44/3 RU	174	40 - 44	4	2	0.212
56/2 RU	153	52 - 56	4	2	0.183
20/3 RU	53	16 - 20	2	3	0.076
32/3 RU	136	28 - 32	2	3	0.153



optional accessories

GW 12-70 Counter trough, dia. 12-70 mm 358

DW Double trough 359

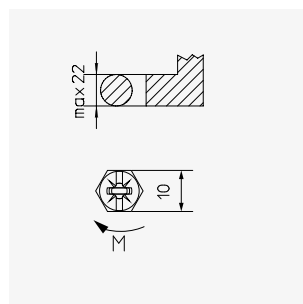
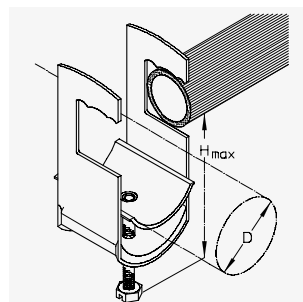
RU

Cable clamp for fastening to round and flat profiles

Article	H _{max} mm	D mm	M Nm	cables	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
14 RU-E	47	10 - 14	2	1	0.037
20 RU-E	53	16 - 20	2	1	0.045
26 RU-E	59	22 - 26	2	1	0.051
28 RU-E	61	24 - 28	2	1	0.054
32 RU-E	66	28 - 32	2	1	0.079
38 RU-E	74	34 - 38	2	1	0.089
44 RU-E	82	40 - 44	4	1	0.103
52 RU-E	90	48 - 52	4	1	0.116
56 RU-E	94	52 - 56	4	1	0.132
60 RU-E	98	56 - 60	4	1	0.143
70 RU-E	108	64 - 70	4	1	0.165
14/2 RU-E	62	10 - 14	2	2	0.048
20/2 RU-E	74	16 - 20	2	2	0.060
26/2 RU-E	87	22 - 26	2	2	0.071
32/2 RU-E	102	28 - 32	2	2	0.115
44/2 RU-E	128	40 - 44	4	2	0.147
56/2 RU-E	153	52 - 56	4	2	0.187
20/3 RU-E	96	16 - 20	2	3	0.077
32/3 RU-E	136	28 - 32	2	3	0.148
44/3 RU-E	174	40 - 44	4	3	0.195

optional accessories

GW 12-70	Counter trough, dia. 12-70 mm	358
DW	Double trough	359



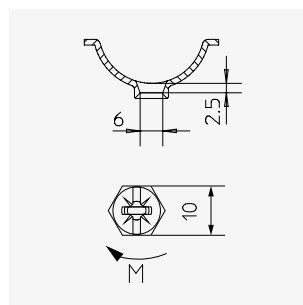
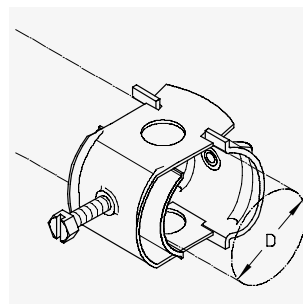
W

Cable clamps for wall fastening

Article	D mm	M Nm	G kg
steel, zinc plated			
16 W	12-16	2	0.041
20 W	16-20	2	0.050
24 W	20-24	2	0.054
28 W	24-28	2	0.060
32 W	28-32	4	0.072
36 W	32-36	4	0.080
44 W	36-44	4	0.114
52 W	44-52	4	0.135
60 W	52-60	4	0.162

optional accessories

SA	Anchor bolt	488
SAZ	Drop-in anchor	487
GP	Base plate	361
SC	Tension clamp	361
MKD	Mounting clamp	365, 482
RGW	Reducing thread	367, 484



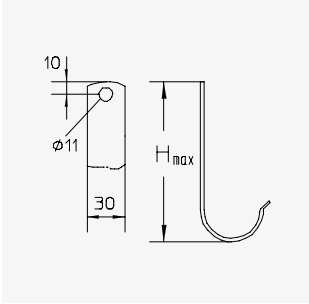
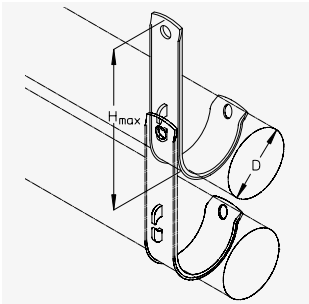
HK 30-70

Cable hook

Article	H _{max} mm	D mm	cables	G kg
Steel, hot-dip galvanised				
HK 30	105	≤ 30	1	0.095
HK 40	110	≤ 40	1	0.099
HK 50	130	≤ 50	1	0.121
HK 60	150	≤ 60	1	0.143
HK 70	170	≤ 70	1	0.149

optional accessories

SA	Anchor bolt	488
SAZ	Drop-in anchor	487



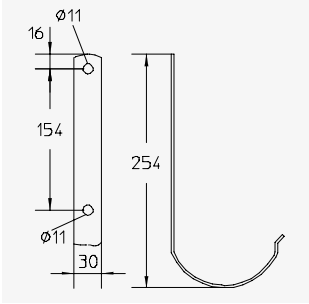
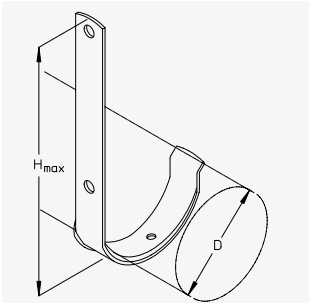
HK 100

Cable hook, dia. 100 mm

Article	H _{max} mm	D mm	cables	G kg
Steel, hot-dip galvanised				
HK 100	252	≤ 100	1	0.251

optional accessories

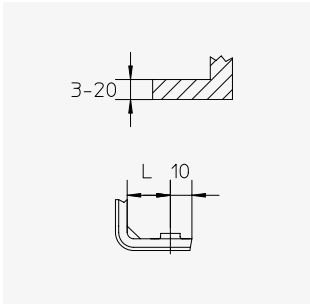
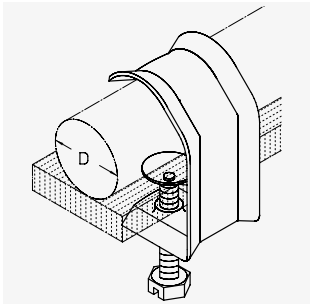
SA	Anchor bolt	488
SAZ	Drop-in anchor	487



KH

Cable holder

Article	D mm	G kg
Steel, hot-dip galvanised		
KH 12	≤ 12	0.038
KH 16	≤ 16	0.043
KH 20	≤ 20	0.045
KH 24	≤ 24	0.047
KH 28	≤ 28	0.049
KH 32	≤ 32	0.051



Waveguide / High Frequency Cable Clamps

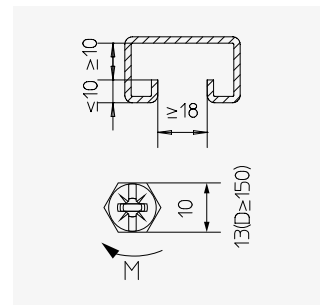
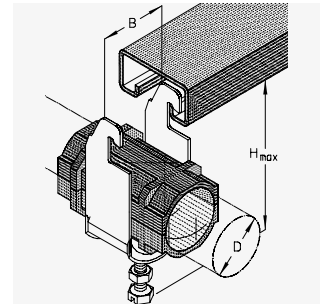
AC-HW

Cable clamp for fastening to C profile rails

Article	H _{max} mm	D mm	D inch	cables	G kg
steel, zinc plated					
20 AC-HW	53	17	1/2	1	0.039
32 AC-HW	68	29	7/8	1	0.062
44 AC-HW	83	39	1 1/4	1	0.126
56 AC-HW	106	51	1 5/8	1	0.159
20/2 AC-HW	73	17	1/2	2	0.050
32/2 AC-HW	102	29	7/8	2	0.079
44/2 AC-HW	129	39	1 1/4	2	0.201
56/2 AC-HW	164	51	1 5/8	2	0.252
20/3 AC-HW	93	17	1/2	3	0.061
32/3 AC-HW	136	29	7/8	3	0.096
44/3 AC-HW	176	39	1 1/4	3	0.198
Stainless steel, acc. to AISI 304 (BS 304S31)					
20 AC-HW-E	53	17	1/2	1	0.038
32 AC-HW-E	68	29	7/8	1	0.059
44 AC-HW-E	83	39	1 1/4	1	0.120
56 AC-HW-E	106	51	1 5/8	1	0.150
20/2 AC-HW-E	73	17	1/2	2	0.048
32/2 AC-HW-E	102	29	7/8	2	0.075
44/2 AC-HW-E	129	39	1 1/4	2	0.191
32/3 AC-HW-E	136	29	7/8	3	0.092
44/3 AC-HW-E	176	39	1 1/4	3	0.260

optional accessories

A 2	50x31 mm profile rail, unperforated	458
A 4	48x26 mm profile rail, unperforated	458
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
A 41	41x41 mm profile rail, unperforated	460
KHA 21	41x21 mm profile rail, perforated	448
KHA 41	41x41 mm profile rail, perforated	324,445

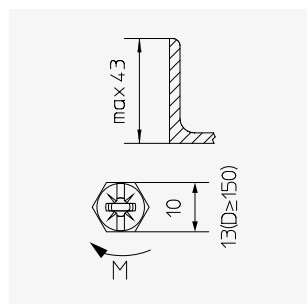
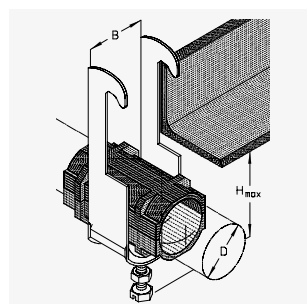


S-HW

Cable clamp for fastening to angle profiles

Article	H _{max} mm	D mm	D inch	cables	G kg
steel, zinc plated					
20 S-HW	53	17	1/2	1	0.049
32 S-HW	68	29	7/8	1	0.073
44 S-HW	83	39	1 1/4	1	0.145
56 S-HW	106	51	1 5/8	1	0.182
20/2 S-HW	73	17	1/2	2	0.060
32/2 S-HW	102	29	7/8	2	0.091
20/3 S-HW	93	17	1/2	3	0.071

Stainless steel, acc. to AISI 304 (BS 304S31)					
20 S-HW-E	53	17	1/2	1	0.047
32 S-HW-E	68	29	7/8	1	0.069
44 S-HW-E	83	39	1 1/4	1	0.131
56 S-HW-E	106	51	1 5/8	1	0.167
20/2 S-HW-E	73	17	1/2	2	0.058
32/2 S-HW-E	102	29	7/8	2	0.086
44/2 S-HW-E	129	39	1 1/4	2	0.179
56/2 S-HW-E	164	51	1 5/8	2	0.255
20/3 S-HW-E	93	17	1/2	3	0.068
32/3 S-HW-E	136	29	7/8	3	0.103
44/3 S-HW-E	176	39	1 1/4	3	0.269

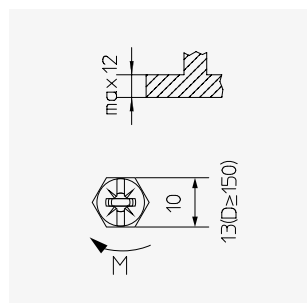
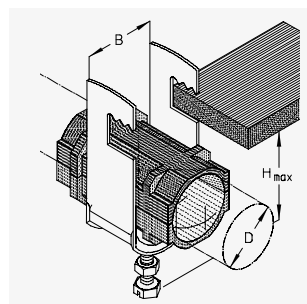


U-HW

Cable clamp for fastening to flat profiles

Article	H _{max} mm	D mm	D inch	cables	G kg
steel, zinc plated					
20 U-HW	53	17	1/2	1	0.043
32 U-HW	68	29	7/8	1	0.066
44 U-HW	83	39	1 1/4	1	0.130
56 U-HW	106	51	1 5/8	1	0.161
20/2 U-HW	73	17	1/2	2	0.054
32/2 U-HW	102	29	7/8	2	0.083
44/2 U-HW	129	39	1 1/4	2	0.207
56/2 U-HW	164	51	1 5/8	2	0.221
20/3 U-HW	93	17	1/2	3	0.065
32/3 U-HW	136	29	7/8	3	0.100

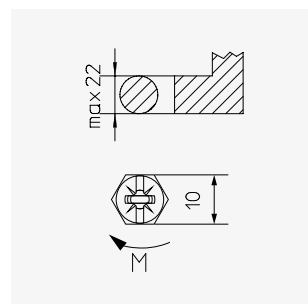
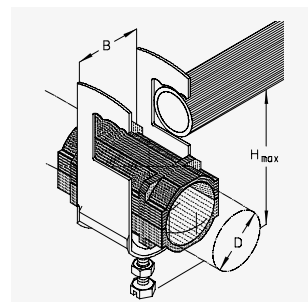
Stainless steel, acc. to AISI 304 (BS 304S31)					
20 U-HW-E	53	17	1/2	1	0.041
32 U-HW-E	68	29	7/8	1	0.063
44 U-HW-E	83	39	1 1/4	1	0.125
56 U-HW-E	106	51	1 5/8	1	0.155
20/2 U-HW-E	73	17	1/2	2	0.052
32/2 U-HW-E	102	29	7/8	2	0.079
44/2 U-HW-E	129	39	1 1/4	2	0.192
56/2 U-HW-E	164	51	1 5/8	2	0.251
20/3 U-HW-E	93	17	1/2	3	0.062
32/3 U-HW-E	136	29	7/8	3	0.138
44/3 U-HW-E	176	39	1 1/4	3	0.268



RU-HW

Cable clamp for fastening to round and flat profiles

Article	H _{max} mm	D mm	D inch	cables	G kg
steel, zinc plated					
20 RU-HW	53	17	1/2	1	0.053
32 RU-HW	68	29	7/8	1	0.102
44 RU-HW	83	39	1 1/4	1	0.141
56 RU-HW	106	51	1 5/8	1	0.181
20/2 RU-HW	73	17	1/2	2	0.079
32/2 RU-HW	102	29	7/8	2	0.157
44/2 RU-HW	129	39	1 1/4	2	0.223
56/2 RU-HW	164	51	1 5/8	2	0.283
20/3 RU-HW	93	17	1/2	3	0.100
32/3 RU-HW	136	29	7/8	3	0.213
44/3 RU-HW	176	39	1 1/4	3	0.314
Stainless steel, acc. to AISI 304 (BS 304S31)					
20 RU-HW-E	53	17	1/2	1	0.008
32 RU-HW-E	68	29	7/8	1	0.103
44 RU-HW-E	83	39	1 1/4	1	0.141
56 RU-HW-E	106	51	1 5/8	1	0.182
20/2 RU-HW-E	73	17	1/2	2	0.076
32/2 RU-HW-E	102	29	7/8	2	0.155
44/2 RU-HW-E	129	39	1 1/4	2	0.215
56/2 RU-HW-E	164	51	1 5/8	2	0.287
20/3 RU-HW-E	93	17	1/2	3	0.000
32/3 RU-HW-E	136	29	7/8	3	0.208
44/3 RU-HW-E	176	39	1 1/4	3	0.297



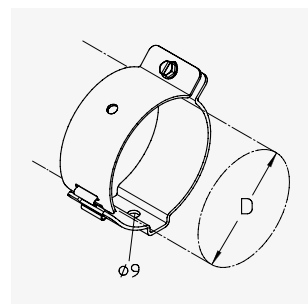
HF-EL 1-4

HF cable clamps for fastening to walls

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EL 1	37	E 130-190	0.128
HF-EL 2	50	E 78-105	0.184
HF-EL 3	62	E 60-70	0.220
HF-EL 4	100	E 38-46	0.326

optional accessories

HF-EE	HF clamp insert	357
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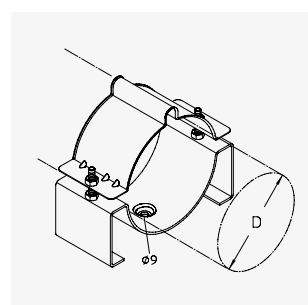
HF-EL 5-6

HF cable clamps for fastening to walls

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EL 5	128	E 26-30	0.850
HF-EL 6	160	E 20	1.070

optional accessories

HF-EE	HF clamp insert	357
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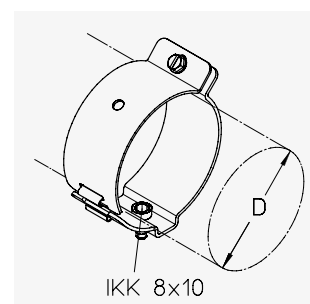
HF-EM 8 1-4

HF cable clamps for fastening to walls

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EM 8 1	37	E 130-190	0.135
HF-EM 8 2	50	E 78-105	0.191
HF-EM 8 3	62	E 60-70	0.227
HF-EM 8 4	100	E 38-46	0.333

optional accessories

HF-EE	HF clamp insert	357
SA	Anchor bolt	488
SAZ	Drop-in anchor	487
MKD	Mounting clamp	365,482



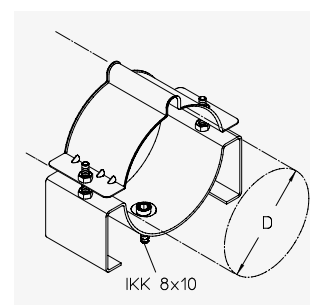
HF-EM 8 5-6

HF cable clamps for fastening to walls

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EM 8 5	128	E 26-30	0.857
HF-EM 8 6	160	E 20	1.077

optional accessories

HF-EE	HF clamp insert	357
SA	Anchor bolt	488
SAZ	Drop-in anchor	487
MKD	Mounting clamp	365,482



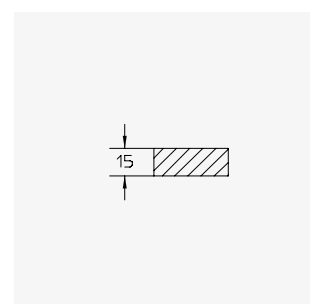
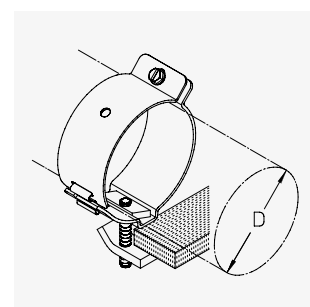
HF-EU 1-4

HF cable clamp for fastening to flat steel profiles

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EU 1	37	E 130-190	0.228
HF-EU 2	50	E 78-105	0.242
HF-EU 3	62	E 60-70	0.262
HF-EU 4	100	E 38-46	0.333

optional accessories

HF-EE	HF clamp insert	357
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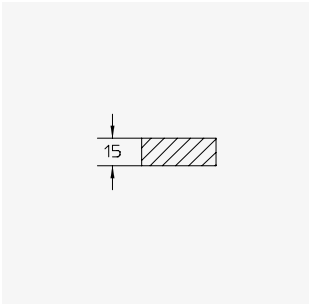
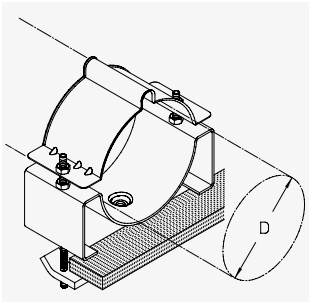
HF-EU 5-6

HF cable clamp for fastening to flat steel profiles

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EU 5	128	E 26-30	1.020
HF-EU 6	160	E 20	1.177

optional accessories

HF-EE	HF clamp insert	357
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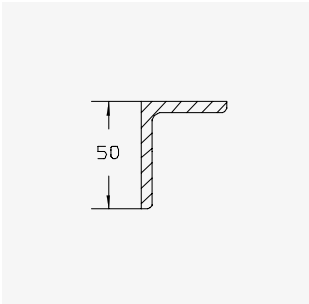
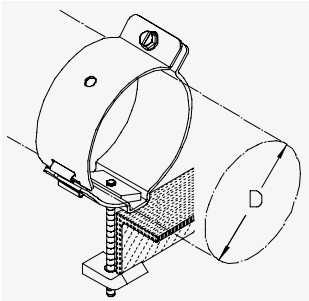
HF-ES 50 1-4

HF cable clamp for fastening to angle profiles

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-ES 50 1	37	E 130-190	0.239
HF-ES 50 2	50	E 78-105	0.253
HF-ES 50 3	62	E 60-70	0.273
HF-ES 50 4	100	E 38-46	0.345

optional accessories

HF-EE	HF clamp insert	357
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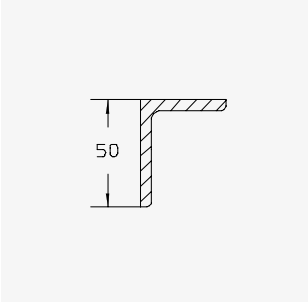
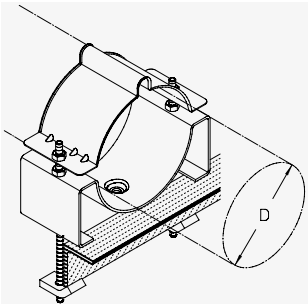
HF-ES 50 5-6

HF cable clamp for fastening to angle profiles

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-ES 50 5	128	E 26-30	0.803
HF-ES 50 6	160	E 20	1.200

optional accessories

HF-EE	HF clamp insert	357
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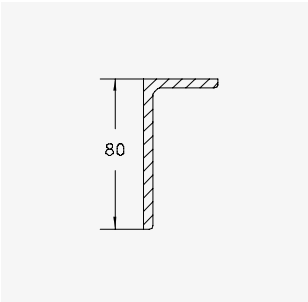
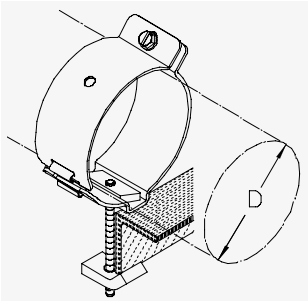
HF-ES 80 1-4

HF cable clamp for fastening to angle profiles

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-ES 80 1	37	E 130-190	0.249
HF-ES 80 2	50	E 78-105	0.263
HF-ES 80 3	62	E 60-70	0.283
HF-ES 80 4	100	E 38-46	0.354

optional accessories

HF-EE	HF clamp insert	357
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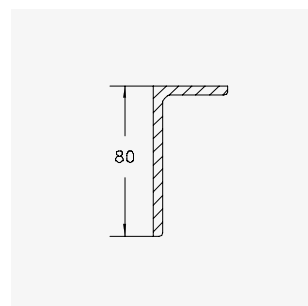
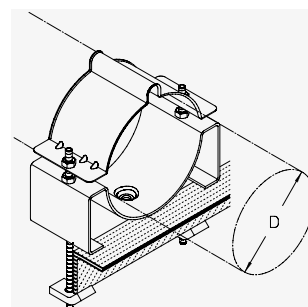
HF-ES 80 5-6

HF cable clamp for fastening to angle profiles

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-ES 80 5	128	E 26-30	1.061
HF-ES 80 6	160	E 20	1.219

optional accessories

HF-EE	HF clamp insert	357
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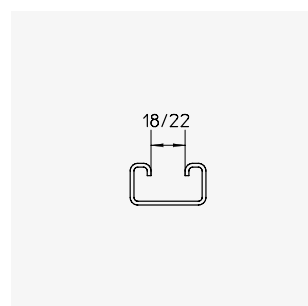
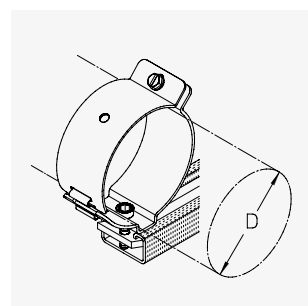
HF-EAC 1-4

HF cable clamp for fastening to profile rails

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EAC 1	37	E 130-190	0.172
HF-EAC 2	50	E 78-105	0.186
HF-EAC 3	62	E 60-70	0.207
HF-EAC 4	100	E 38-46	0.278

optional accessories

HF-EE	HF clamp insert	357
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464



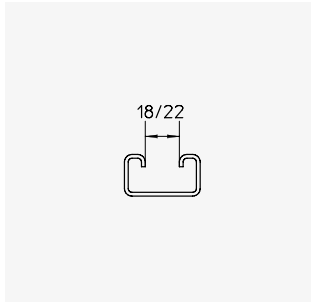
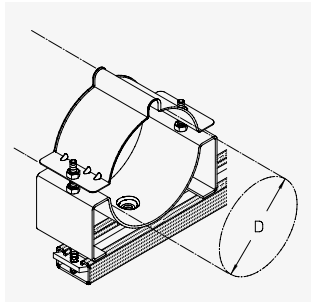
HF-EAC 5-6

HF cable clamp for fastening to profile rails

Article	D mm	cable type	G kg
Steel, hot-dip galvanised			
HF-EAC 5	128	E 26-30	0.966
HF-EAC 6	160	E 20	1.126

optional accessories

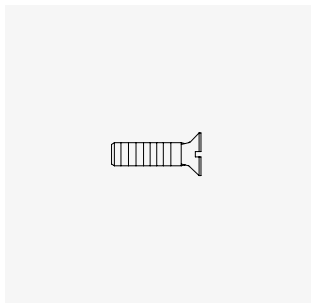
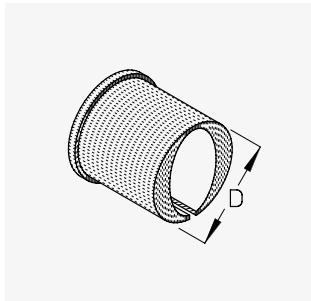
A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464



HF-EE

HF clamp insert

Article	D mm	cable type	G kg
Ethylene-propylene-caoutchouc			
HF-EE 105	50	E 105	0.100
HF-EE 130	37	E 130	0.079
HF-EE 150	37	E 150	0.080
HF-EE 190	37	E 190	0.081
HF-EE 38	100	E 38	0.300
HF-EE 46	100	E 46	0.286
HF-EE 60	100	E 60	0.148
HF-EE 65	62	E 65	0.149
HF-EE 70	62	E 70	0.152
HF-EE 78	50	E 78	0.097

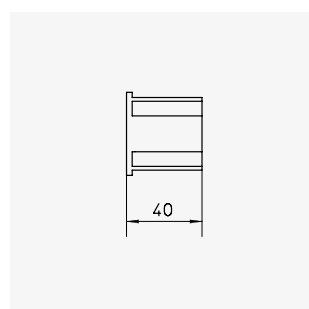
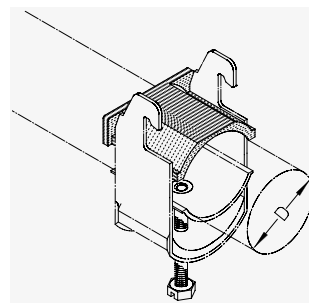


Cable Troughs

GW 12-70

Counter trough, dia. 12-70 mm

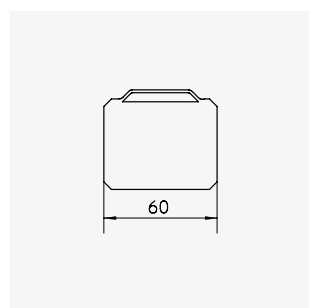
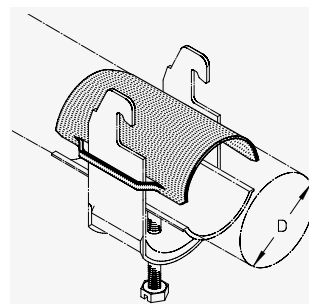
Article	D mm	G kg
polyethylen		
GW 12	9 - 12	0.001
GW 16	13 - 16	0.001
GW 20	17 - 20	0.002
GW 24	21 - 24	0.002
GW 28	25 - 28	0.003
GW 32	29 - 32	0.003
GW 36	33 - 36	0.004
GW 40	37 - 40	0.005
GW 48	41 - 48	0.007
GW 56	49 - 56	0.010
GW 64	57 - 64	0.011
GW 70	65 - 70	0.012



GW 76-120

Counter trough, dia. 76-120 mm

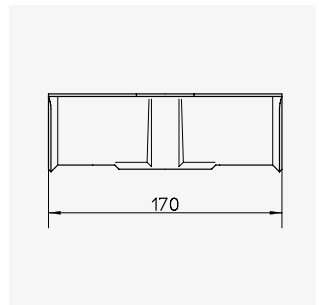
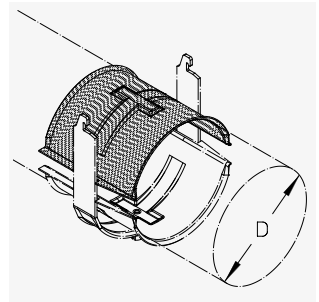
Article	D mm	G kg
Steel, pre-galvanised/Sendzimir process		
GW 76	71 - 76	0.057
GW 82	77 - 82	0.061
GW 88	83 - 88	0.066
GW 94	89 - 94	0.070
GW 100	95 - 100	0.075
GW 110	101 - 110	0.082
GW 120	111 - 120	0.089



GW 150-175

Counter trough, dia. 150-175 mm

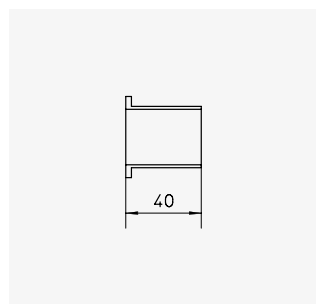
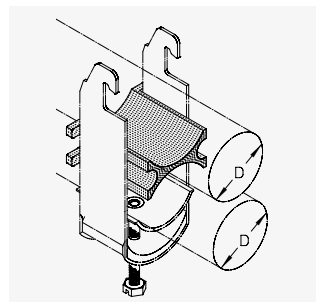
Article	D mm	G kg
Steel, hot-dip galvanised		
GW 150	121 - 150	0.487
GW 175	151 - 175	0.652



DW

Double trough

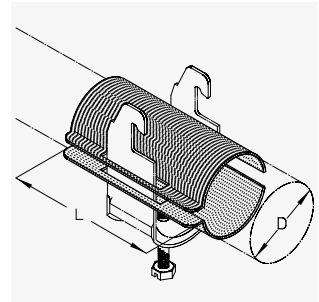
Article	D mm	G kg
polyethylen		
DW 14	9 - 14	0.001
DW 22	15 - 22	0.003
DW 30	23 - 30	0.005
DW 38	31 - 38	0.006
DW 48	39 - 48	0.009
DW 56	49 - 56	0.014



LW

Long trough

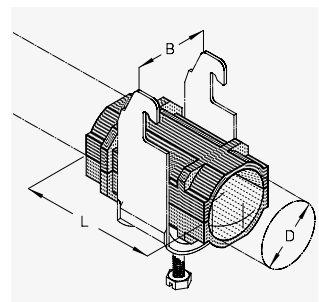
Article	D mm	G kg
Steel, pre-galvanised/Sendzimir process		
LW 12	9 - 12	0.009
LW 16	13 - 16	0.010
LW 20	17 - 20	0.012
LW 24	21 - 24	0.015
LW 28	25 - 28	0.018
LW 32	29 - 32	0.022
LW 36	33 - 36	0.023
LW 40	37 - 40	0.026
LW 44	41 - 44	0.031
LW 48	45 - 48	0.034
LW 52	49 - 52	0.036
LW 56	53 - 56	0.039
LW 60	57 - 60	0.038
LW 64	61 - 64	0.045
LW 70	65 - 70	0.048
LW 76	71 - 76	0.118
LW 82	77 - 82	0.127
LW 88	83 - 88	0.137
LW 94	89 - 94	0.146
LW 100	95 - 100	0.155
LW 110	101 - 110	0.171
LW 120	111 - 120	0.186
Stainless steel, acc. to AISI 304 (BS 304S31)		
LW 12E	9 - 12	0.009
LW 16E	13 - 16	0.010
LW 20E	17 - 20	0.013
LW 24E	21 - 24	0.015
LW 28E	25 - 28	0.018
LW 32E	29 - 32	0.022
LW 36E	33 - 36	0.024
LW 40E	37 - 40	0.026
LW 44E	41 - 44	0.031
LW 48E	45 - 48	0.034
LW 52E	49 - 52	0.037
LW 56E	53 - 56	0.040



HW

HF trough

Article	D mm	G kg
polystyrene		
HW 20-1/2	17	0.004
HW 32-7/8	29	0.010
HW 44-1 1/4	39	0.017
HW 56-1 5/8	51	0.025



Accessories

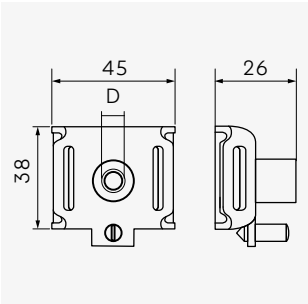
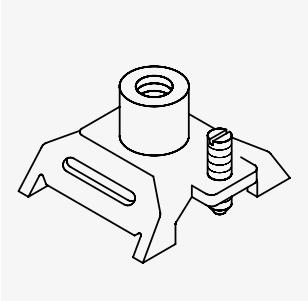
GP

Base plate

Article	D mm	G kg
Steel, hot-dip galvanised		
GP 6	6	0.062
GP	8	0.059

optional accessories

SC	Tension clamp	361
SD E	Strap	362
RGW	Reducing thread	367, 484
IK	Hexagon socket head screw, DIN 912	364, 505
IKK	Hexagon socket head screw, DIN 7984	363



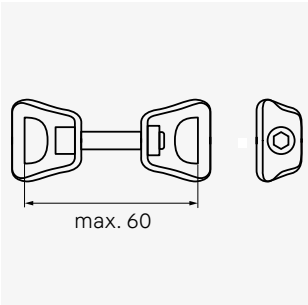
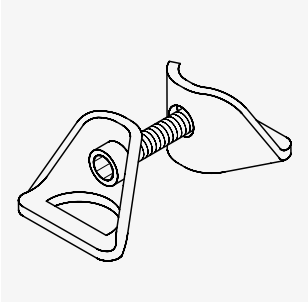
SC

Tension clamp

Article	G kg
Steel, hot-dip galvanised	
SC	0.065

optional accessories

GP	Base plate	361
SD E	Strap	362



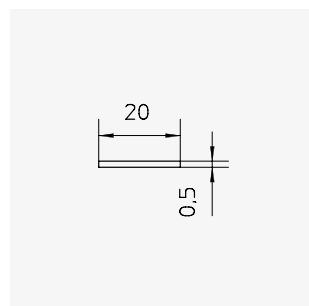
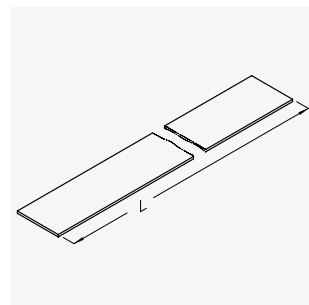
SDE

Strap

Article	B mm	L mm	P _{Zug} kN	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
SDE	20	1000	< 2.0	0.079
SDE 50M	20	50000	< 2.0	4.240

optional accessories

GP	Base plate	361
SC	Tension clamp	361



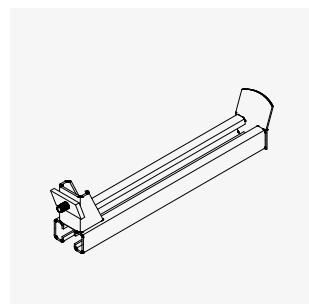
T

Crossbeam

Article	P _{max} kN	G kg
Steel, hot-dip galvanised		
T 20/AM18	3.00	0.610
T 25/AM18	2.40	0.725
T 30/AM18	2.00	0.835
T 35/AM18	1.70	0.935
T 40/AM18	1.50	1.035
T 45/AM18	1.40	1.140
T 50/AM18	1.20	1.260
T 60/AM18	1.00	1.500

optional accessories

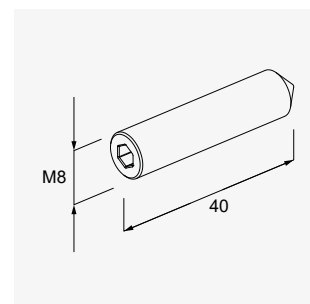
AC	Cable clamp for fastening to C profile rails	248, 257
RU	Cable clamp for fastening to round and flat profiles	346



GS

Threaded stud DIN EN ISO 4027

Article	L mm	MG	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
GS 8X40E4	40	M8	0.010

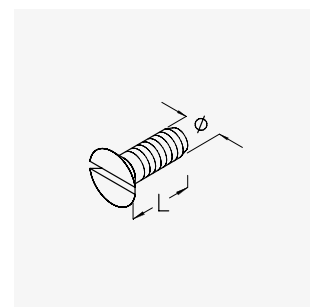


SSV

Countersunk screw, DIN 963

Article	L mm	Ø mm	G kg
steel, galvanic zinc plated			
SSV 6X10	10	6.0	0.002
SSV 6X25	25	6.0	0.005
SSV 6X40	40	6.0	0.007

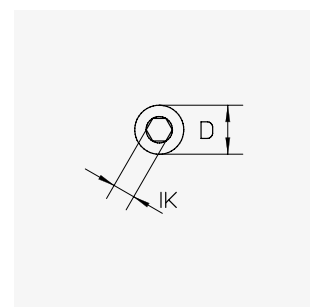
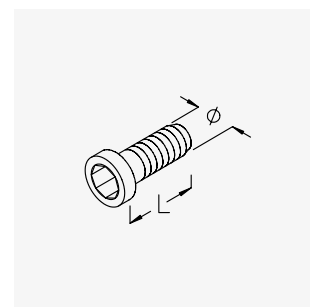
Stainless steel, acc. to AISI 304 (BS 304S31)			
SSV 6X10E	10	6.0	0.002
SSV 8X10E	10	8.0	0.005



IKK

Hexagon socket head screw, DIN 7984

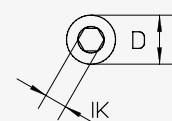
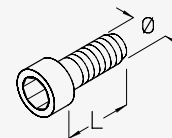
Article	L mm	D mm	Ø mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
IKK 8X10E	10	13	8.0	0.007



IK

Hexagon socket head screw, DIN 912

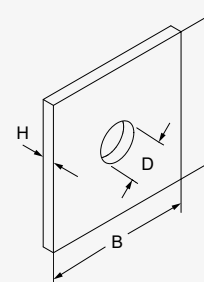
Article	L mm	D mm	Ø mm	G kg
steel, galvanic zinc plated				
IK 5X10	10	8,3	5.0	0.005
IK 5X40	40	8,3	5.0	0.019
IK 6X20	20	10.2	6.0	0.006
IK 8X20	20	13.3	8.0	0.012
IK 8X25	25	13.3	8.0	0.014
IK 8X30	30	13.3	8.0	0.015
IK 8X40	40	13.3	8.0	0.019
IK 10X20	20	16.3	10.0	0.021
IK 10X25	25	16.3	10.0	0.024
IK 10X30	30	16.3	10.0	0.026
IK 10X40	40	16.3	10.0	0.031
IK 12X20	20	18.3	12.0	0.031
IK 12X25	25	18.3	12.0	0.035
IK 12X30	30	18.3	12.0	0.038
IK 12X40	40	18.3	12.0	0.045
IK 12X50	50	18.3	12.0	0.052
Stainless steel, acc. to AISI 304 (BS 304S31)				
IK 8X10E	10	13.3	8.0	0.009
IK 8X20E	20	13.3	8.0	0.012
IK 8X25E	25	13.3	8.0	0.014
IK 8X30E	30	13.3	8.0	0.015
IK 8X40E	40	13.3	8.0	0.019
IK 8X50E	50	13.3	8.0	0.024
IK 10X20E	20	16.3	10.0	0.021
IK 10X25E	25	16.3	10.0	0.024
IK 10X30E	30	16.3	10.0	0.026
IK 10X40E	40	16.3	10.0	0.032
IK 12X20E	20	18.3	12.0	0.032
IK 12X25E	25	18.3	12.0	0.035
IK 12X30E	30	18.3	12.0	0.039
IK 12X40E	40	18.3	12.0	0.046
IK 12X50E	50	18.3	12.0	0.054



RUS 40

Washer

Article	H mm	B mm	L mm	D mm	G kg
Steel, hot-dip galvanised					
RUS 40-L7F	1	40	40	7	0.012
RUS 40-L9F	1	40	40	9	0.012



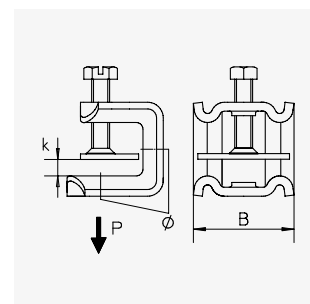
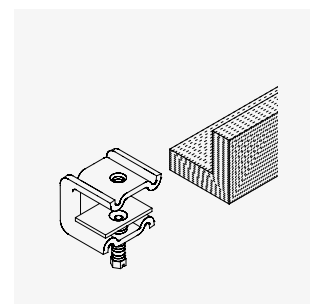
MKD

Mounting clamp

Article	B mm	Ø mm	P _{max} kN	M Nm	k mm	G kg
Steel, hot-dip galvanised						
MKD 21	44	8.0	1.50	4	6 - 21	0.190
MKD 21 M10	44	10.0	1.50	4	6 - 21	0.173
MKD 21 M6	44	6.0	1.50	4	6 - 21	0.180
MKD 40	44	8.0	1.30	4	20 - 40	0.216
Stainless steel, acc. to AISI 304 (BS 304S31)						
MKD 21E	44	8.0	1.50	4	6 - 21	0.190
MKD 21E M10	44	10.0	1.50	4	6 - 21	0.190
MKD 21E M6	44	6.0	1.50	4	6 - 21	0.165
MKD 40E	44	8.0	1.30	4	20 - 40	0.200
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)						
MKD 21E4	44	8.0	1.50	4	6 - 21	0.190
MKD 40E4	44	8.0	1.30	4	20 - 40	0.200

optional accessories

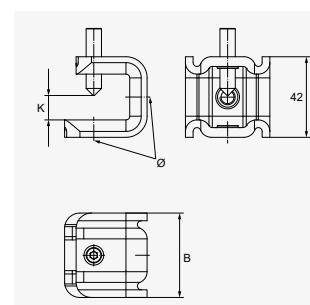
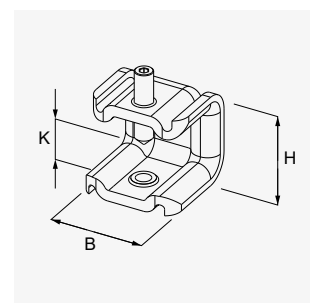
MKD-L	Connecting link	484
RGW	Reducing thread	367, 484



MKDPOT

Mounting clamp with potential equalization

Article	H mm	B mm	L mm	MG	M Nm	k mm	G kg
Steel, hot-dip galvanised							
MKDPOT 21	42	44	43	M8	4	6 - 21	0.153
MKDPOT 21 M10	42	44	43	M10	4	6 - 21	0.153
MKDPOT 21 M6	42	44	43	M6	4	6 - 21	0.153



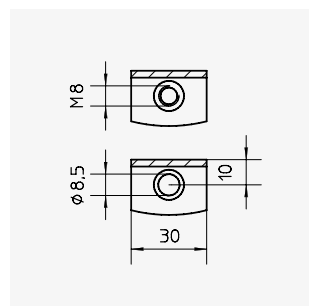
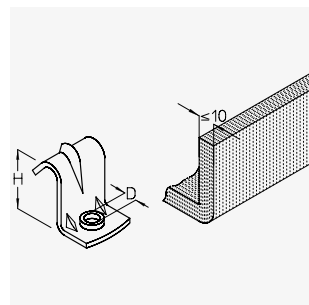
SN G

Tension hook

Article	H mm	D mm	MG	G kg
Steel, hot-dip galvanised				
SN 25 M/G	25		M8	0.041
SN 25 O/G	25	8.5		0.040
SN 35 M/G	35		M8	0.047
SN 35 O/G	35	8.5		0.048

optional accessories

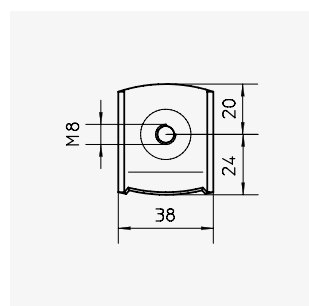
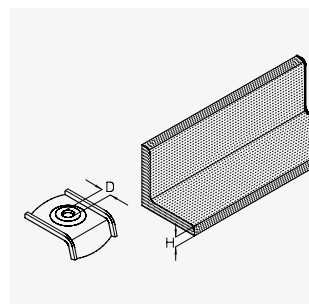
AN	Beam bracket	367,484
SK	Clamping claw	366,483



SK

Clamping claw

Article	H mm	G kg
Steel, hot-dip galvanised		
SK 4 M8	4	0.035
SK 6 M8	6	0.037
SK 8 M8	8	0.040
SK 10 M8	10	0.041
SK 12 M8	12	0.044



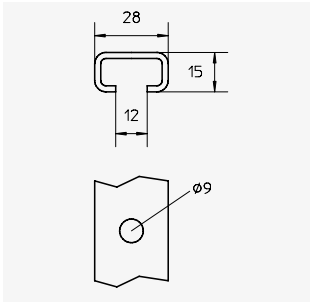
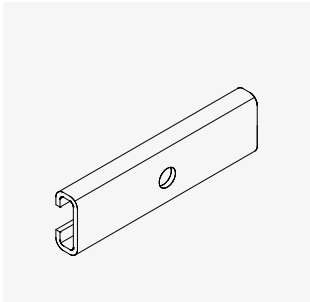
AN

Beam bracket

Article	B mm	G kg
Steel, hot-dip galvanised		
AN 100F	100	0.104

optional accessories

B	Cable clamp for fastening to C profile rails	339
SN G	Tension hook	366,483
SK	Clamping claw	366,483



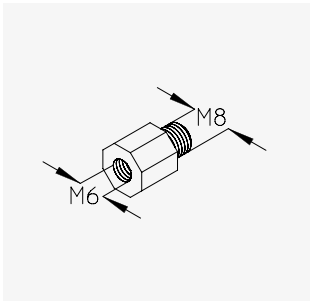
RGW

Reducing thread

Article	G kg
steel, galvanic zinc plated	
RGW 8/6	0.013
Stainless steel, acc. to AISI 304 (BS 304S31)	
RGW 8/6E	0.013

optional accessories

MKD	Mounting clamp	365,482
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Cable Support Troughs

Cable Support Troughs

370



Cable Support Troughs

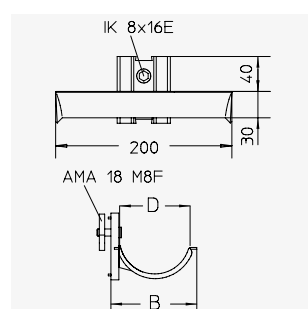
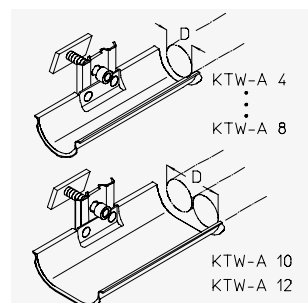
KTW-A

Cable support trough, Ø 100 mm

Article	B mm	D mm	G kg
Steel, hot-dip galvanised			
KTW-A 4	56	40	0.323
KTW-A 5	66	50	0.350
KTW-A 6	76	60	0.377
KTW-A 7	86	70	0.470
KTW-A 8	96	80	0.490
KTW-A 10	118	100	0.552
KTW-A 12	138	120	0.612

optional accessories

KHA 8	40x22 mm profile rail, perforated	464
A 8	40x22 mm profile rail, unperforated	459
KHA 7	39.5x22 mm profile rail, perforated	462
A 7	39.5x22 mm profile rail, unperforated	459



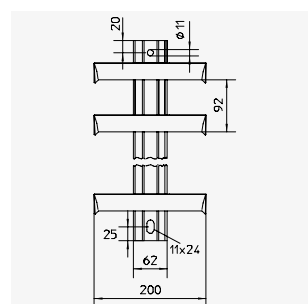
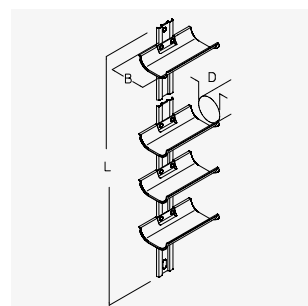
KTW-R 10

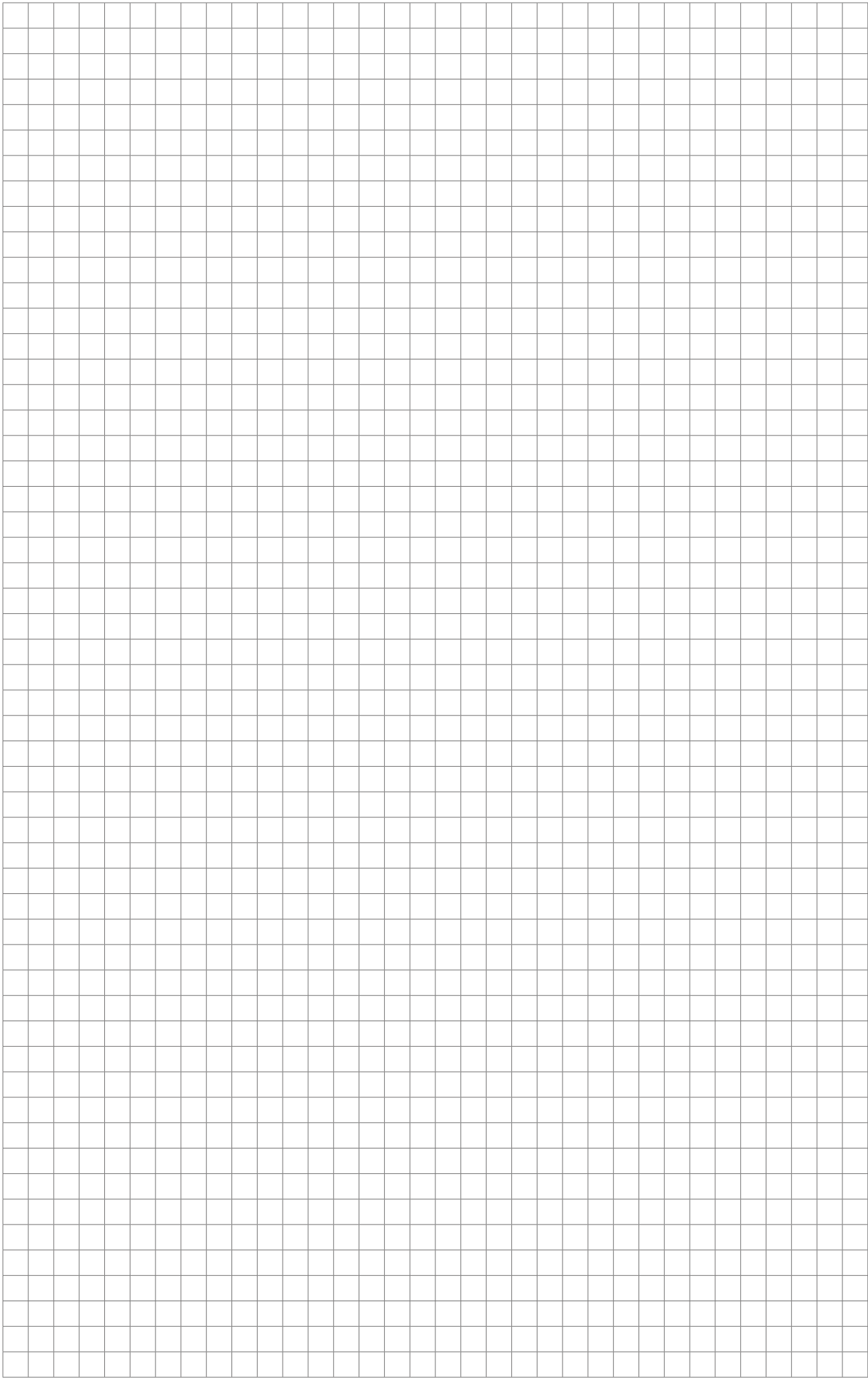
Cable support troughs, Ø 100 mm

Article	B mm	L mm	D mm	G kg
Steel, hot-dip galvanised				
KTW-R 10/2	118	237	100	1.086
KTW-R 10/3	118	329	100	1.600
KTW-R 10/4	118	421	100	2.100
KTW-R 10/5	118	518	100	2.600
KTW-R 10/6	118	605	100	3.100
KTW-R 10/7	118	698	100	3.600
KTW-R 10/8	118	789	100	4.200
KTW-R 10/9	118	881	100	4.700
KTW-R 10/10	118	973	100	5.200

optional accessories

IK	Hexagon socket head screw, DIN 912	364, 505
SA	Anchor bolt	488
SAZ	Drop-in anchor	487
SD	Expansion anchor	487
SSK	Protection cap	513







Rigid Conduits

Protection Tube Systems

374



Protection Tube Systems

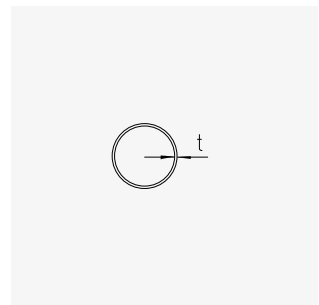
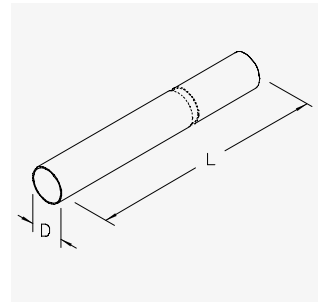
SR

Protective tube, length = 6000 mm

Article	L mm	t mm	D mm	G kg
Steel, hot-dip galvanised				
SR 30F	6000	1.50	30	6.650
SR 60F	6000	2.00	60	17.400
Stainless steel, acc. to AISI 304 (BS 304S31)				
SR 30E	6000	1.50	30	6.650
SR 60E	6000	2.00	60	17.400

optional accessories

SRM	Clamping sleeve	376
SRML	Slotted sleeve	377
SRF	Foot attachment	381
SRFW	Base bracket	382
SRMP-C	Assembly plate, 270x380 mm	381
SRMP-B	Assembly plate, 175x260 mm	380
SRMP-A	Assembly plate, 165x175 mm	380
SRS-W	Mounting clamp	379
SRS-B	Pipe bracket clamp	380
SRS-A	Anchor clamp	378
SRS-R	Tube clamp	379
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375
SRHB	Protective tube holder	378
SRHD	Protective tube holder, swivelling	377
SRK-O	End sleeve as edge protection	382
SRK-G	End cap	383



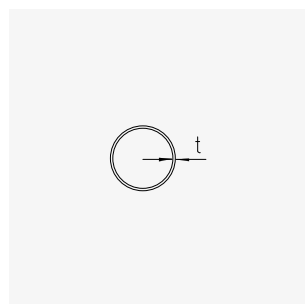
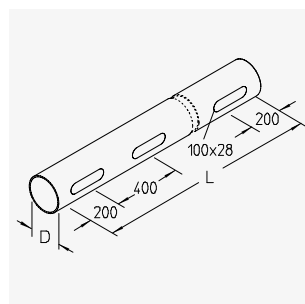
SRL

Protective tube, slit, length = 6000 mm

Article	L mm	t mm	D mm	G kg
Steel, hot-dip galvanised				
SRL 60F	6000	2.00	60	16.300
Stainless steel, acc. to AISI 304 (BS 304S31)				
SRL 60E	6000	2.00	60	16.300

optional accessories

SRM	Clamping sleeve	376
SRML	Slotted sleeve	377
SRF	Foot attachment	381
SRFW	Base bracket	382
SRMP-C	Assembly plate, 270x380 mm	381
SRMP-B	Assembly plate, 175x260 mm	380
SRMP-A	Assembly plate, 165x175 mm	380
SRS-W	Mounting clamp	379
SRS-B	Pipe bracket clamp	380
SRS-A	Anchor clamp	378
SRS-R	Tube clamp	379
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375
SRHB	Protective tube holder	378
SRHD	Protective tube holder, swivelling	377
SRK-O	End sleeve as edge protection	382
SRK-G	End cap	383
SRL-KSR 100	Edge protection ring	383



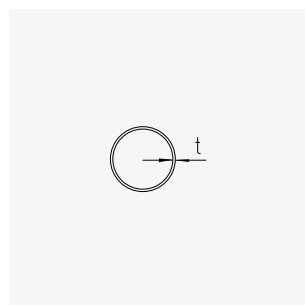
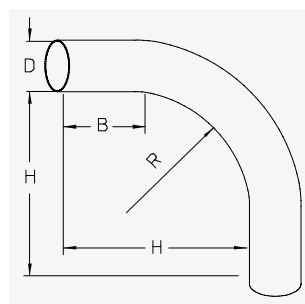
SRB 90

Bend, 90°

Article	H mm	B mm	t mm	D mm	R mm	W	G kg
Steel, hot-dip galvanised							
SRB 90-30F	185	100	1.50	30	140	90°	0.400
SRB 90-60F	225	100	2.00	60	150	90°	1.300
Stainless steel, acc. to AISI 304 (BS 304S31)							
SRB 90-30E	185	100	1.50	30	140	90°	0.400
SRB 90-60E	225	100	2.00	60	150	90°	1.300

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



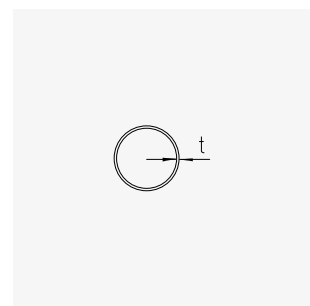
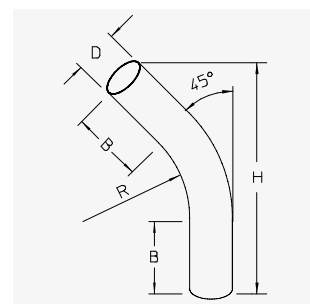
SRB 45

Bend, 45°

Article	H	B	L	t	D	R	W	G
	mm	mm	mm	mm	mm	mm		kg
Steel, hot-dip galvanised								
SRB 45-30F	270	100	6000	1.50	30	140	45°	0.300
SRB 45-60F	350	100	6000	2.00	60	150	45°	1.050
Stainless steel, acc. to AISI 304 (BS 304S31)								
SRB 45-30E	270	100		1.50	30	140	45°	0.300
SRB 45-60E	350	100		2.00	60	150	45°	1.050

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



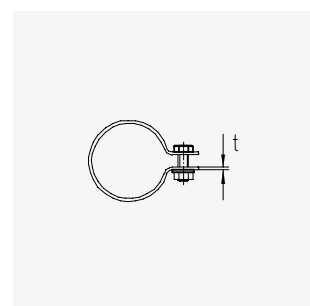
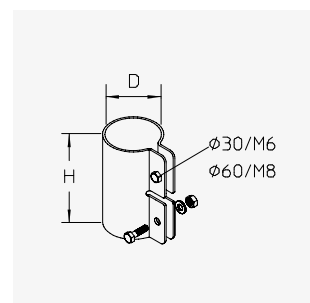
SRM

Clamping sleeve

Article	H	t	D	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
SRM 30F	80	1.50	30	0.150
SRM 60F	115	2.50	60	0.550
Stainless steel, acc. to AISI 304 (BS 304S31)				
SRM 30E	80	1.50	30	0.150
SRM 60E	115	2.50	60	0.550

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



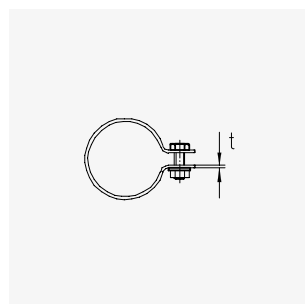
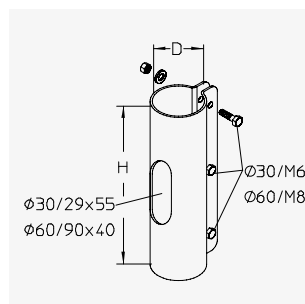
SRML

Slotted sleeve

Article	H mm	t mm	D mm	G kg
Steel, hot-dip galvanised				
SRML 30F	130	1.50	30	0.200
SRML 60F	230	2.50	60	1.050
Stainless steel, acc. to AISI 304 (BS 304S31)				
SRML 30E	130	1.50	30	0.200
SRML 60E	230	2.50	60	1.050

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



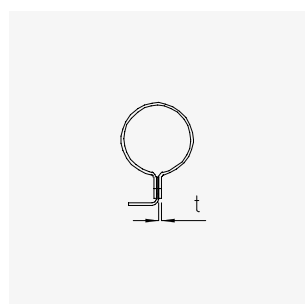
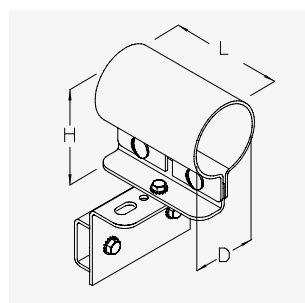
SRHD

Protective tube holder, swivelling

Article	H mm	B mm	L mm	t mm	D mm	G kg
Steel, hot-dip galvanised						
SRHD 30F	62	15	80	1.50	30	0.700
SRHD 60F	102	15	115	2.00	60	1.200
Stainless steel, acc. to AISI 304 (BS 304S31)						
SRHD 30E	62	15	80	1.50	30	0.700
SRHD 60E	102	15	115	2.00	60	1.200

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



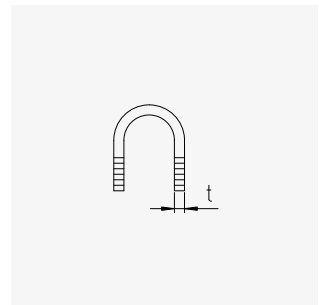
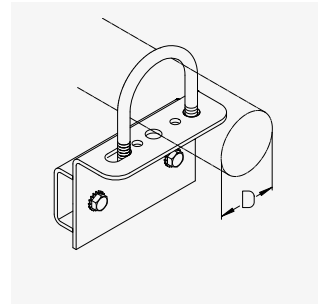
SRHB

Protective tube holder

Article	B mm	t mm	D mm	G kg
Steel, hot-dip galvanised				
SRHB 30F	6	6.00	31	0.520
SRHB 60F	10	10.00	61	0.620
Stainless steel, acc. to AISI 304 (BS 304S31)				
SRHB 30E	6	6.00	31	0.520
SRHB 60E	10	8.00	61	0.620

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



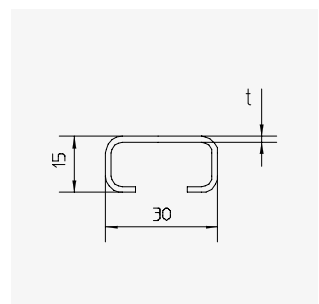
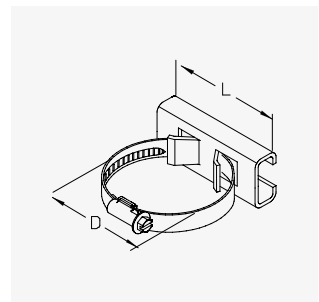
SRS-A

Anchor clamp

Article	L mm	t mm	D mm	G kg
Steel, hot-dip galvanised				
SRS-A 30F	70	1.50	30	0.060
SRS-A 60F	70	1.50	60	0.080
Stainless steel, acc. to AISI 304 (BS 304S31)				
SRS-A 30E	70	1.50	30	0.060
SRS-A 60E	70	1.50	60	0.080

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



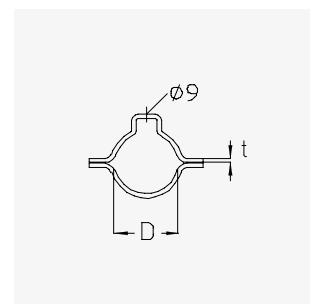
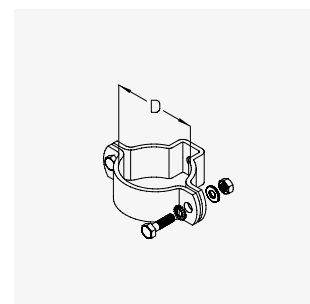
SRS-W

Mounting clamp

Article	t mm	D mm	G kg
Steel, hot-dip galvanised			
SRS-W 30F	4.00	31	0.100
SRS-W 60F	4.00	61	0.320
Stainless steel, acc. to AISI 304 (BS 304S31)			
SRS-W 30E	4.00	31	0.090
SRS-W 60E	4.00	61	0.310

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



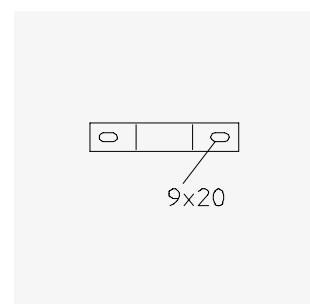
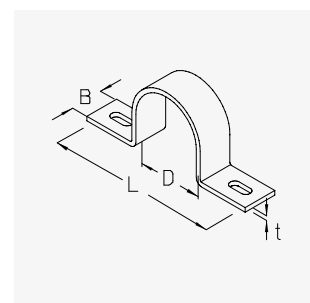
SRS-R

Tube clamp

Article	B mm	L mm	t mm	D mm	G kg
Steel, hot-dip galvanised					
SRS-R 30F	25	85	2.50	31	0.060
SRS-R 60F	30	160	4.00	61	0.220
Stainless steel, acc. to AISI 304 (BS 304S31)					
SRS-R 30E	25	85	2.50	31	0.060
SRS-R 60E	30	160	4.00	61	0.220

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



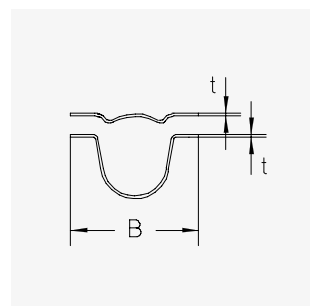
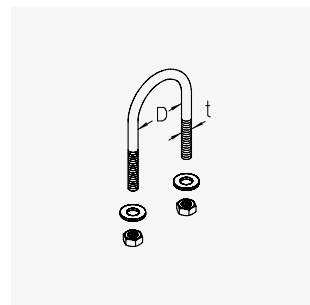
SRS-B

Pipe bracket clamp

Article	t mm	D mm	G kg
Steel, hot-dip galvanised			
SRS-B 60-10F	10.00	61	0.060
Stainless steel, acc. to AISI 304 (BS 304S31)			
SRS-B 30-6E	6.00	31	0.050
SRS-B 60-8E	8.00	61	0.160

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375
SRB 45	Bend, 45°	376
SRB 90	Bend, 90°	375



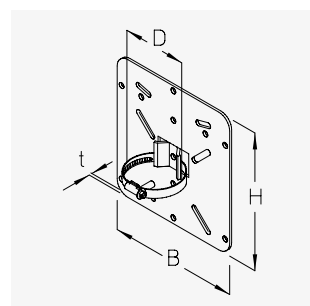
SRMP-A

Assembly plate, 165x175 mm

Article	H mm	B mm	t mm	D mm	G kg
Steel, hot-dip galvanised					
SRMP-A 30F	175	165	3.00	30	0.580
SRMP-A 60F	175	165	3.00	60	0.600
Stainless steel, acc. to AISI 304 (BS 304S31)					
SRMP-A 30E	175	165	3.00	30	0.580
SRMP-A 60E	175	165	3.00	60	0.600

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



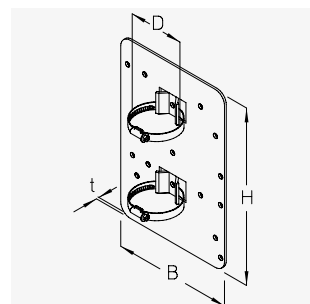
SRMP-B

Assembly plate, 175x260 mm

Article	H mm	B mm	t mm	D mm	G kg
Steel, hot-dip galvanised					
SRMP-B 30F	260	175	3.00	30	1.100
SRMP-B 60F	260	175	3.00	60	1.100
Stainless steel, acc. to AISI 304 (BS 304S31)					
SRMP-B 30E	260	175	3.00	30	1.100
SRMP-B 60E	260	175	3.00	60	1.100

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



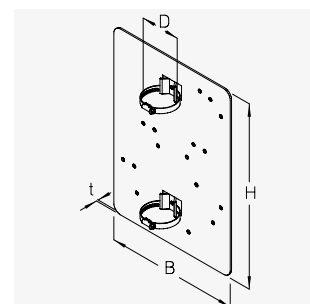
SRMP-C

Assembly plate, 270x380 mm

Article	H mm	B mm	t mm	D mm	G kg
Steel, hot-dip galvanised					
SRMP-C 60F	380	270	3.00	60	2.700
Stainless steel, acc. to AISI 304 (BS 304S31)					
SRMP-C 60E	380	270	3.00	60	2.700

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



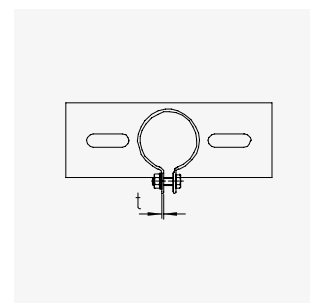
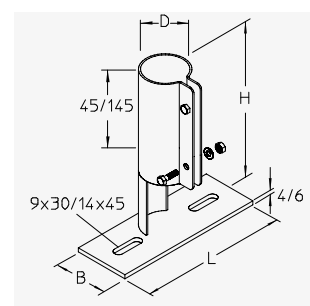
SRF

Foot attachment

Article	H mm	B mm	L mm	t mm	D mm	G kg
Steel, hot-dip galvanised						
SRF 30F	130	40	130	1.50	31	0.280
SRF 60F	230	80	220	2.50	61	1.750
Stainless steel, acc. to AISI 304 (BS 304S31)						
SRF 30E	130	40	130	1.50	31	0.280
SRF 60E	230	80	220	2.50	61	1.750

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



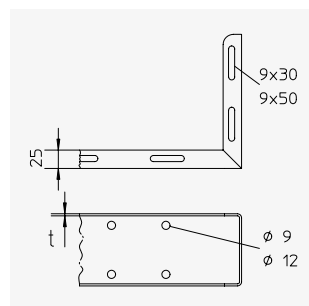
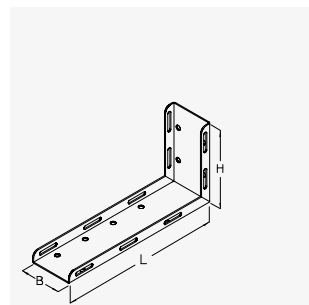
SRFW

Base bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
SRFW 30F	100	60	200	2.00	0.520
SRFW 60F	200	100	400	3.00	1.950
Stainless steel, acc. to AISI 304 (BS 304S31)					
SRFW 30E	100	60	200	2.00	0.520
SRFW 60E	200	100	400	3.00	1.950

optional accessories

SRS-B	Pipe bracket clamp	380
SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



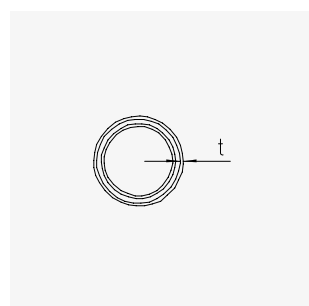
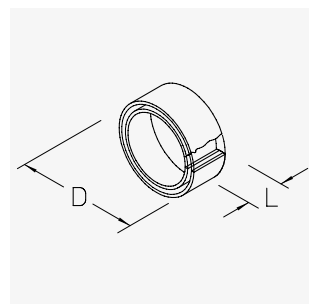
SRK-O

End sleeve as edge protection

Article	L	t	D	G
	mm	mm	mm	kg
Polyvinyl chloride				
SRK-O 30	25	2.00	30	0.010
SRK-O 60	25	2.00	60	0.020

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



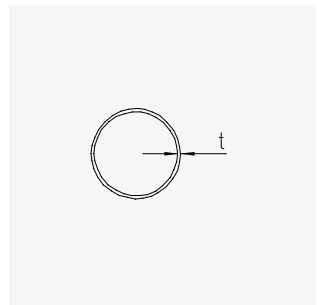
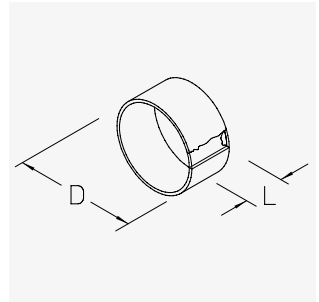
SRK-G

End cap

Article	L mm	t mm	D mm	G kg
Polyvinyl chloride				
SRK-G 30	30	2.00	30	0.010
SRK-G 60	35	2.00	60	0.020

optional accessories

SR	Protective tube, length = 6000 mm	374
SRL	Protective tube, slit, length = 6000 mm	375



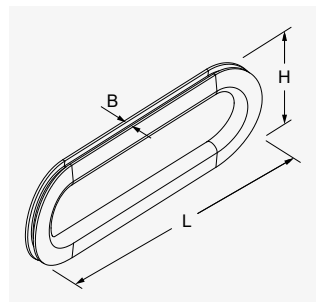
SRL-KSR 100

Edge protection ring

Article	H mm	B mm	L mm	G kg
Polyvinyl chloride				
SRL-KSR 100	28	2	100	0.016

optional accessories

SRL	Protective tube, slit, length = 6000 mm	375
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Marine Cable Ladders

Marine Cable Ladders	386
Fittings	388
Accessories	392



Marine Cable Ladders

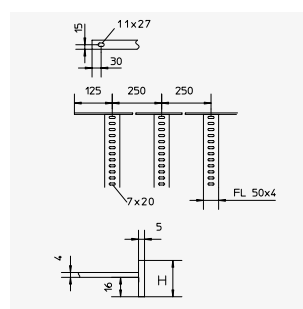
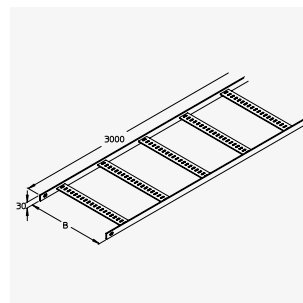
SKL

Marine cable ladder, height = 30 mm

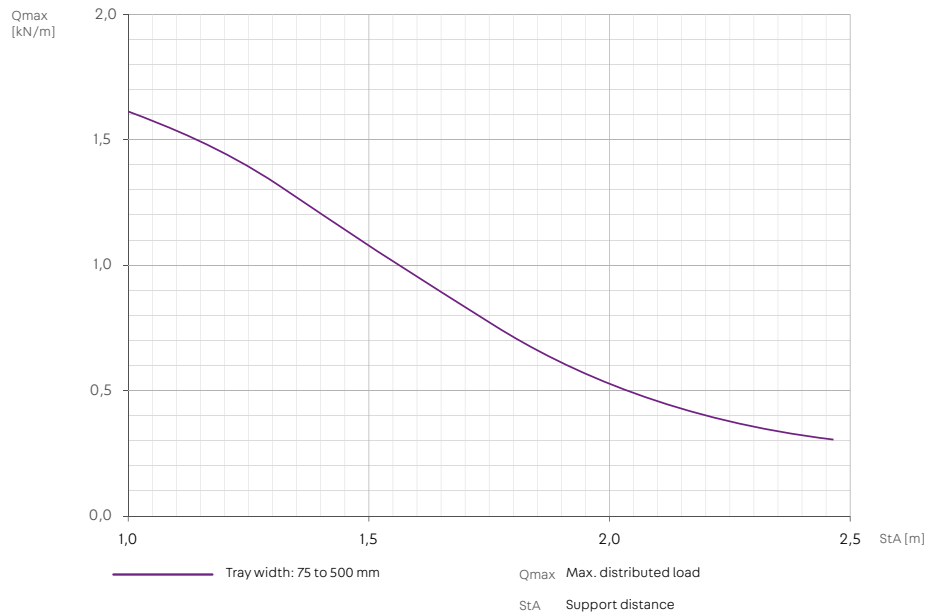
Article	H mm	B mm	L mm	G kg
steel, bright				
SKL 075B	30	75	3000	8.400
SKL 100B	30	100	3000	8.900
SKL 150B	30	150	3000	9.700
SKL 200B	30	200	3000	10.600
SKL 250B	30	250	3000	11.400
SKL 300B	30	300	3000	12.300
SKL 400B	30	400	3000	14.000
SKL 500B	30	500	3000	15.700
Steel, hot-dip galvanised				
SKL 075F	30	75	3000	8.400
SKL 100F	30	100	3000	8.900
SKL 150F	30	150	3000	9.700
SKL 200F	30	200	3000	10.600
SKL 250F	30	250	3000	11.400
SKL 300F	30	300	3000	12.300
SKL 400F	30	400	3000	14.000
SKL 500F	30	500	3000	15.700
weld primed				
SKL 075M	30	75	3000	8.400
SKL 100M	30	100	3000	8.900
SKL 150M	30	150	3000	9.700
SKL 200M	30	200	3000	10.600
SKL 250M	30	250	3000	11.400
SKL 300M	30	300	3000	12.300
SKL 400M	30	400	3000	14.000
SKL 500M	30	500	3000	15.700

optional accessories

SLW	Marine cable ladder bracket	393
SLV	Marine cable ladder connectors	392
SLVV	Marine cable ladder vertical connectors	392



Load diagram SKL



Fittings

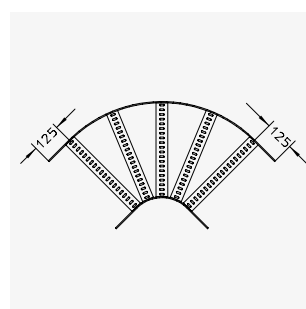
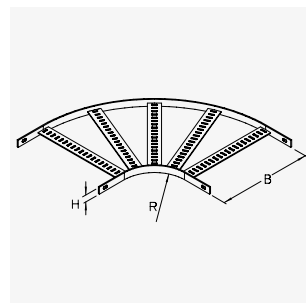
SLB

Marine cable ladder bend, height = 30 mm

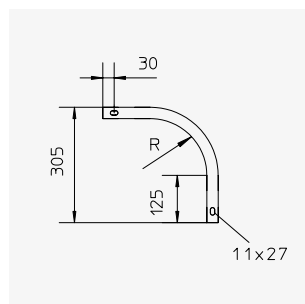
Article	H mm	B mm	R mm	W	G kg
steel, bright					
SLB 075B	30	75	100	90°	1.450
SLB 100B	30	100	100	90°	1.600
SLB 150B	30	150	100	90°	1.900
SLB 200B	30	200	100	90°	2.200
SLB 250B	30	250	100	90°	2.520
SLB 300B	30	300	150	90°	3.450
SLB 400B	30	400	150	90°	4.200
SLB 500B	30	500	200	90°	5.900
Steel, hot-dip galvanised					
SLB 075F	30	75	100	90°	1.450
SLB 100F	30	100	100	90°	1.600
SLB 150F	30	150	100	90°	1.900
SLB 200F	30	200	100	90°	2.200
SLB 250F	30	250	100	90°	2.520
SLB 300F	30	300	150	90°	3.450
SLB 400F	30	400	150	90°	4.200
SLB 500F	30	500	200	90°	5.900
weld primed					
SLB 075M	30	75	100	90°	1.450
SLB 100M	30	100	100	90°	1.600
SLB 150M	30	150	100	90°	1.900
SLB 200M	30	200	100	90°	2.200
SLB 250M	30	250	100	90°	2.520
SLB 300M	30	300	150	90°	3.450
SLB 400M	30	400	150	90°	4.200
SLB 500M	30	500	200	90°	5.900

optional accessories

SLW	Marine cable ladder bracket	393
SLV	Marine cable ladder connectors	392
SLVV	Marine cable ladder vertical connectors	392



Marine cable ladder, riser, height = 30 mm



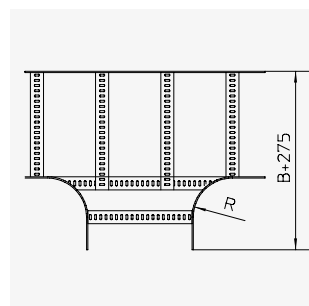
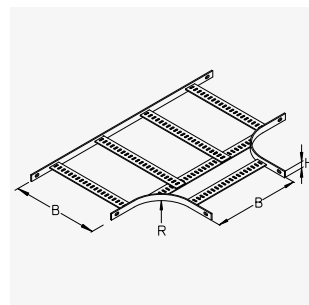
SLA

Marine cable ladder tee, height = 30 mm

Article	H mm	B mm	R mm	G kg
steel, bright				
SLA 075B	30	75	100	2.260
SLA 100B	30	100	100	2.470
SLA 150B	30	150	100	2.900
SLA 200B	30	200	100	3.300
SLA 250B	30	250	100	3.720
SLA 300B	30	300	150	4.500
SLA 400B	30	400	150	5.330
SLA 500B	30	500	200	6.600
Steel, hot-dip galvanised				
SLA 075F	30	75	100	2.260
SLA 100F	30	100	100	2.470
SLA 150F	30	150	100	2.900
SLA 200F	30	200	100	3.300
SLA 250F	30	250	100	3.720
SLA 300F	30	300	100	4.500
SLA 400F	30	400	150	5.330
SLA 500F	30	500	200	6.600
weld primed				
SLA 075M	30	75	100	2.260
SLA 100M	30	100	100	2.470
SLA 150M	30	150	100	2.900
SLA 200M	30	200	100	3.300
SLA 250M	30	250	100	3.720
SLA 300M	30	300	150	4.500
SLA 400M	30	400	150	5.330
SLA 500M	30	500	200	6.600

optional accessories

SLW	Marine cable ladder bracket	393
SLV	Marine cable ladder connectors	392
SLVV	Marine cable ladder vertical connectors	392



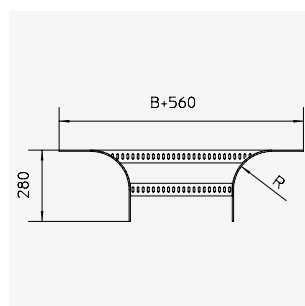
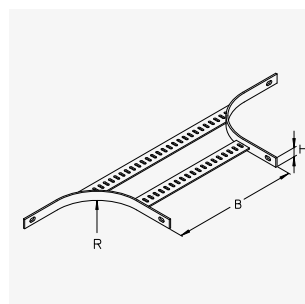
SLAA

Marine cable ladder add-on tee, height = 30 mm

Article	H mm	B mm	R mm	G kg
steel, bright				
SLAA 075B	30	75	100	1.300
SLAA 100B	30	100	100	1.380
SLAA 150B	30	150	100	1.520
SLAA 200B	30	200	100	1.660
SLAA 250B	30	250	100	1.800
SLAA 300B	30	300	150	2.200
SLAA 400B	30	400	150	2.500
SLAA 500B	30	500	200	3.100
Steel, hot-dip galvanised				
SLAA 075F	30	75	100	1.300
SLAA 100F	30	100	100	1.380
SLAA 150F	30	150	100	1.520
SLAA 200F	30	200	100	1.660
SLAA 250F	30	250	100	1.800
SLAA 300F	30	300	150	2.200
SLAA 400F	30	400	150	2.500
SLAA 500F	30	500	200	3.100
weld primed				
SLAA 075M	30	75	100	1.300
SLAA 100M	30	100	100	1.380
SLAA 150M	30	150	100	1.520
SLAA 200M	30	200	100	1.660
SLAA 250M	30	250	100	1.800
SLAA 300M	30	300	150	2.200
SLAA 400M	30	400	150	2.500
SLAA 500M	30	500	200	3.100

optional accessories

SLW	Marine cable ladder bracket	393
SLV	Marine cable ladder connectors	392
SLVV	Marine cable ladder vertical connectors	392
KLS	Clamp fastening set	477

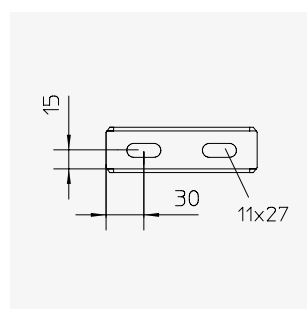
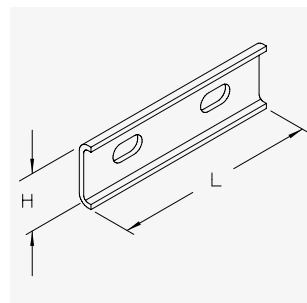


Accessories

SLV

Marine cable ladder connectors

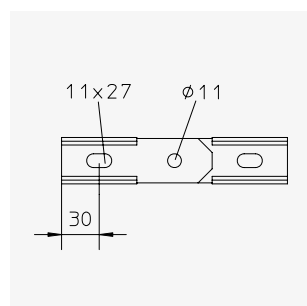
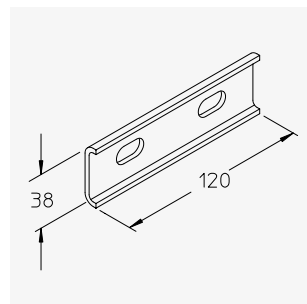
Article	H mm	B mm	G kg
steel, bright			
SLV B	38	120	0.100
Steel, hot-dip galvanised			
SLV F	38	120	0.170
weld primed			
SLV M	38	120	0.000



SLVV

Marine cable ladder vertical connectors

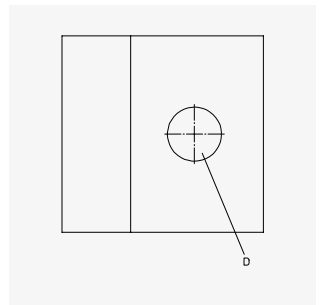
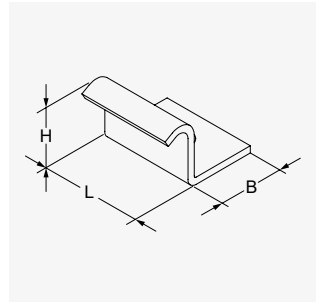
Article	H mm	B mm	G kg
steel, bright			
SLVV B	38	180	0.300
Steel, hot-dip galvanised			
SLVV F	38	180	0.304
weld primed			
SLVV M	38	180	0.000



SLW

Marine cable ladder bracket

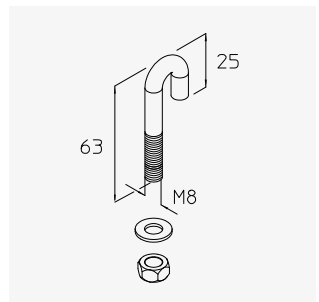
Article	H	B	L	R	G
	mm	mm	mm	mm	kg
steel, bright					
SLW 10B	27	31	40	11	0.089
SLW 7B	27	31	40	7	0.063
Steel, hot-dip galvanised					
SLW 10F	27	31	40	11	0.089
SLW 7F	27	31	40	7	0.063
weld primed					
SLW 10M	27	31	40	11	0.089
SLW 7M	27	31	40	7	0.063



SLF

Marine cable ladder hook

Article	G
	kg
Stainless steel, acc. to AISI 304 (BS 304S31)	
SLF E	0.033





Wall Brackets	396
Ceiling Fixed Brackets	405
Centre Suspensions	407
W-Profile System	409
U-Profile System	412
I-Profile System	434
STRUT Mounting System	445
C-Profiles	458

Wall Brackets

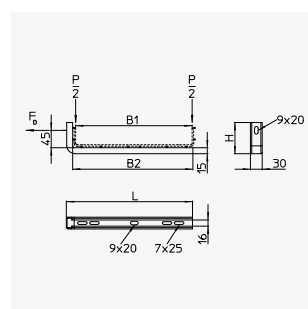
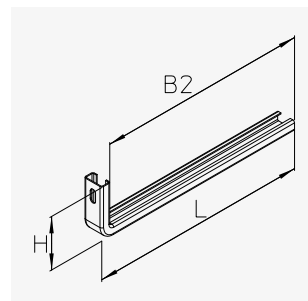
KWLL

Wall bracket, light-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process							
KWLL 010S	80	100	110	125	0.30	2.00	0.128
KWLL 020S	80	200	210	225	0.30	3.00	0.198
KWLL 030S	80	300	310	325	0.30	4.00	0.268
Stainless steel, acc. to AISI 304 (BS 304S31)							
KWLL 010E	80	100	110	125	0.30	2.00	0.128
KWLL 020E	80	200	210	225	0.30	3.00	0.198
KWLL 030E	80	300	310	325	0.30	4.00	0.268

optional accessories

SD	Expansion anchor	487
KLR	Clamp fastening set	477



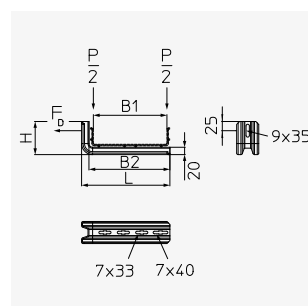
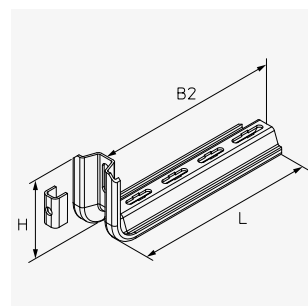
KSLW

Wall bracket, light-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process							
KSLW 010S	90	100	120	145	1.30	2.80	0.390
KSLW 015S	90	150	170	195	1.00	3.40	0.470
KSLW 020S	90	200	220	245	0.90	4.10	0.560
KSLW 025S	90	250	270	295	0.70	4.80	0.640
KSLW 030S	90	300	320	345	0.60	5.50	0.720
KSLW 040S	90	400	420	445	0.50	6.90	0.890
Steel, hot-dip galvanised							
KSLW 010F	90	100	120	145	1.30	2.80	0.410
KSLW 015F	90	150	170	195	1.00	3.40	0.500
KSLW 020F	90	200	220	245	0.90	4.10	0.590
KSLW 025F	90	250	270	295	0.70	4.80	0.680
KSLW 030F	90	300	320	345	0.60	5.50	0.760
KSLW 040F	90	400	420	445	0.50	6.90	0.950

optional accessories

SD	Expansion anchor	487
KLRL	Clamp fastening set, long	477
KLU	Clamp fastening set	119,481
KSL-SP	Spacer	411



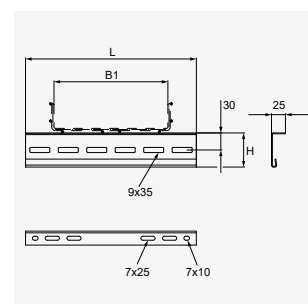
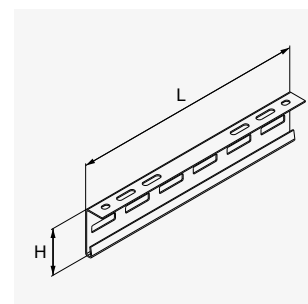
KWW

Wall bracket, standard-duty

Article	H mm	B1 mm	L mm	G kg
Steel, hot-dip galvanised				
KWW 020F	60	100	200	0.226
KWW 030F	60	200	300	0.344
KWW 040F	60	300	400	0.462
KWW 050F	60	400	500	0.580
KWW 060F	60	500	600	0.698
KWW 070F	60	600	700	0.816
KWW 080F	60	700	800	0.935

optional accessories

SD	Expansion anchor	487
KLU	Clamp fastening set	119, 481
KLR	Clamp fastening set	477
GB	Threaded rod, DIN 976-1	492



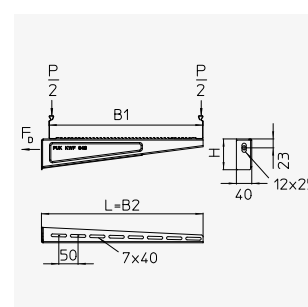
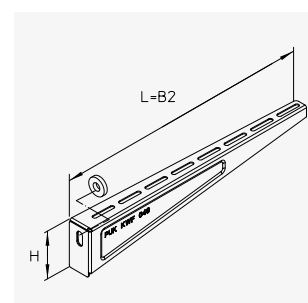
KWF

Wall/strut bracket, light-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process							
KWF 005S	55	50	70	70	1.20	1.61	0.086
KWF 010S	80	100	120	120	1.20	1.58	0.210
KWF 020S	80	200	220	220	1.20	2.33	0.286
KWF 030S	80	300	320	320	1.20	3.15	0.432
KWF 040S	80	400	420	420	1.20	3.99	0.497
Steel, hot-dip galvanised							
KWF 010F	80	100	120	120	1.20	1.58	0.224
KWF 020F	80	200	220	220	1.20	2.33	0.305
KWF 030F	80	300	320	320	1.20	3.15	0.461
KWF 040F	80	400	420	420	1.20	3.99	0.531

optional accessories

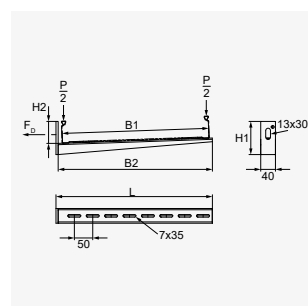
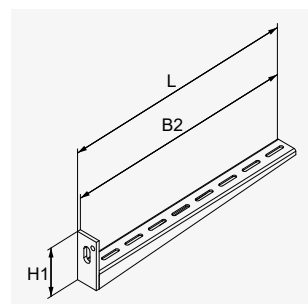
KDU 57	Bracket support, 57x30 mm	415
KHU 57	Bracket support, 57x30 mm	421
KDU 40	Bracket support, 40x30 mm	413
KHU 40	Bracket support, 40x30 mm	419
KLU	Clamp fastening set	119, 481
KLR	Clamp fastening set	477



KWFL

Wall / strut bracket, shallow

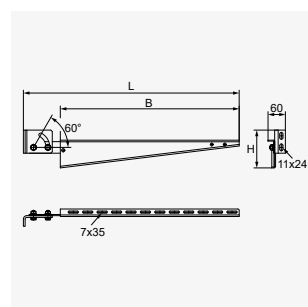
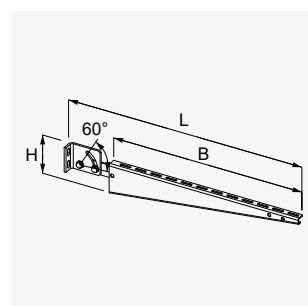
Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KWFL 010F	70	100	120	125	2.05	1.93	0.259
KWFL 020F	70	200	220	225	1.64	2.92	0.395
KWFL 030F	90	300	320	325	1.55	2.85	0.592
KWFL 040F	90	400	420	425	1.47	3.55	0.768
KWFL 050F	110	500	520	527	1.29	3.37	1.057
KWFL 060F	110	600	620	627	1.05	4.50	1.273
steel, galvanic zinc plated							
KWFL 010GV	70	100	120	125	2.05	1.93	0.242
KWFL 020GV	70	200	220	225	1.64	2.92	0.369
KWFL 030GV	90	300	320	325	1.55	2.85	0.553
KWFL 040GV	90	400	420	425	1.47	3.55	0.718
KWFL 050GV	110	500	520	527	1.29	3.37	0.988
KWFL 060GV	110	600	620	627	1.05	4.50	1.190
Stainless steel, acc. to AISI 304 (BS 304S31)							
KWFL 010E	70	100	120	125	2.05	1.93	0.246
KWFL 020E	70	200	220	225	1.64	2.92	0.375
KWFL 030E	90	300	320	325	1.55	2.85	0.559
KWFL 040E	90	400	420	425	1.47	3.55	0.726
KWFL 050E	110	500	520	527	1.29	3.37	1.015
KWFL 060E	110	600	620	627	1.05	4.50	1.219



KWD

Swivel bracket

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
KWD 020F	80	60	350	0.973
KWD 030F	80	60	450	1.075
KWD 040F	110	60	550	1.396
KWD 050F	130	60	650	1.824
KWD 060F	130	60	750	2.049



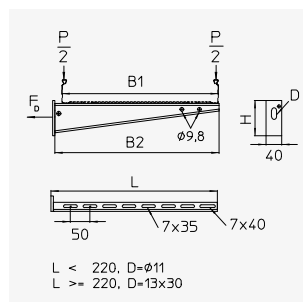
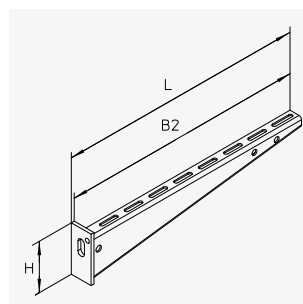
KW

Wall/strut bracket, standard

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KW 010F	45	100	120	124	1.40	3.10	0.130
KW 015F	45	150	170	174	1.40	4.10	0.165
KW 020F	70	200	220	225	2.00	3.00	0.320
KW 030F	70	300	320	326	2.00	4.00	0.438
KW 040F	90	400	420	426	2.40	3.60	0.751
KW 050F	110	500	520	528	2.10	3.40	1.325
KW 060F	110	600	620	628	2.10	4.00	1.548
KW 070F	110	700	720	728	3.00	5.68	2.268
steel, galvanic zinc plated							
KW 010GV	45	100	120	124	1.40	3.10	0.120
KW 020GV	70	200	220	225	2.00	3.00	0.299
KW 030GV	70	300	320	326	2.00	4.00	0.409
KW 040GV	90	400	420	426	2.40	3.60	0.702
KW 050GV	110	500	520	528	2.10	3.40	1.238
KW 060GV	110	600	620	628	2.10	4.00	1.447
KW 070GV	110	700	720	728	3.00	5.68	2.120
Stainless steel, acc. to AISI 304 (BS 304S31)							
KW 010E	45	100	120	124	1.50	3.10	0.150
KW 015E	45	150	170	174	1.50	4.10	0.250
KW 020E	70	200	220	225	1.50	3.00	0.305
KW 030E	70	300	320	326	1.50	4.00	0.418
KW 040E	90	400	420	426	2.20	3.60	0.723
KW 050E	110	500	520	528	2.20	3.40	1.082
KW 060E	110	600	620	628	2.20	4.00	1.248
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
KW 010E4	45	100	120	124	1.50	3.10	0.150
KW 015E4	45	150	170	174	1.50	4.10	0.250
KW 020E4	70	200	220	225	1.50	3.00	0.307
KW 030E4	70	300	320	326	1.50	4.00	0.423
KW 040E4	90	400	420	426	2.20	3.60	0.733
KW 050E4	110	500	520	528	2.20	3.40	1.096
KW 060E4	110	600	620	628	2.20	4.00	1.264

optional accessories

SD	Expansion anchor	487
KDU 57	Bracket support, 57x30 mm	415
KHU 57	Bracket support, 57x30 mm	421
KLU	Clamp fastening set	119, 481
KLR	Clamp fastening set	477
RP	Back plate for wall bracket KW/KWF	485



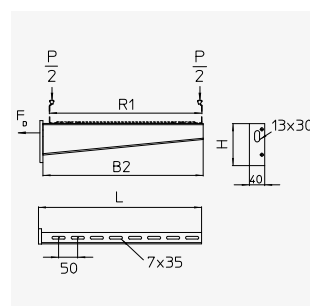
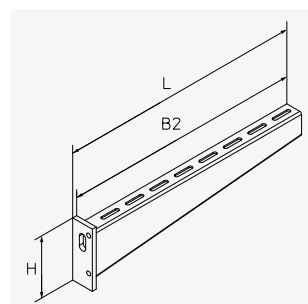
KWMS

Wall/strut bracket, medium-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KWMS 010F	110	100	120	128	3.80	1.36	0.530
KWMS 020F	110	200	220	228	3.80	1.81	0.760
KWMS 030F	110	300	320	328	3.80	2.32	0.990
KWMS 040F	110	400	420	428	3.80	2.86	1.210
KWMS 050F	110	500	520	528	3.80	3.42	1.430
KWMS 060F	110	600	620	628	3.80	3.99	1.650
steel, galvanic zinc plated							
KWMS 010GV	110	100	120	128	3.80	1.36	0.495
KWMS 020GV	110	200	220	228	3.80	1.81	0.710
KWMS 030GV	110	300	320	328	3.80	2.32	0.925
KWMS 040GV	110	400	420	428	3.80	2.86	1.130
KWMS 050GV	110	500	520	528	3.80	3.42	1.336
KWMS 060GV	110	600	620	628	3.80	3.99	1.542
Stainless steel, acc. to AISI 304 (BS 304S31)							
KWMS 010E	110	100	120	128	3.80	1.36	0.510
KWMS 020E	110	200	220	228	3.80	1.81	0.730
KWMS 030E	110	300	320	328	3.80	2.32	0.940
KWMS 040E	110	400	420	428	3.80	2.86	1.160
KWMS 050E	110	500	520	528	3.80	3.42	1.370
KWMS 060E	110	600	620	628	3.80	3.99	1.580
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
KWMS 010E4	110	100	120	128	3.80	1.36	0.520
KWMS 020E4	110	200	220	228	3.80	1.81	0.740
KWMS 030E4	110	300	320	328	3.80	2.32	0.950
KWMS 040E4	110	400	420	428	3.80	2.86	1.170
KWMS 050E4	110	500	520	528	3.80	3.42	1.380
KWMS 060E4	110	600	620	628	3.80	3.99	1.600

optional accessories

KDU 57	Bracket support, 57x30 mm	415
KHU 57	Bracket support, 57x30 mm	421
KDU 60	Bracket support, heavy duty, 60x40 mm	417
KHU 60	Bracket support, heavy duty, 60x40 mm	423
SD	Expansion anchor	487
KLU	Clamp fastening set	119, 481
KLR	Clamp fastening set	477
RP	Back plate for wall bracket KW/KWF	485



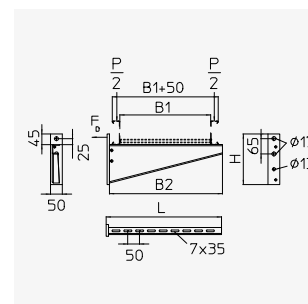
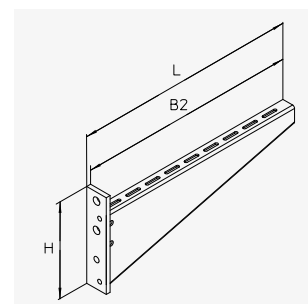
KWS

Wall/strut bracket, heavy-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KWS 020F	215	200	280	290	7.00	1.31	2.040
KWS 030F	215	300	380	390	6.70	1.49	2.400
KWS 040F	215	400	480	490	6.50	1.69	2.780
KWS 050F	215	500	580	592	6.30	1.91	3.320
KWS 060F	215	600	680	692	6.10	2.13	3.680
KWS 070F	215	700	780	792	5.20	2.60	4.040
KWS 080F	215	800	880	892	4.40	3.07	4.410
KWS 090F	215	900	980	992	3.60	3.56	4.770
KWS 100F	215	1000	1080	1092	2.80	4.06	5.140
Stainless steel, acc. to AISI 304 (BS 304S31)							
KWS 020E	215	200	280	290	7.00	1.31	1.920
KWS 030E	215	300	380	390	6.70	1.49	2.260
KWS 040E	215	400	480	490	6.50	1.69	2.610
KWS 050E	215	500	580	590	6.30	1.91	2.950
KWS 060E	215	600	680	690	6.10	2.13	3.290
KWS 070E	215	700	780	790	5.20	2.60	3.640
KWS 080E	215	800	880	890	4.40	3.07	3.970
KWS 090E	215	900	980	990	3.60	3.56	4.320
KWS 100E	215	1000	1080	1090	2.80	4.06	4.670
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)							
KWS 020E4	215	200	280	290	7.00	1.31	1.920
KWS 030E4	215	300	380	390	6.70	1.49	2.260
KWS 040E4	215	400	480	490	6.50	1.69	2.610
KWS 050E4	215	500	580	590	6.30	1.91	2.950
KWS 060E4	215	600	680	690	6.10	2.13	3.290
KWS 070E4	215	700	780	790	5.20	2.60	3.640
KWS 080E4	215	800	880	890	4.40	3.07	3.970
KWS 090E4	215	900	980	990	3.60	3.56	4.320
KWS 100E4	215	1000	1080	1090	2.80	4.06	4.670

optional accessories

SD	Expansion anchor	487
KDU 57	Bracket support, 57x30 mm	415
KHU 57	Bracket support, 57x30 mm	421
KLU	Clamp fastening set	119, 481
WPHS-K	Wide-span rail support (bracket)	217
KDU 60	Bracket support, heavy duty, 60x40 mm	417
KHU 60	Bracket support, heavy duty, 60x40 mm	423
KLR	Clamp fastening set	477
WLHS	Wide-span cable ladder rail support	219
WLKL	Wide-span cable ladder hold-down clamp	220



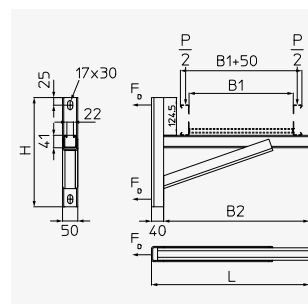
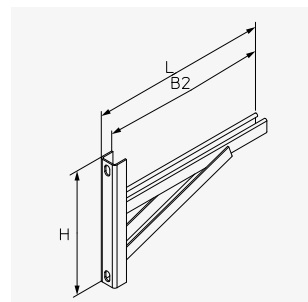
KWSS

Wall/strut bracket, extra heavy-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KWSS 020F	290	200	280	320	10.00	0.76	2.530
KWSS 030F	320	300	380	420	10.00	0.86	3.310
KWSS 040F	360	400	480	520	10.00	0.91	4.120
KWSS 050F	390	500	580	620	10.00	0.97	4.900
KWSS 060F	360	600	680	720	10.00	1.26	5.450
KWSS 070F	390	700	780	820	10.00	1.44	6.220
KWSS 080F	425	800	880	920	10.00	1.56	7.020
KWSS 090F	455	900	980	1020	10.00	1.66	7.790
KWSS 100F	490	1000	1080	1120	10.00	1.72	8.590

optional accessories

SD	Expansion anchor	487
WPHS-A	Wide-span rail support (profile rail)	218
VAB-HB	Shear connector rod, concrete	489
VAS-AS	Shear connector rod, stone	490
WLHS	Wide-span cable ladder rail support	219
WLKLA	Wide-span cable ladder hold-down clamp	220



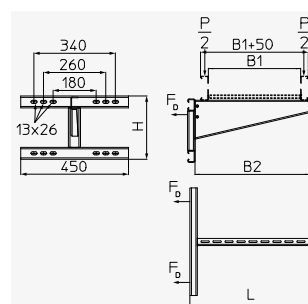
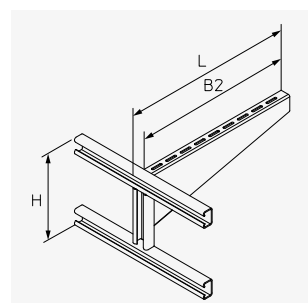
KIS

Wall bracket, heavy-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KIS 020F	265	200	280	310	7.00	0.66	3.070
KIS 030F	265	300	380	410	6.70	0.76	3.440
KIS 040F	265	400	480	510	6.50	0.86	3.820
KIS 050F	265	500	580	610	6.30	0.97	4.200
KIS 060F	265	600	680	710	6.10	1.09	4.580
KIS 070F	265	700	780	810	5.20	1.33	4.960
KIS 080F	265	800	880	910	4.40	1.57	5.330
KIS 090F	265	900	980	1010	3.60	1.83	5.710
KIS 100F	265	1000	1080	1110	2.80	2.08	6.090

optional accessories

SKS H	Beam clamp set	479
WPHS-K	Wide-span rail support (bracket)	217
WLHS	Wide-span cable ladder rail support	219
WLKL	Wide-span cable ladder hold-down clamp	220



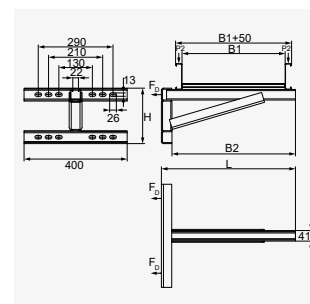
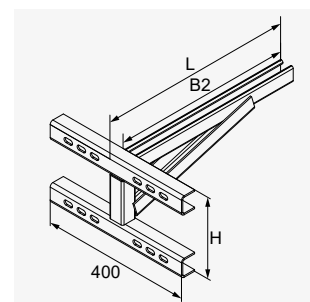
KISS

Wall bracket, extra heavy-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KISS 020F	141	200	280	321	10.00	0.93	4.610
KISS 030F	185	300	380	420	10.00	0.91	5.390
KISS 040F	215	400	480	520	10.00	0.92	6.150
KISS 050F	250	500	580	620	10.00	0.92	6.930
KISS 060F	280	600	680	720	10.00	0.92	7.720
KISS 070F	315	700	780	820	10.00	0.99	8.090
KISS 080F	345	800	880	920	10.00	1.06	9.260
KISS 090F	380	900	980	1020	10.00	1.10	10.010
KISS 100F	410	1000	1080	1120	10.00	1.15	10.780

optional accessories

SKS M	Beam clamp set	480
WPHS-A	Wide-span rail support (profile rail)	218
WLHS	Wide-span cable ladder rail support	219
WLKLA	Wide-span cable ladder hold-down clamp	220



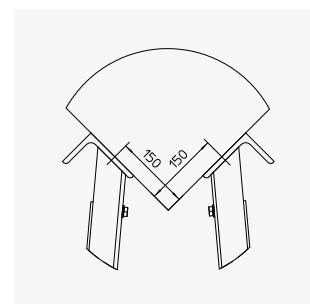
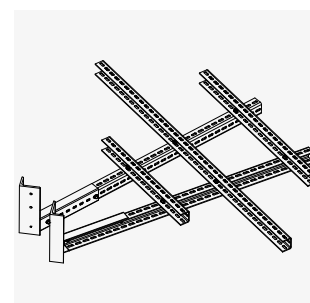
EBW

Corner support

Article	B mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised				
EBW 020F	1400	980	6.50	52.380
EBW 030F	1500	990	6.50	55.050
EBW 040F	1800	1000	6.50	60.370
EBW 050F	1800	1100	6.50	60.380
EBW 060F	1900	1200	6.50	64.370

optional accessories

WPLEAB 100	Wide-span cable ladder add-on corner	179
WPLB 100	Wide-span cable ladder bend, height = 100 mm	180
WPRB 100	Wide-span cable tray bend, height = 100 mm	190
WPREAB 100	Wide-span cable tray add-on corner	189
WPLEAB 120	Wide-span cable ladder add-on corner	179
WPLB 120	Wide-span cable ladder bend, height = 120 mm	180
WPRB 120	Wide-span cable tray bend, height = 120 mm	190
WPREAB 120	Wide-span cable tray add-on corner	189
WPLEAB 150	Wide-span cable ladder add-on corner	179
WPLB 150	Wide-span cable ladder bend, height = 150 mm	180
WPRB 150	Wide-span cable tray bend, height = 150 mm	190
WPREAB 150	Wide-span cable tray add-on corner	189
SD	Expansion anchor	487



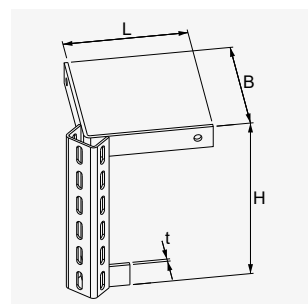
KBEW

Bracket fixing for external concrete corners/columns

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KBEW F	300	210	210	6.00	2.198
KBEWS F	400	210	210	6.00	3.826

optional accessories

KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KWS	Wall/strut bracket, heavy-duty	401
KWSS	Wall/strut bracket, extra heavy-duty	402
SD	Expansion anchor	487



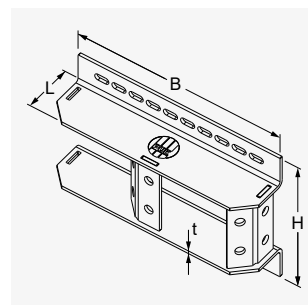
KBSW

Bracket fixing for steel girders and walls

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KBSW F	268	400	97	6.00	6.809
KBSWS F	398	400	97	6.00	7.907

optional accessories

SKS M	Beam clamp set	480
SD	Expansion anchor	487
KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KWS	Wall/strut bracket, heavy-duty	401



Ceiling Fixed Brackets

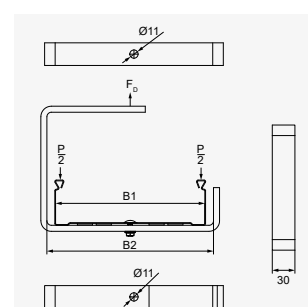
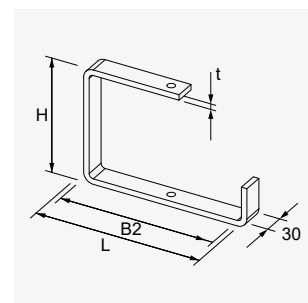
DB-FL

Ceiling brackets, flat

Article	H mm	B1 mm	B2 mm	L mm	t mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised								
DB-FL 010F	170	100	121	137	8.00	1.48	1.00	0.819
DB-FL 020F	170	200	221	237	8.00	0.70	1.00	1.121
DB-FL 030F	170	300	321	341	10.00	0.90	1.00	1.791
DB-FL 040F	170	400	421	441	10.00	0.48	1.00	2.169
steel, galvanic zinc plated								
DB-FL 010GV	170	100	121	137	8.00	1.48	1.00	0.765
DB-FL 020GV	170	200	221	237	8.00	0.70	1.00	1.048
DB-FL 030GV	170	300	321	341	10.00	0.90	1.00	1.674
DB-FL 040GV	170	400	421	441	10.00	0.48	1.00	2.027
Stainless steel, acc. to AISI 304 (BS 304S31)								
DB-FL 010E	170	100	121	137	8.00	1.48	1.00	0.770
DB-FL 020E	170	200	221	237	8.00	0.70	1.00	1.068
DB-FL 030E	170	300	321	341	10.00	0.90	1.00	1.706
DB-FL 040E	170	400	421	441	10.00	0.48	1.00	2.066

optional accessories

KLR	Clamp fastening set	477
KLS	Clamp fastening set	477
KLU	Clamp fastening set	119, 481
SD	Expansion anchor	487



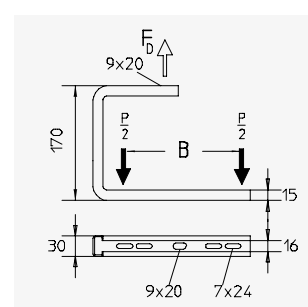
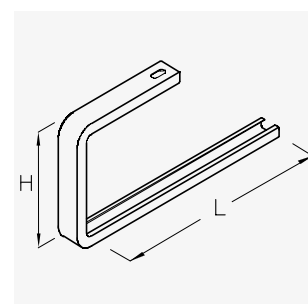
DB

Ceiling brackets

Article	H mm	B mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process						
DB 10S	170	30	120	0.60	1.20	0.252
DB 20S	170	30	220	0.40	1.10	0.376
DB 30S	170	30	320	0.28	1.10	0.478
Stainless steel, acc. to AISI 304 (BS 304S31)						
DB 10E	170	30	120	0.50	1.20	0.235
DB 20E	170	30	220	0.35	1.10	0.340
DB 30E	170	30	320	0.25	1.10	0.443

optional accessories

KLR	Clamp fastening set	477
SAZ	Drop-in anchor	487
IK	Hexagon socket head screw, DIN 912	364, 505



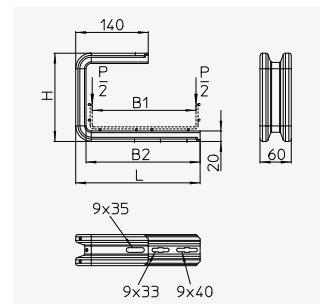
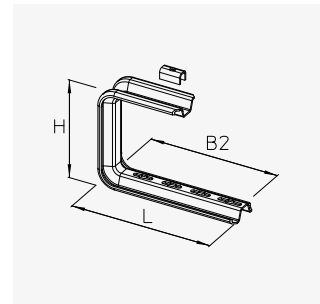
DKSL

Ceiling brackets, light

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process							
DKSL 010S	170	100	120	120	1.28	3.10	0.620
DKSL 020S	170	200	220	220	0.93	2.10	0.790
DKSL 030S	170	300	320	320	0.86	2.70	0.940
DKSL 040S	170	400	420	420	0.61	3.30	1.110
Steel, hot-dip galvanised							
DKSL 010F	170	100	120	120	1.56	3.10	0.660
DKSL 020F	170	200	220	220	1.09	2.10	0.840
DKSL 030F	170	300	320	320	0.99	2.70	1.000
DKSL 040F	170	400	420	420	0.69	3.30	1.180

optional accessories

KSL-SP	Spacer	411
SD	Expansion anchor	487
SAZ	Drop-in anchor	487
KLRL	Clamp fastening set, long	477
KLU	Clamp fastening set	119, 481



Centre Suspensions

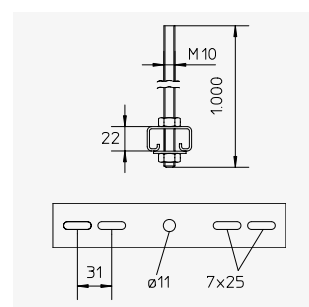
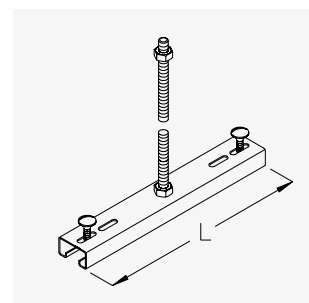
GBAR

Middle suspending bracket, external

Article	H mm	B mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process						
GBAR 10S	1000	30	60	0.70	1.00	0.612
GBAR 20S	1000	30	160	0.70	1.00	0.742
GBAR 30S	1000	30	260	0.70	1.00	0.872
Stainless steel, acc. to AISI 304 (BS 304S31)						
GBAR 10E	1000	30	60	0.70	1.00	0.616
GBAR 20E	1000	30	160	0.70	1.00	0.746
GBAR 30E	1000	30	260	0.70	1.00	0.876

optional accessories

SD	Expansion anchor	487
SAZ	Drop-in anchor	487
VM	Rod coupling	493



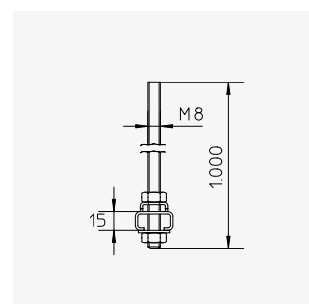
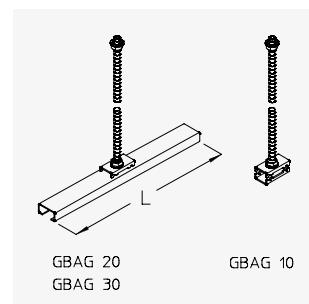
GBAG

Middle suspending bracket, external

Article	H mm	B mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process						
GBAG 10S	1000	20	41	0.50	1.00	0.356
GBAG 20S	1000	30	180	0.50	1.00	0.514
GBAG 30S	1000	30	280	0.50	1.00	0.654
Stainless steel, acc. to AISI 304 (BS 304S31)						
GBAG 10E	1000	20	41	0.50	1.00	0.356
GBAG 20E	1000	30	180	0.50	1.00	0.515
GBAG 30E	1000	30	280	0.50	1.00	0.655

optional accessories

SD	Expansion anchor	487
SAZ	Drop-in anchor	487
VM	Rod coupling	493



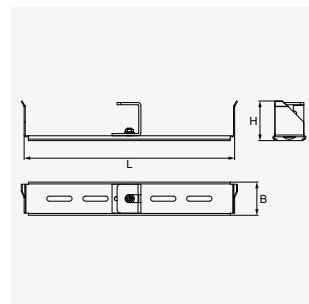
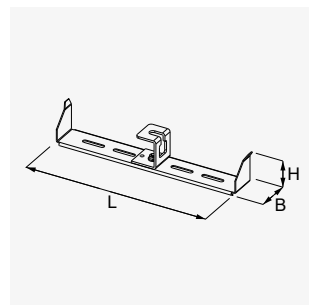
MA 60

Middle suspending bracket, internal

Article	H mm	B mm	L mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process					
MA 60-10S	55	40	97	0.30	0.186
MA 60-20S	55	40	197	0.30	0.248
MA 60-30S	55	40	297	0.30	0.311
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
MA 60-10E4	55	40	91	0.30	0.189
MA 60-20E4	55	40	191	0.30	0.253
MA 60-30E4	55	40	291	0.30	0.317

optional accessories

KLR	Clamp fastening set	477
SAZ	Drop-in anchor	487
GB	Threaded rod, DIN 976-1	492
SEM	Hexagon nut, DIN 934	511
SEMS	Hexagonal nut with flange, DIN EN 1661	512



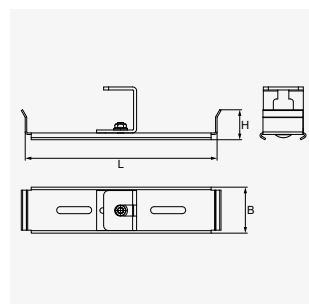
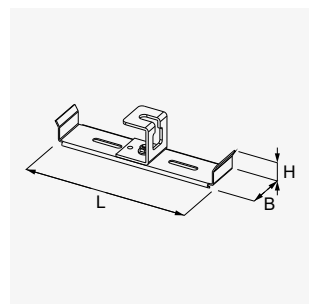
MA 35

Middle suspending bracket, internal

Article	H mm	B mm	L mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process					
MA 35-10S	30	40	97	0.30	0.173
MA 35-20S	30	40	197	0.30	0.235
MA 35-30S	30	40	297	0.30	0.298

optional accessories

KLR	Clamp fastening set	477
SAZ	Drop-in anchor	487
GB	Threaded rod, DIN 976-1	492
SEM	Hexagon nut, DIN 934	511
SEMS	Hexagonal nut with flange, DIN EN 1661	512



W-Profile System

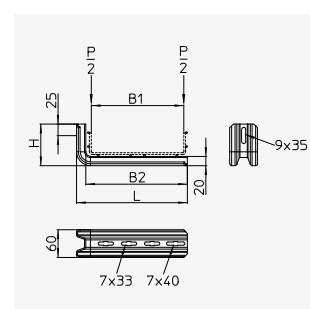
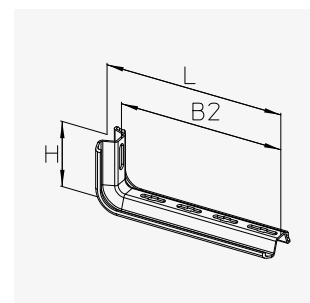
KSL

Strut bracket, light

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, pre-galvanised/Sendzimir process						
KSL 010S	90	100	120	145	1.30	0.380
KSL 015S	90	150	170	195	1.00	0.460
KSL 020S	90	200	220	245	0.90	0.550
KSL 025S	90	250	270	295	0.70	0.630
KSL 030S	90	300	320	345	0.60	0.710
KSL 040S	90	400	420	445	0.50	0.880
Steel, hot-dip galvanised						
KSL 010F	90	100	120	145	1.30	0.400
KSL 015F	90	150	170	195	1.00	0.490
KSL 020F	90	200	220	245	0.90	0.580
KSL 025F	90	250	270	295	0.70	0.670
KSL 030F	90	300	320	345	0.60	0.750
KSL 040F	90	400	420	445	0.50	0.940

optional accessories

KDSL	Bracket support, light	410
KLRL	Clamp fastening set, long	477
KLU	Clamp fastening set	119, 481
KSL-SP	Spacer	411



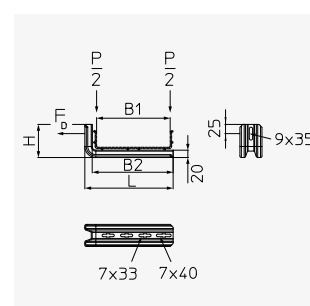
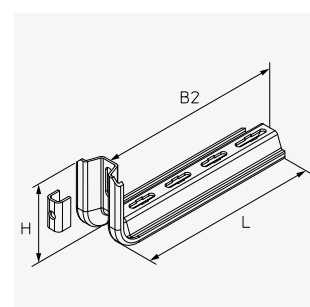
KSLW

Wall bracket, light-duty

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process							
KSLW 010S	90	100	120	145	1.30	2.80	0.390
KSLW 015S	90	150	170	195	1.00	3.40	0.470
KSLW 020S	90	200	220	245	0.90	4.10	0.560
KSLW 025S	90	250	270	295	0.70	4.80	0.640
KSLW 030S	90	300	320	345	0.60	5.50	0.720
KSLW 040S	90	400	420	445	0.50	6.90	0.890
Steel, hot-dip galvanised							
KSLW 010F	90	100	120	145	1.30	2.80	0.410
KSLW 015F	90	150	170	195	1.00	3.40	0.500
KSLW 020F	90	200	220	245	0.90	4.10	0.590
KSLW 025F	90	250	270	295	0.70	4.80	0.680
KSLW 030F	90	300	320	345	0.60	5.50	0.760
KSLW 040F	90	400	420	445	0.50	6.90	0.950

optional accessories

SD	Expansion anchor	487
KLRL	Clamp fastening set, long	477
KLU	Clamp fastening set	119, 481
KSL-SP	Spacer	411



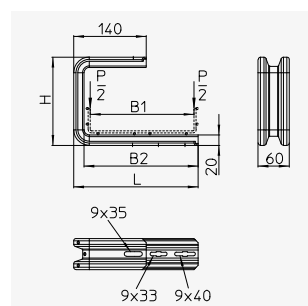
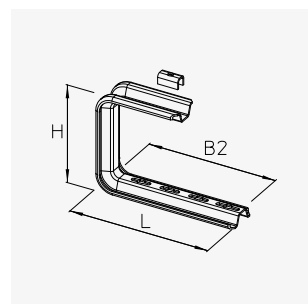
DKSL

Ceiling brackets, light

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, pre-galvanised/Sendzimir process							
DKSL 010S	170	100	120	120	1.28	3.10	0.620
DKSL 020S	170	200	220	220	0.93	2.10	0.790
DKSL 030S	170	300	320	320	0.86	2.70	0.940
DKSL 040S	170	400	420	420	0.61	3.30	1.110
Steel, hot-dip galvanised							
DKSL 010F	170	100	120	120	1.56	3.10	0.660
DKSL 020F	170	200	220	220	1.09	2.10	0.840
DKSL 030F	170	300	320	320	0.99	2.70	1.000
DKSL 040F	170	400	420	420	0.69	3.30	1.180

optional accessories

KSL-SP	Spacer	411
SD	Expansion anchor	487
SAZ	Drop-in anchor	487
KLRL	Clamp fastening set, long	477
KLU	Clamp fastening set	119, 481



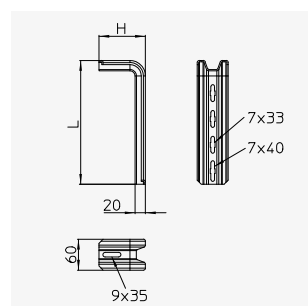
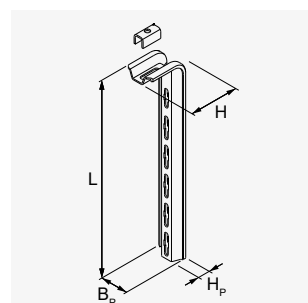
KDSL

Bracket support, light

Article	H mm	B _p mm	H _p mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process						
KDSL 010S	90	60	20	145	2.50	0.390
KDSL 015S	90	60	20	195	2.50	0.470
KDSL 020S	90	60	20	245	2.50	0.560
KDSL 025S	90	60	20	295	2.50	0.640
KDSL 030S	90	60	20	345	2.50	0.720
KDSL 040S	90	60	20	445	2.50	0.890
KDSL 050S	90	60	20	545	2.50	1.060
KDSL 060S	90	60	20	645	2.50	1.210
Steel, hot-dip galvanised						
KDSL 010F	90	60	20	145	2.50	0.410
KDSL 015F	90	60	20	195	2.50	0.500
KDSL 020F	90	60	20	245	2.50	0.590
KDSL 025F	90	60	20	295	2.50	0.680
KDSL 030F	90	60	20	345	2.50	0.760
KDSL 040F	90	60	20	445	2.50	0.950
KDSL 050F	90	60	20	545	2.50	1.130
KDSL 060F	90	60	20	645	2.50	1.290

optional accessories

KSL	Strut bracket, light	409
SD	Expansion anchor	487
KSL-SP	Spacer	411
FRS	Round-head bolt with square, DIN 603	503
SEMS	Hexagonal nut with flange, DIN EN 1661	512



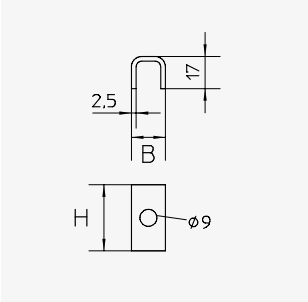
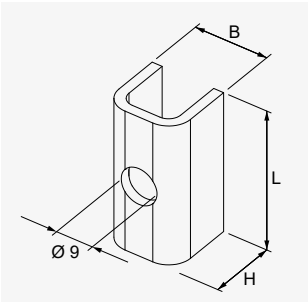
KSL-SP

Spacer

Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
KSL-SP S	17	18	35	0.030
Steel, hot-dip galvanised				
KSL-SP F	17	18	35	0.030

optional accessories

KSLW	Wall bracket, light-duty	396,409
KDSL	Bracket support, light	410
DKSL	Ceiling brackets, light	406,410



U-Profile System

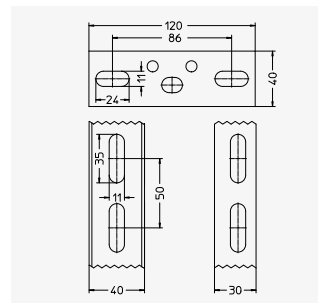
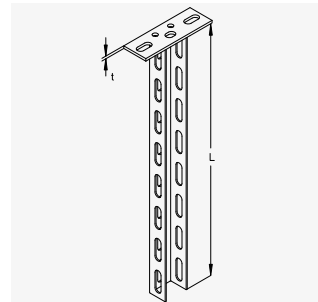
KDU 40

Bracket support, 40x30 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KDU 40-02F	200	40	30	4.00	0.380
KDU 40-03F	300	40	30	4.00	0.500
KDU 40-04F	400	40	30	4.00	0.620
KDU 40-05F	500	40	30	4.00	0.730
KDU 40-06F	600	40	30	4.00	0.860
KDU 40-07F	700	40	30	4.00	0.980
KDU 40-08F	800	40	30	4.00	1.100
KDU 40-09F	900	40	30	4.00	1.220
KDU 40-10F	1000	40	30	4.00	1.340
KDU 40-11F	1100	40	30	4.00	1.460
KDU 40-12F	1200	40	30	4.00	1.580
KDU 40-13F	1300	40	30	4.00	1.700
KDU 40-14F	1400	40	30	4.00	1.820
KDU 40-15F	1500	40	30	4.00	1.940
steel, galvanic zinc plated					
KDU 40-02GV	200	40	30	4.00	0.360
KDU 40-03GV	300	40	30	4.00	0.470
KDU 40-04GV	400	40	30	4.00	0.580
KDU 40-05GV	500	40	30	4.00	0.680
KDU 40-06GV	600	40	30	4.00	0.800
KDU 40-07GV	700	40	30	4.00	0.920
KDU 40-08GV	800	40	30	4.00	1.030
KDU 40-09GV	900	40	30	4.00	1.140
KDU 40-10GV	1000	40	30	4.00	1.250
KDU 40-11GV	1100	40	30	4.00	1.360
KDU 40-12GV	1200	40	30	4.00	1.480
KDU 40-13GV	1300	40	30	4.00	1.590
KDU 40-14GV	1400	40	30	4.00	1.700
KDU 40-15GV	1500	40	30	4.00	1.810

optional accessories

KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KHU 40	Bracket support, 40x30 mm	419
KHUV 40	Connector, KHU 40	428
KHUSS 40	Support piece, KHU 40	430
SU 40	Protection cap, KHU 40	432
SD	Expansion anchor	487
SAZ	Drop-in anchor	487



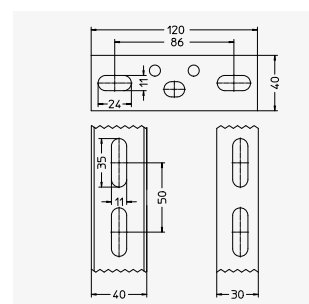
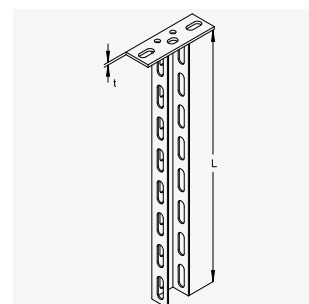
KDU 40

Bracket support, 40x30 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
KDU 40-02E	200	40	30	4.00	0.360
KDU 40-03E	300	40	30	4.00	0.470
KDU 40-04E	400	40	30	4.00	0.600
KDU 40-05E	500	40	30	4.00	0.700
KDU 40-06E	600	40	30	4.00	0.810
KDU 40-07E	700	40	30	4.00	0.920
KDU 40-08E	800	40	30	4.00	1.030
KDU 40-09E	900	40	30	4.00	1.150
KDU 40-10E	1000	40	30	4.00	1.260
KDU 40-11E	1100	40	30	4.00	1.400
KDU 40-12E	1200	40	30	4.00	1.500
KDU 40-13E	1300	40	30	4.00	1.600
KDU 40-14E	1400	40	30	4.00	1.730
KDU 40-15E	1500	40	30	4.00	1.830
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KDU 40-02E4	200	40	30	4.00	0.360
KDU 40-03E4	300	40	30	4.00	0.470
KDU 40-04E4	400	40	30	4.00	0.600
KDU 40-05E4	500	40	30	4.00	0.700
KDU 40-06E4	600	40	30	4.00	0.820
KDU 40-07E4	700	40	30	4.00	0.930
KDU 40-08E4	800	40	30	4.00	1.030
KDU 40-09E4	900	40	30	4.00	1.160
KDU 40-10E4	1000	40	30	4.00	1.260
KDU 40-11E4	1100	40	30	4.00	1.400
KDU 40-12E4	1200	40	30	4.00	1.500
KDU 40-13E4	1300	40	30	4.00	1.610
KDU 40-14E4	1400	40	30	4.00	1.730
KDU 40-15E4	1500	40	30	4.00	1.840

optional accessories

KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KHU 40	Bracket support, 40x30 mm	419
KHUV 40	Connector, KHU 40	428
KHUSS 40	Support piece, KHU 40	430
SU 40	Protection cap, KHU 40	432
SD	Expansion anchor	487
SAZ	Drop-in anchor	487



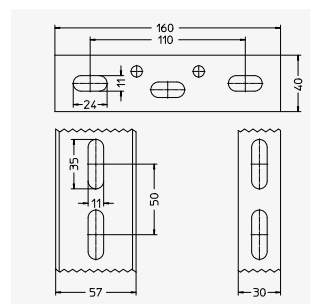
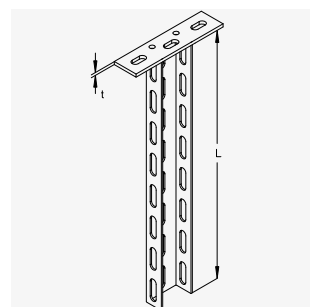
KDU 57

Bracket support, 57x30 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KDU 57-02F	200	57	30	5.00	0.590
KDU 57-03F	300	57	30	5.00	0.770
KDU 57-04F	400	57	30	5.00	0.950
KDU 57-05F	500	57	30	5.00	1.130
KDU 57-06F	600	57	30	5.00	1.310
KDU 57-07F	700	57	30	5.00	1.490
KDU 57-08F	800	57	30	5.00	1.680
KDU 57-09F	900	57	30	5.00	1.860
KDU 57-10F	1000	57	30	5.00	2.040
KDU 57-11F	1100	57	30	5.00	2.220
KDU 57-12F	1200	57	30	5.00	2.400
KDU 57-13F	1300	57	30	5.00	2.580
KDU 57-14F	1400	57	30	5.00	2.770
KDU 57-15F	1500	57	30	5.00	2.950
steel, galvanic zinc plated					
KDU 57-02GV	200	57	30	5.00	0.550
KDU 57-03GV	300	57	30	5.00	0.720
KDU 57-04GV	400	57	30	5.00	0.890
KDU 57-05GV	500	57	30	5.00	1.060
KDU 57-06GV	600	57	30	5.00	1.220
KDU 57-07GV	700	57	30	5.00	1.390
KDU 57-08GV	800	57	30	5.00	1.570
KDU 57-09GV	900	57	30	5.00	1.740
KDU 57-10GV	1000	57	30	5.00	1.910
KDU 57-11GV	1100	57	30	5.00	2.070
KDU 57-12GV	1200	57	30	5.00	2.250
KDU 57-13GV	1300	57	30	5.00	2.410
KDU 57-14GV	1400	57	30	5.00	2.590
KDU 57-15GV	1500	57	30	5.00	2.760

optional accessories

KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KHU 57	Bracket support, 57x30 mm	421
KHUV 57	Connector, KHU 57	428
KHUSS 57	Support piece, KHU 57	430
SU 57	Protection cap, KHU 57	432
SD	Expansion anchor	487
SAZ	Drop-in anchor	487



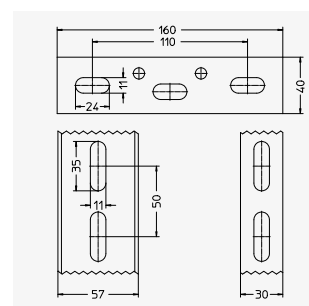
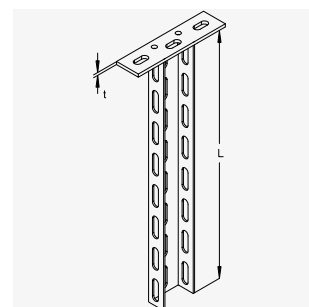
KDU 57

Bracket support, 57x30 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
KDU 57-02E	200	57	30	5.00	0.570
KDU 57-03E	300	57	30	5.00	0.740
KDU 57-04E	400	57	30	5.00	0.910
KDU 57-05E	500	57	30	5.00	1.080
KDU 57-06E	600	57	30	5.00	1.250
KDU 57-07E	700	57	30	5.00	1.420
KDU 57-08E	800	57	30	5.00	1.590
KDU 57-09E	900	57	30	5.00	1.760
KDU 57-10E	1000	57	30	5.00	1.930
KDU 57-11E	1100	57	30	5.00	2.100
KDU 57-12E	1200	57	30	5.00	2.270
KDU 57-13E	1300	57	30	5.00	2.440
KDU 57-14E	1400	57	30	5.00	2.610
KDU 57-15E	1500	57	30	5.00	2.780
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KDU 57-02E4	200	57	30	5.00	0.570
KDU 57-03E4	300	57	30	5.00	0.740
KDU 57-04E4	400	57	30	5.00	0.910
KDU 57-05E4	500	57	30	5.00	1.080
KDU 57-06E4	600	57	30	5.00	1.250
KDU 57-07E4	700	57	30	5.00	1.420
KDU 57-08E4	800	57	30	5.00	1.590
KDU 57-09E4	900	57	30	5.00	1.760
KDU 57-10E4	1000	57	30	5.00	1.930
KDU 57-11E4	1100	57	30	5.00	2.100
KDU 57-12E4	1200	57	30	5.00	2.270
KDU 57-13E4	1300	57	30	5.00	2.440
KDU 57-14E4	1400	57	30	5.00	2.610
KDU 57-15E4	1500	57	30	5.00	2.780

optional accessories

KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KHU 57	Bracket support, 57x30 mm	421
KHUV 57	Connector, KHU 57	428
KHUSS 57	Support piece, KHU 57	430
SU 57	Protection cap, KHU 57	432
SD	Expansion anchor	487
SAZ	Drop-in anchor	487



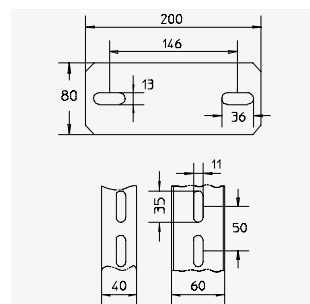
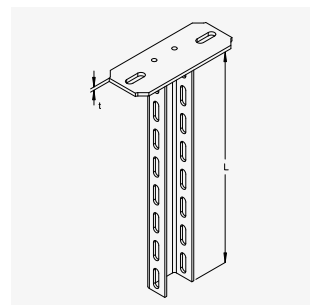
KDU 60

Bracket support, heavy duty, 60x40 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KDU 60-02F	200	60	40	6.00	1.410
KDU 60-03F	300	60	40	6.00	1.770
KDU 60-04F	400	60	40	6.00	2.070
KDU 60-05F	500	60	40	6.00	2.370
KDU 60-06F	600	60	40	6.00	2.720
KDU 60-07F	700	60	40	6.00	3.080
KDU 60-08F	800	60	40	6.00	3.500
KDU 60-09F	900	60	40	6.00	3.820
KDU 60-10F	1000	60	40	6.00	4.090
KDU 60-11F	1100	60	40	8.00	4.900
KDU 60-12F	1200	60	40	8.00	5.200
KDU 60-13F	1300	60	40	8.00	5.500
KDU 60-14F	1400	60	40	8.00	5.900
KDU 60-15F	1500	60	40	8.00	6.300
KDU 60-16F	1600	60	40	8.00	6.600
KDU 60-17F	1700	60	40	8.00	7.000
KDU 60-18F	1800	60	40	8.00	7.300
KDU 60-19F	1900	60	40	8.00	7.700
KDU 60-20F	2000	60	40	8.00	7.800
steel, galvanic zinc plated					
KDU 60-02GV	200	60	40	6.00	1.343
KDU 60-03GV	300	60	40	6.00	1.670
KDU 60-04GV	400	60	40	6.00	2.000
KDU 60-05GV	500	60	40	6.00	2.330
KDU 60-06GV	600	60	40	6.00	2.540
KDU 60-07GV	700	60	40	6.00	2.880
KDU 60-08GV	800	60	40	6.00	3.310
KDU 60-09GV	900	60	40	6.00	3.640
KDU 60-10GV	1000	60	40	6.00	3.970
KDU 60-11GV	1100	60	40	8.00	4.520
KDU 60-12GV	1200	60	40	8.00	4.850
KDU 60-13GV	1300	60	40	8.00	5.180
KDU 60-14GV	1400	60	40	8.00	5.510
KDU 60-15GV	1500	60	40	8.00	5.840
KDU 60-16GV	1600	60	40	8.00	6.000
KDU 60-17GV	1700	60	40	8.00	6.530
KDU 60-18GV	1800	60	40	8.00	6.860
KDU 60-19GV	1900	60	40	8.00	7.200
KDU 60-20GV	2000	60	40	8.00	7.480

optional accessories

KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KWS	Wall/strut bracket, heavy-duty	401
KHU 60	Bracket support, heavy duty, 60x40 mm	423
KHUV 60	Connector, KHU 60	261, 429
KHUSS 60	Support piece, KHU 60	430
SU 60	Protection cap, KHU 60	256, 433
SD	Expansion anchor	487
SAZ	Drop-in anchor	487



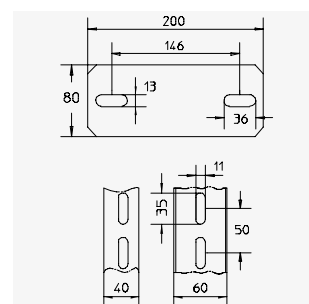
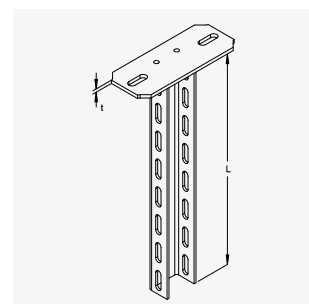
KDU 60

Bracket support, heavy duty, 60x40 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
KDU 60-02E	200	60	40	6.00	1.360
KDU 60-03E	300	60	40	6.00	1.690
KDU 60-04E	400	60	40	6.00	2.020
KDU 60-05E	500	60	40	6.00	2.350
KDU 60-06E	600	60	40	6.00	2.680
KDU 60-07E	700	60	40	6.00	3.010
KDU 60-08E	800	60	40	6.00	3.340
KDU 60-09E	900	60	40	6.00	3.670
KDU 60-10E	1000	60	40	6.00	4.000
KDU 60-11E	1100	60	40	8.00	4.560
KDU 60-12E	1200	60	40	8.00	4.890
KDU 60-13E	1300	60	40	8.00	5.220
KDU 60-14E	1400	60	40	8.00	5.550
KDU 60-15E	1500	60	40	8.00	5.880
KDU 60-16E	1600	60	40	8.00	6.210
KDU 60-17E	1700	60	40	8.00	6.540
KDU 60-18E	1800	60	40	8.00	6.870
KDU 60-19E	1900	60	40	8.00	7.200
KDU 60-20E	2000	60	40	8.00	7.530
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KDU 60-02E4	200	60	40	6.00	1.370
KDU 60-03E4	300	60	40	6.00	1.710
KDU 60-04E4	400	60	40	6.00	2.040
KDU 60-05E4	500	60	40	6.00	2.370
KDU 60-06E4	600	60	40	6.00	2.700
KDU 60-07E4	700	60	40	6.00	3.040
KDU 60-08E4	800	60	40	6.00	3.370
KDU 60-09E4	900	60	40	6.00	3.700
KDU 60-10E4	1000	60	40	6.00	4.030
KDU 60-11E4	1100	60	40	8.00	4.590
KDU 60-12E4	1200	60	40	8.00	4.930
KDU 60-13E4	1300	60	40	8.00	5.260
KDU 60-14E4	1400	60	40	8.00	5.590
KDU 60-15E4	1500	60	40	8.00	5.920
KDU 60-16E4	1600	60	40	8.00	6.260
KDU 60-17E4	1700	60	40	8.00	6.590
KDU 60-18E4	1800	60	40	8.00	6.910
KDU 60-19E4	1900	60	40	8.00	7.250
KDU 60-20E4	2000	60	40	8.00	7.580

optional accessories

KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KWS	Wall/strut bracket, heavy-duty	401
KHU 60	Bracket support, heavy duty, 60x40 mm	423
KHUV 60	Connector, KHU 60	261, 429
KHUSS 60	Support piece, KHU 60	430
SU 60	Protection cap, KHU 60	256, 433
SD	Expansion anchor	487
SAZ	Drop-in anchor	487



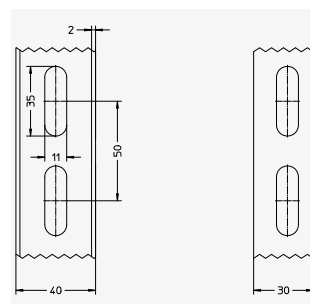
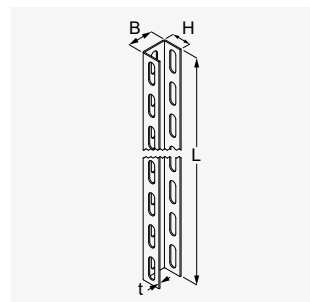
KHU 40

Bracket support, 40x30 mm

Article	L mm	B _p mm	H _p mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHU 40-02S	200	40	30	0.220
KHU 40-03S	300	40	30	0.340
KHU 40-04S	400	40	30	0.450
KHU 40-05S	500	40	30	0.560
KHU 40-06S	600	40	30	0.670
KHU 40-07S	700	40	30	0.790
KHU 40-08S	800	40	30	0.900
KHU 40-09S	900	40	30	1.010
KHU 40-10S	1000	40	30	1.120
KHU 40-11S	1100	40	30	1.230
KHU 40-12S	1200	40	30	1.350
KHU 40-13S	1300	40	30	1.550
KHU 40-14S	1400	40	30	1.600
KHU 40-15S	1500	40	30	1.700
KHU 40-30S	3000	40	30	3.400
KHU 40-60S	6000	40	30	6.730
Steel, hot-dip galvanised				
KHU 40-02F	200	40	30	0.240
KHU 40-03F	300	40	30	0.360
KHU 40-04F	400	40	30	0.480
KHU 40-05F	500	40	30	0.600
KHU 40-06F	600	40	30	0.720
KHU 40-07F	700	40	30	0.840
KHU 40-08F	800	40	30	0.960
KHU 40-09F	900	40	30	1.100
KHU 40-10F	1000	40	30	1.200
KHU 40-11F	1100	40	30	1.320
KHU 40-12F	1200	40	30	1.440
KHU 40-13F	1300	40	30	1.600
KHU 40-14F	1400	40	30	1.700
KHU 40-15F	1500	40	30	1.800
KHU 40-30F	3000	40	30	3.600
KHU 40-60F	6000	40	30	7.200
steel, galvanic zinc plated				
KHU 40-30GV	3000	40	30	3.370

optional accessories

KDU 40	Bracket support, 40x30 mm	413
BGU 40	Screw-on head plate, KHU 40	425
KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KHUV 40	Connector, KHU 40	428
KHUSS 40	Support piece, KHU 40	430
SU 40	Protection cap, KHU 40	432
BGUD	Screw-on head plate, ±30°, KHU 40/57/60	427
BGUDW	Screw-on head plate, 30°-90°, KHU 40/57/60	427
BL 4	Mounting bracket	245, 253



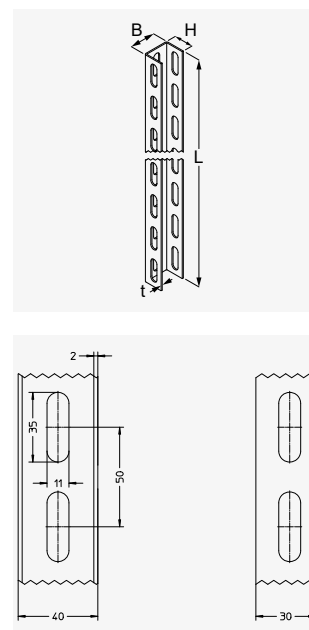
KHU 40

Bracket support, 40x30 mm

Article	L mm	B _p mm	H _p mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHU 40-02E	200	40	30	0.230
KHU 40-03E	300	40	30	0.340
KHU 40-04E	400	40	30	0.450
KHU 40-05E	500	40	30	0.570
KHU 40-06E	600	40	30	0.680
KHU 40-07E	700	40	30	0.790
KHU 40-08E	800	40	30	0.900
KHU 40-09E	900	40	30	1.020
KHU 40-10E	1000	40	30	1.130
KHU 40-11E	1100	40	30	1.240
KHU 40-12E	1200	40	30	1.360
KHU 40-13E	1300	40	30	1.470
KHU 40-14E	1400	40	30	1.600
KHU 40-15E	1500	40	30	1.700
KHU 40-30E	3000	40	30	3.400
KHU 40-60E	6000	40	30	7.500
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHU 40-02E4	200	40	30	0.230
KHU 40-03E4	300	40	30	0.340
KHU 40-04E4	400	40	30	0.460
KHU 40-05E4	500	40	30	0.570
KHU 40-06E4	600	40	30	0.690
KHU 40-07E4	700	40	30	0.800
KHU 40-08E4	800	40	30	0.920
KHU 40-09E4	900	40	30	1.030
KHU 40-10E4	1000	40	30	1.140
KHU 40-11E4	1100	40	30	1.260
KHU 40-12E4	1200	40	30	1.400
KHU 40-13E4	1300	40	30	1.500
KHU 40-14E4	1400	40	30	1.600
KHU 40-15E4	1500	40	30	1.720
KHU 40-30E4	3000	40	30	3.430
KHU 40-60E4	6000	40	30	7.500

optional accessories

KDU 40	Bracket support, 40x30 mm	413
BGU 40	Screw-on head plate, KHU 40	425
KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KHUV 40	Connector, KHU 40	428
KHUSS 40	Support piece, KHU 40	430
SU 40	Protection cap, KHU 40	432
BGUD	Screw-on head plate, ±30°, KHU 40/57/60	427
BGUDW	Screw-on head plate, 30°-90°, KHU 40/57/60	427
BL 4	Mounting bracket	245, 253



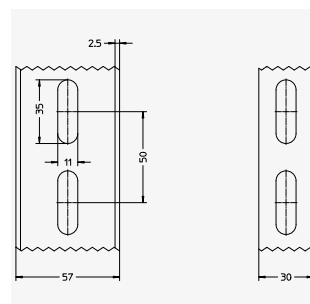
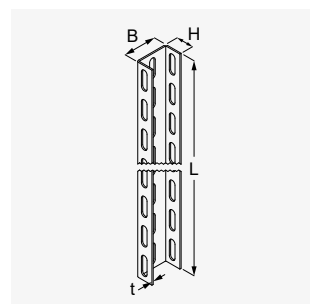
KHU 57

Bracket support, 57x30 mm

Article	L mm	B _p mm	H _p mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHU 57-02S	200	57	30	0.340
KHU 57-03S	300	57	30	0.510
KHU 57-04S	400	57	30	0.680
KHU 57-05S	500	57	30	0.850
KHU 57-06S	600	57	30	1.020
KHU 57-07S	700	57	30	1.190
KHU 57-08S	800	57	30	1.360
KHU 57-09S	900	57	30	1.530
KHU 57-10S	1000	57	30	1.700
KHU 57-11S	1100	57	30	1.870
KHU 57-12S	1200	57	30	2.040
KHU 57-13S	1300	57	30	2.210
KHU 57-14S	1400	57	30	2.380
KHU 57-15S	1500	57	30	2.550
KHU 57-30S	3000	57	30	5.090
KHU 57-60S	6000	57	30	10.180
Steel, hot-dip galvanised				
KHU 57-02F	200	57	30	0.360
KHU 57-03F	300	57	30	0.550
KHU 57-04F	400	57	30	0.730
KHU 57-05F	500	57	30	0.910
KHU 57-06F	600	57	30	1.090
KHU 57-07F	700	57	30	1.270
KHU 57-08F	800	57	30	1.450
KHU 57-09F	900	57	30	1.630
KHU 57-10F	1000	57	30	1.820
KHU 57-11F	1100	57	30	2.000
KHU 57-12F	1200	57	30	2.180
KHU 57-13F	1300	57	30	2.360
KHU 57-14F	1400	57	30	2.540
KHU 57-15F	1500	57	30	2.720
KHU 57-30F	3000	57	30	5.450
KHU 57-60F	6000	57	30	10.890
steel, galvanic zinc plated				
KHU 57-30GV	3000	57	30	5.090

optional accessories

KDU 57	Bracket support, 57x30 mm	415
BGU 57	Screw-on head plate, KHU 57	425
KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KHUV 57	Connector, KHU 57	428
KHUSS 57	Support piece, KHU 57	430
SU 57	Protection cap, KHU 57	432
BGUD	Screw-on head plate, ±30°, KHU 40/57/60	427
BGUDW	Screw-on head plate, 30°-90°, KHU 40/57/60	427
BL 4	Mounting bracket	245, 253



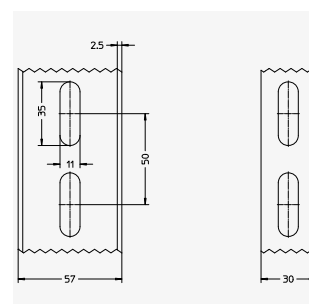
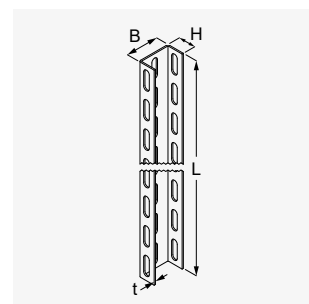
KHU 57

Bracket support, 57x30 mm

Article	L mm	B _p mm	H _p mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHU 57-02E	200	57	30	0.340
KHU 57-03E	300	57	30	0.510
KHU 57-04E	400	57	30	0.680
KHU 57-05E	500	57	30	0.850
KHU 57-06E	600	57	30	1.030
KHU 57-07E	700	57	30	1.200
KHU 57-08E	800	57	30	1.370
KHU 57-09E	900	57	30	1.540
KHU 57-10E	1000	57	30	1.710
KHU 57-11E	1100	57	30	1.880
KHU 57-12E	1200	57	30	2.050
KHU 57-13E	1300	57	30	2.220
KHU 57-14E	1400	57	30	2.390
KHU 57-15E	1500	57	30	2.560
KHU 57-30E	3000	57	30	5.120
KHU 57-60E	6000	57	30	10.250
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHU 57-02E4	200	57	30	0.350
KHU 57-03E4	300	57	30	0.520
KHU 57-04E4	400	57	30	0.690
KHU 57-05E4	500	57	30	0.870
KHU 57-06E4	600	57	30	1.040
KHU 57-07E4	700	57	30	1.210
KHU 57-08E4	800	57	30	1.380
KHU 57-09E4	900	57	30	1.560
KHU 57-10E4	1000	57	30	1.730
KHU 57-11E4	1100	57	30	1.900
KHU 57-12E4	1200	57	30	2.080
KHU 57-13E4	1300	57	30	2.250
KHU 57-14E4	1400	57	30	2.420
KHU 57-15E4	1500	57	30	2.590
KHU 57-30E4	3000	57	30	5.190
KHU 57-60E4	6000	57	30	10.380

optional accessories

KDU 57	Bracket support, 57x30 mm	415
BGU 57	Screw-on head plate, KHU 57	425
KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KHUV 57	Connector, KHU 57	428
KHUSS 57	Support piece, KHU 57	430
SU 57	Protection cap, KHU 57	432
BGUD	Screw-on head plate, ±30°, KHU 40/57/60	427
BGUDW	Screw-on head plate, 30°-90°, KHU 40/57/60	427
BL 4	Mounting bracket	245, 253



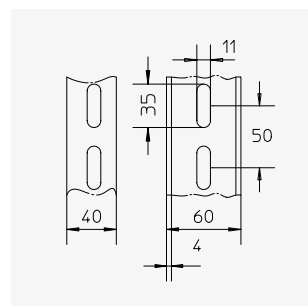
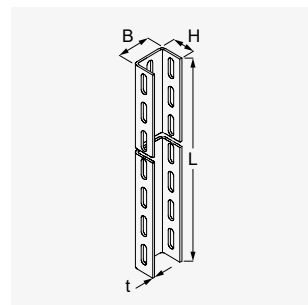
KHU 60

Bracket support, heavy duty, 60x40 mm

Article	L mm	B _p mm	H _p mm	G kg
Steel, hot-dip galvanised				
KHU 60-02F	200	60	40	0.700
KHU 60-03F	300	60	40	1.050
KHU 60-04F	400	60	40	1.400
KHU 60-05F	500	60	40	1.750
KHU 60-06F	600	60	40	2.110
KHU 60-07F	700	60	40	2.460
KHU 60-08F	800	60	40	2.810
KHU 60-09F	900	60	40	3.160
KHU 60-10F	1000	60	40	3.510
KHU 60-11F	1100	60	40	3.860
KHU 60-12F	1200	60	40	4.210
KHU 60-13F	1300	60	40	4.560
KHU 60-14F	1400	60	40	4.910
KHU 60-15F	1500	60	40	5.260
KHU 60-20F	2000	60	40	7.020
KHU 60-30F	3000	60	40	10.530
KHU 60-60F	6000	60	40	21.100
steel, galvanic zinc plated				
KHU 60-30GV	3000	60	40	9.840

optional accessories

KDU 60	Bracket support, heavy duty, 60x40 mm	417
BGU 60	Bolted head plate, KHU 60	256,426
KW	Wall/strut bracket, standard	399
KWS	Wall/strut bracket, heavy-duty	401
KHUV 60	Connector, KHU 60	261,429
KHUSS 60	Support piece, KHU 60	430
SU 60	Protection cap, KHU 60	256,433
WPHS-K	Wide-span rail support (bracket)	217
BL 4	Mounting bracket	245,253
BL 5	Mounting bracket	450
KLS	Clamp fastening set	477



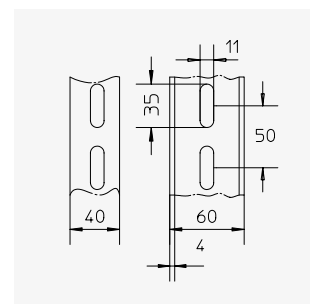
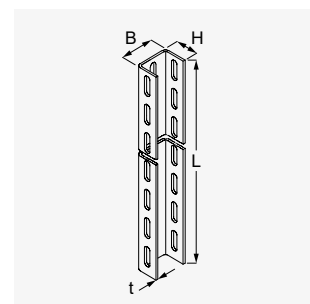
KHU 60

Bracket support, heavy duty, 60x40 mm

Article	L mm	B _p mm	H _p mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHU 60-02E	200	60	40	0.700
KHU 60-03E	300	60	40	1.060
KHU 60-04E	400	60	40	1.410
KHU 60-05E	500	60	40	1.760
KHU 60-06E	600	60	40	2.120
KHU 60-07E	700	60	40	2.470
KHU 60-08E	800	60	40	2.830
KHU 60-09E	900	60	40	3.180
KHU 60-10E	1000	60	40	3.520
KHU 60-11E	1100	60	40	3.880
KHU 60-12E	1200	60	40	4.240
KHU 60-13E	1300	60	40	4.590
KHU 60-14E	1400	60	40	4.940
KHU 60-15E	1500	60	40	5.290
KHU 60-20E	2000	60	40	7.060
KHU 60-30E	3000	60	40	9.900
KHU 60-60E	6000	60	40	19.930
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHU 60-02E4	200	60	40	0.700
KHU 60-03E4	300	60	40	1.060
KHU 60-04E4	400	60	40	1.410
KHU 60-05E4	500	60	40	1.760
KHU 60-06E4	600	60	40	2.120
KHU 60-07E4	700	60	40	2.470
KHU 60-08E4	800	60	40	2.830
KHU 60-09E4	900	60	40	3.180
KHU 60-10E4	1000	60	40	3.520
KHU 60-11E4	1100	60	40	3.880
KHU 60-12E4	1200	60	40	4.240
KHU 60-13E4	1300	60	40	4.590
KHU 60-14E4	1400	60	40	4.940
KHU 60-15E4	1500	60	40	5.290
KHU 60-20E4	2000	60	40	7.020
KHU 60-30E4	3000	60	40	10.530
KHU 60-60E4	6000	60	40	19.930

optional accessories

KDU 60	Bracket support, heavy duty, 60x40 mm	417
BGU 60	Bolted head plate, KHU 60	256, 426
KW	Wall/strut bracket, standard	399
KWS	Wall/strut bracket, heavy-duty	401
KHUV 60	Connector, KHU 60	261, 429
KHUSS 60	Support piece, KHU 60	430
SU 60	Protection cap, KHU 60	256, 433
WPHS-K	Wide-span rail support (bracket)	217
BL 4	Mounting bracket	245, 253
BL 5	Mounting bracket	450
KLS	Clamp fastening set	477



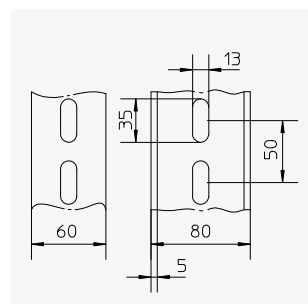
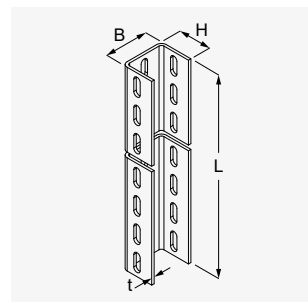
KHU 80

Bracket support, heavy, 80x60 mm

Article	L mm	B _p mm	H _p mm	G kg
Steel, hot-dip galvanised				
KHU 80-02F	200	80	60	1.330
KHU 80-03F	300	80	60	2.000
KHU 80-04F	400	80	60	2.660
KHU 80-05F	500	80	60	3.330
KHU 80-06F	600	80	60	3.990
KHU 80-07F	700	80	60	4.660
KHU 80-08F	800	80	60	5.320
KHU 80-09F	900	80	60	5.990
KHU 80-10F	1000	80	60	6.650
KHU 80-11F	1100	80	60	7.320
KHU 80-12F	1200	80	60	7.980
KHU 80-13F	1300	80	60	8.650
KHU 80-14F	1400	80	60	9.320
KHU 80-15F	1500	80	60	9.980
KHU 80-16F	1600	80	60	10.650
KHU 80-17F	1700	80	60	11.310
KHU 80-18F	1800	80	60	11.980
KHU 80-19F	1900	80	60	12.640
KHU 80-20F	2000	80	60	13.310
KHU 80-30F	3000	80	60	19.960
KHU 80-60F	6000	80	60	41.544

optional accessories

BGU 80	Screw-on head plate, KHU 80	426
KW	Wall/strut bracket, standard	399
KWS	Wall/strut bracket, heavy-duty	401
KWMS	Wall/strut bracket, medium-duty	400
KHUV 80	Connector, KHU 80	429
KHUSS 80	Support piece, KHU 80	431
SU 80	Protection cap, KHU 80	433
WPHS-P	Wide-span rail support (profile)	218
KLS	Clamp fastening set	477
KLR	Clamp fastening set	477



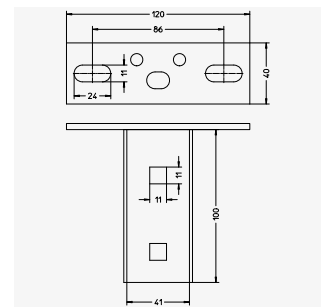
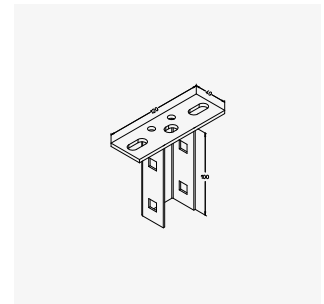
BGU 40

Screw-on head plate, KHU 40

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BGU 40F	120	80	200	4.00	0.367
steel, galvanic zinc plated					
BGU 40GV	120	80	200	4.00	0.342
Stainless steel, acc. to AISI 304 (BS 304S31)					
BGU 40E	120	80	200	4.00	0.352
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
BGU 40E4	120	80	200	4.00	0.357

optional accessories

SD Expansion anchor 487



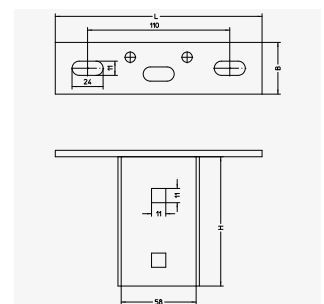
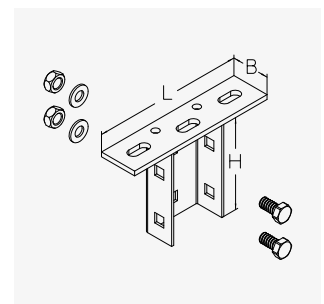
BGU 57

Screw-on head plate, KHU 57

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BGU 57F	120	80	200	5.00	0.541
steel, galvanic zinc plated					
BGU 57GV	120	80	200	5.00	0.505
Stainless steel, acc. to AISI 304 (BS 304S31)					
BGU 57E	120	80	200	5.00	0.520
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
BGU 57E4	120	80	200	5.00	0.524

optional accessories

SD Expansion anchor 487



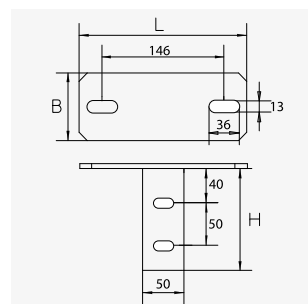
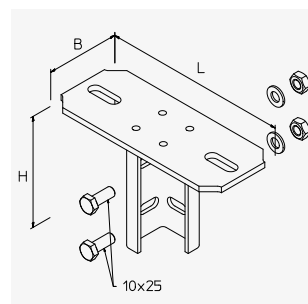
BGU 60

Bolted head plate, KHU 60

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGU 60F	120	80	200	1.289
steel, galvanic zinc plated				
BGU 60GV	120	80	200	1.251
Stainless steel, acc. to AISI 304 (BS 304S31)				
BGU 60E	120	80	200	1.259
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
BGU 60E4	120	80	200	1.256

optional accessories

SD Expansion anchor 487



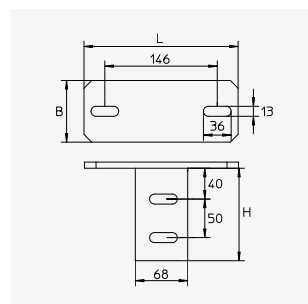
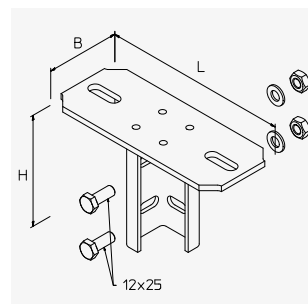
BGU 80

Screw-on head plate, KHU 80

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGU 80F	120	80	200	1.850

optional accessories

SD Expansion anchor 487



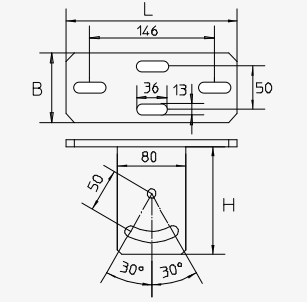
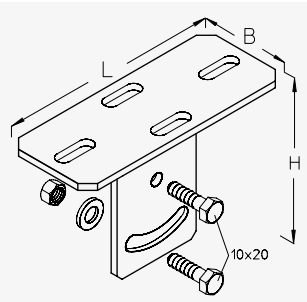
BGUD

Screw-on head plate, $\pm 30^\circ$, KHU 40/57/60

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGUD F	125	80	200	1.239
steel, galvanic zinc plated				
BGUD GV	125	80	200	1.165
Stainless steel, acc. to AISI 304 (BS 304S31)				
BGUD E	125	80	200	1.172

optional accessories

SD Expansion anchor 487



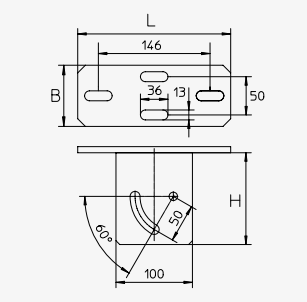
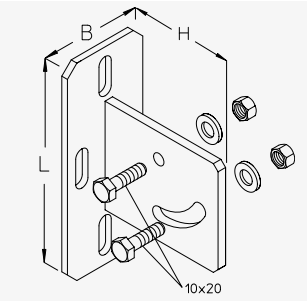
BGUDW

Screw-on head plate, $30^\circ-90^\circ$, KHU 40/57/60

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGUDW F	120	80	200	1.340
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
BGUDW E4	120	80	200	1.250

optional accessories

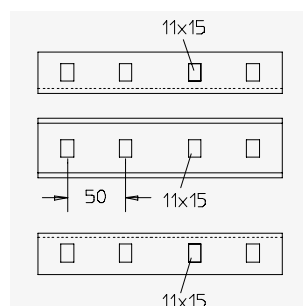
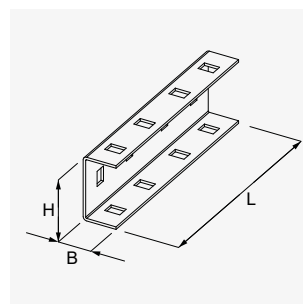
SD Expansion anchor 487



KHUV 40

Connector, KHU 40

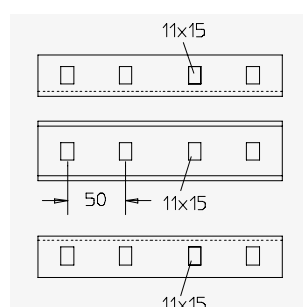
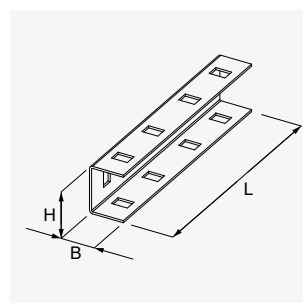
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KHUV 40S	41	32	210	2.00	0.449
Steel, hot-dip galvanised					
KHUV 40F	41	32	210	2.00	0.470
steel, galvanic zinc plated					
KHUV 40GV	41	32	210	2.00	0.437
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHUV 40E	41	32	210	2.00	0.451
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHUV 40E4	41	32	210	2.00	0.455



KHUV 57

Connector, KHU 57

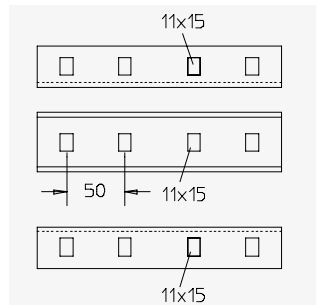
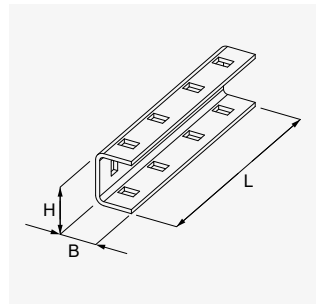
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KHUV 57S	58	33	210	2.50	0.598
Steel, hot-dip galvanised					
KHUV 57F	58	33	210	2.50	0.630
steel, galvanic zinc plated					
KHUV 57GV	58	33	210	2.50	0.586
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHUV 57E	58	33	210	2.50	0.601
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHUV 57E4	58	33	210	2.50	0.607



KHUV 60

Connector, KHU 60

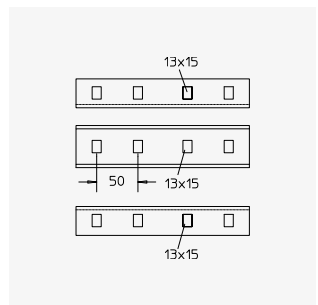
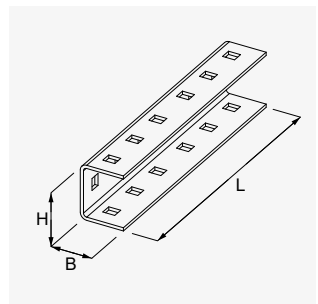
Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KHUV 60F	51	35	210	4.00	0.828
steel, galvanic zinc plated					
KHUV 60GV	51	35	210	4.00	0.771
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHUV 60E	51	35	210	4.00	0.787
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHUV 60E4	51	35	210	4.00	0.796



KHUV 80

Connector, KHU 80

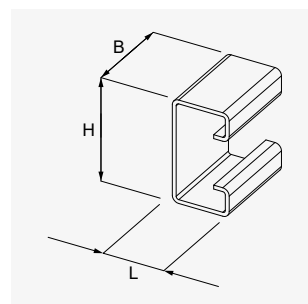
Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KHUV 80F	69	54	310	4.00	2.003



KHUSS 40

Support piece, KHU 40

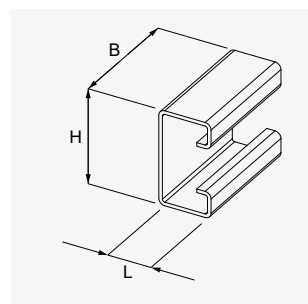
Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHUSS 40S	40	35	22	0.105
Steel, hot-dip galvanised				
KHUSS 40F	40	35	22	0.108
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHUSS 40E	40	35	22	0.105
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHUSS 40E4	40	35	22	0.103



KHUSS 57

Support piece, KHU 57

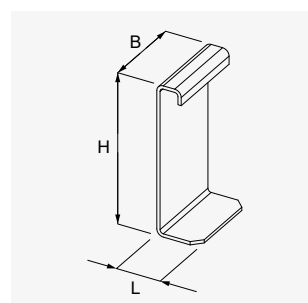
Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHUSS 57S	40	51	22	0.134
Steel, hot-dip galvanised				
KHUSS 57F	40	51	22	0.138
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHUSS 57E	40	51	22	0.135
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHUSS 57E4	40	51	22	0.133



KHUSS 60

Support piece, KHU 60

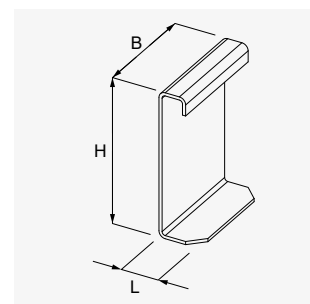
Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHUSS 60S	93	51	26	0.180
Steel, hot-dip galvanised				
KHUSS 60F	93	51	26	0.182
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHUSS 60E	93	51	26	0.184
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHUSS 60E4	93	51	26	0.182



KHUSS 80

Support piece, KHU 80

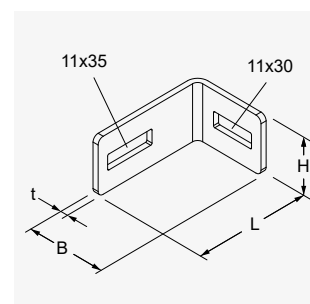
Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
KHUSS 80F	93	69	26	0.285



BL 4

Mounting bracket

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
BL 4F	40	54	83	4.00	0.149
steel, galvanic zinc plated					
BL 4GV	40	54	83	4.00	0.139
Stainless steel, acc. to AISI 304 (BS 304S31)					
BL 4E	40	54	83	4.00	0.140



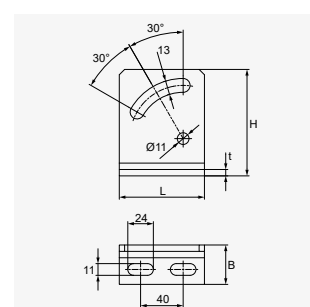
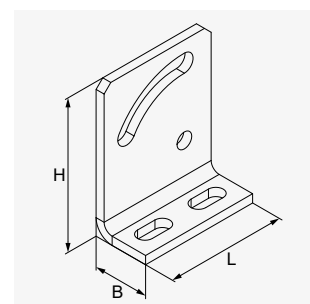
optional accessories

SD	Expansion anchor	487
KLS	Clamp fastening set	477

BLD

Diagonal adaptor

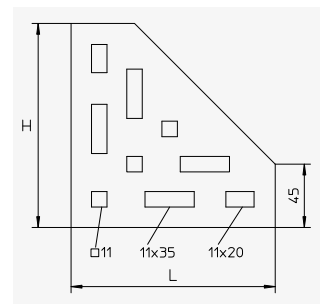
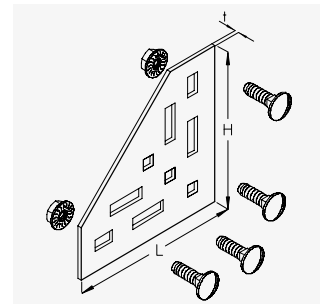
Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
BLD F	100	37	80	6.00	0.412



KB

Junction plate

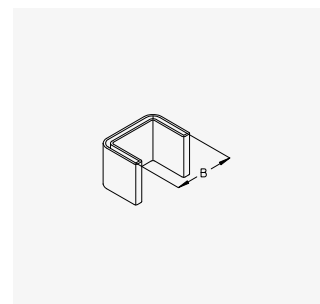
Article	H mm	L mm	t mm	W °	G kg
Steel, hot-dip galvanised					
KB F	150	150	3.00	90°	0.484
Stainless steel, acc. to AISI 304 (BS 304S31)					
KB E	150	150	2.00	90°	0.464



SU 40

Protection cap, KHU 40

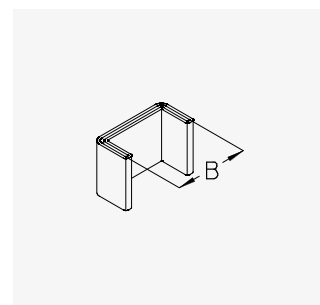
Article	B mm	G kg
polyethylen		
SU 40	40	0.013



SU 57

Protection cap, KHU 57

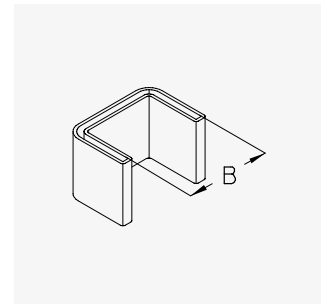
Article	B mm	G kg
polyethylen		
SU 57	57	0.015



SU 60

Protection cap, KHU 60

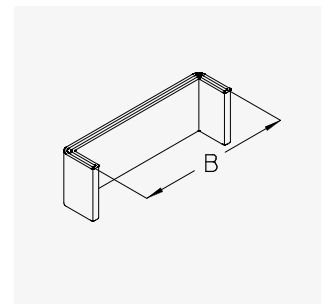
Article	B mm	G kg
polyethylen		
SU 60	60	0.022



SU 80

Protection cap, KHU 80

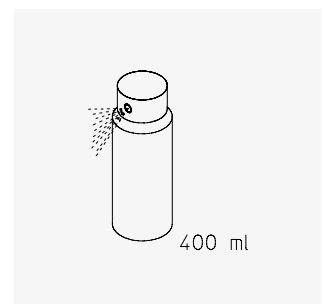
Article	B mm	G kg
polyethylen		
SU 80	80	0.030



KZS

Cold zinc spray

Article	G kg
KZS	0.403



KZF

Cold zinc paint

Article	G kg
KZF	1.035

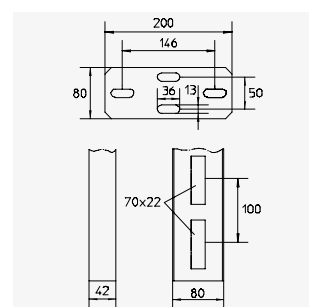
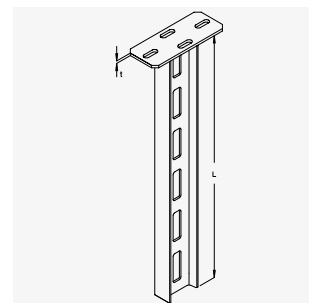


I-Profile System

KDI

Bracket support, heavy, 80x42 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KDI 02F	200	80	42	6.00	1.860
KDI 03F	300	80	42	6.00	2.380
KDI 04F	400	80	42	6.00	2.920
KDI 05F	500	80	42	6.00	3.650
KDI 06F	600	80	42	6.00	4.170
KDI 07F	700	80	42	6.00	4.700
KDI 08F	800	80	42	6.00	5.370
KDI 09F	900	80	42	6.00	5.840
KDI 10F	1000	80	42	6.00	6.600
KDI 11F	1100	80	42	8.00	7.100
KDI 12F	1200	80	42	8.00	7.680
KDI 13F	1300	80	42	8.00	8.260
KDI 14F	1400	80	42	8.00	8.840
KDI 15F	1500	80	42	8.00	9.420
KDI 16F	1600	80	42	8.00	10.010
KDI 17F	1700	80	42	8.00	10.590
KDI 18F	1800	80	42	8.00	11.180
KDI 19F	1900	80	42	8.00	11.760
KDI 20F	2000	80	42	8.00	12.350
KDI 21F	2100	80	42	8.00	12.930
KDI 22F	2200	80	42	8.00	13.520
KDI 23F	2300	80	42	8.00	14.100
KDI 24F	2400	80	42	8.00	14.690
KDI 25F	2500	80	42	8.00	15.270
KDI 26F	2600	80	42	8.00	15.890
KDI 27F	2700	80	42	8.00	16.440
KDI 28F	2800	80	42	8.00	17.030
KDI 29F	2900	80	42	8.00	17.610
KDI 30F	3000	80	42	8.00	18.200



optional accessories

KHI	Bracket support, heavy, 80x42 mm	436
KDIA-G	Adapter for KDI, welded	440
KT	Bracket, standard, KDI/KHI	437
KTS	Bracket, heavy, KDI/KHI	437
KTSS	Bracket, very heavy, KDI/KHI	438
SD	Expansion anchor	487
SI	Protection cap, KDI/KHI	271,444

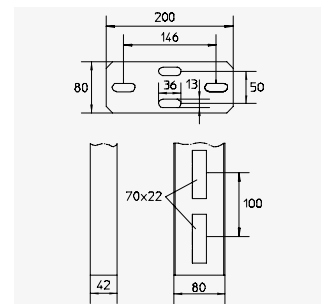
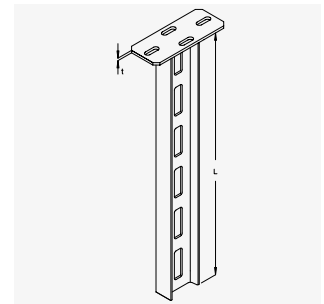
KDI

Bracket support, heavy, 80x42 mm

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, galvanic zinc plated					
KDI 02GV	200	80	42	6.00	1.722
KDI 03GV	300	80	42	6.00	2.204
KDI 04GV	400	80	42	6.00	2.704
KDI 05GV	500	80	42	6.00	3.410
KDI 06GV	600	80	42	6.00	3.900
KDI 07GV	700	80	42	6.00	4.390
KDI 08GV	800	80	42	6.00	5.020
KDI 09GV	900	80	42	6.00	5.460
KDI 10GV	1000	80	42	6.00	6.170
KDI 11GV	1100	80	42	8.00	6.640
KDI 12GV	1200	80	42	8.00	7.180
KDI 13GV	1300	80	42	8.00	7.720
KDI 14GV	1400	80	42	8.00	8.260
KDI 15GV	1500	80	42	8.00	8.800
KDI 20GV	2000	80	42	8.00	11.540
KDI 25GV	2500	80	42	8.00	14.270

optional accessories

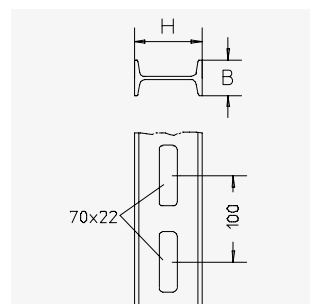
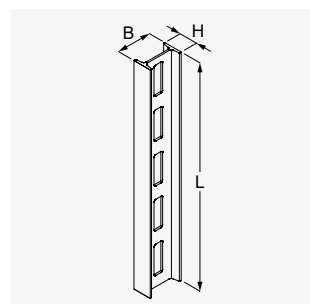
KHI	Bracket support, heavy, 80x42 mm	436
KDIA-G	Adapter for KDI, welded	440
KT	Bracket, standard, KDI/KHI	437
KTS	Bracket, heavy, KDI/KHI	437
KTSS	Bracket, very heavy, KDI/KHI	438
SD	Expansion anchor	487
SI	Protection cap, KDI/KHI	271,444



KHI

Bracket support, heavy, 80x42 mm

Article	L mm	B _p mm	H _p mm	G kg
Steel, hot-dip galvanised				
KHI 02F	200	80	42	1.120
KHI 03F	300	80	42	1.680
KHI 04F	400	80	42	2.240
KHI 05F	500	80	42	2.800
KHI 06F	600	80	42	3.360
KHI 07F	700	80	42	3.920
KHI 08F	800	80	42	4.480
KHI 09F	900	80	42	5.040
KHI 10F	1000	80	42	5.600
KHI 11F	1100	80	42	6.160
KHI 12F	1200	80	42	6.720
KHI 13F	1300	80	42	7.280
KHI 14F	1400	80	42	7.840
KHI 15F	1500	80	42	8.400
KHI 16F	1600	80	42	8.960
KHI 17F	1700	80	42	9.520
KHI 18F	1800	80	42	10.080
KHI 19F	1900	80	42	10.640
KHI 20F	2000	80	42	11.200
KHI 21F	2100	80	42	11.760
KHI 22F	2200	80	42	12.320
KHI 23F	2300	80	42	12.880
KHI 24F	2400	80	42	13.440
KHI 25F	2500	80	42	14.000
KHI 26F	2600	80	42	14.560
KHI 27F	2700	80	42	15.120
KHI 28F	2800	80	42	15.680
KHI 29F	2900	80	42	16.240
KHI 30F	3000	80	42	17.800
KHI 60F	6000	80	42	35.600



optional accessories

KT	Bracket, standard, KDI/KHI	437
KTS	Bracket, heavy, KDI/KHI	437
KTSS	Bracket, very heavy, KDI/KHI	438
BL 7	Mounting bracket	271, 442
BL 3	Mounting bracket	442
BLI	Corner angle, KHI	443
BGI	Bolted head plate, KHI	270, 438
BGIQ	Bolted head plate turned 90°, KHI	270, 439
BGID	Screw-on head plate, ±30°, KHI	439
HKI	Connector, KHI	269, 440
HKIW	Mounting bracket, KHI	441
HKIQ	Mounting bracket, transverse, KHI	441
SI	Protection cap, KDI/KHI	271, 444

KT

Bracket, standard, KDI/KHI

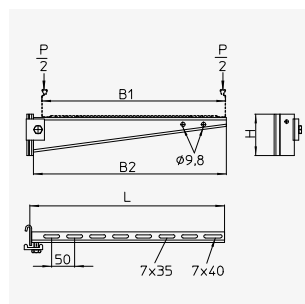
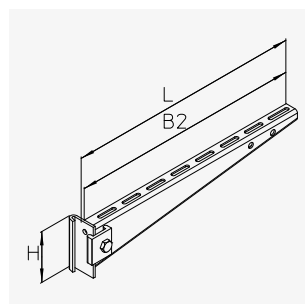
Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
KT 010F	50	100	120	124	2.00	0.259
KT 020F	70	200	220	224	2.00	0.484
KT 030F	70	300	320	324	2.00	0.594
KT 040F	90	400	420	424	2.00	0.958
KT 050F	110	500	520	524	2.00	1.429
KT 060F	110	600	620	624	2.10	1.654

steel, galvanic zinc plated

KT 010GV	50	100	120	124	2.00	0.242
KT 020GV	70	200	220	224	2.00	0.463
KT 030GV	70	300	320	324	2.00	0.558
KT 040GV	90	400	420	424	2.00	0.895
KT 050GV	110	500	520	524	2.00	1.338
KT 060GV	110	600	620	624	2.10	1.548

optional accessories

KLU	Clamp fastening set	119,481
KLR	Clamp fastening set	477



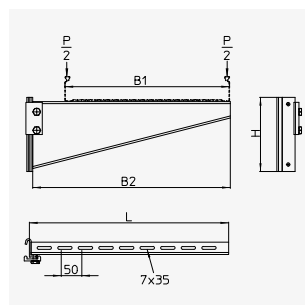
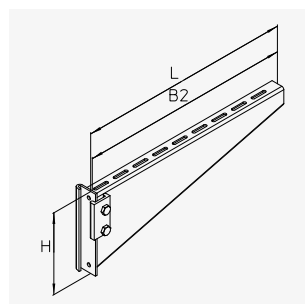
KTS

Bracket, heavy, KDI/KHI

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
KTS 020F	180	200	280	284	7.00	1.588
KTS 030F	180	300	380	384	6.30	1.985
KTS 040F	180	400	480	484	5.50	2.271
KTS 050F	180	500	580	584	4.90	2.673
KTS 060F	180	600	680	684	4.30	3.010
KTS 070F	180	600	780	784	3.60	3.440
KTS 080F	180	600	880	884	3.00	3.805
KTS 090F	180	600	980	984	2.30	4.216
KTS 100F	180	600	1080	1084	1.70	4.471

optional accessories

KLU	Clamp fastening set	119,481
WPHS-K	Wide-span rail support (bracket)	217
WLHS	Wide-span cable ladder rail support	219
WLKL	Wide-span cable ladder hold-down clamp	220



KTSS

Bracket, very heavy, KDI/KHI

Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
KTSS 020F	100	200	280	321	12.00	2.595
KTSS 030F	135	300	380	421	12.00	3.195
KTSS 040F	165	400	480	521	12.00	3.775
KTSS 050F	200	500	580	621	12.00	4.365
KTSS 060F	230	600	680	721	12.00	4.685

optional accessories

WPHS-A	Wide-span rail support (profile rail)	218
WLHS	Wide-span cable ladder rail support	219
WLKLA	Wide-span cable ladder hold-down clamp	220

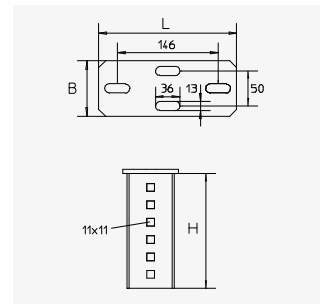
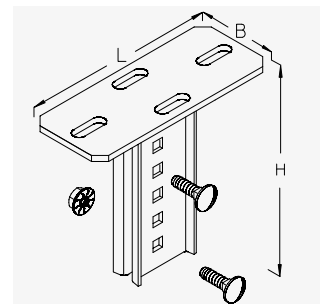
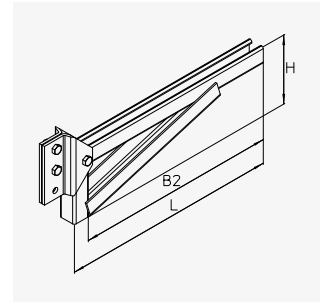
BGI

Bolted head plate, KHI

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGI F	165	80	200	1.542

optional accessories

SD	Expansion anchor	487
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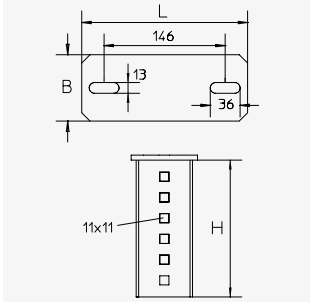
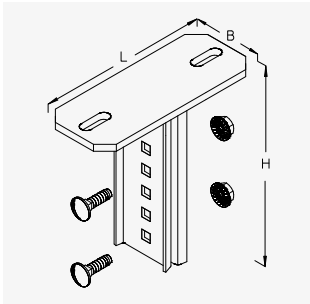
BGIQ

Bolted head plate turned 90°, KHI

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGIQ F	165	80	200	1.708

optional accessories

SD	Expansion anchor	487
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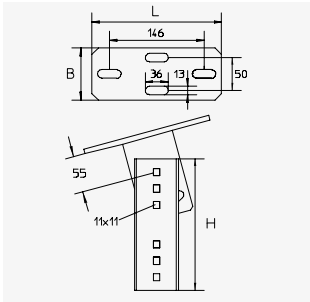
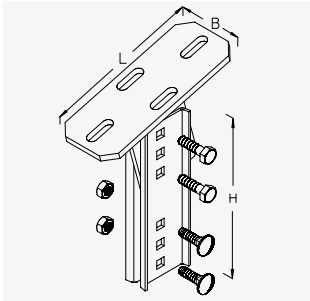
BGID

Screw-on head plate, ±30°, KHI

Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
BGID F	200	80	200	2.032

optional accessories

SD	Expansion anchor	487
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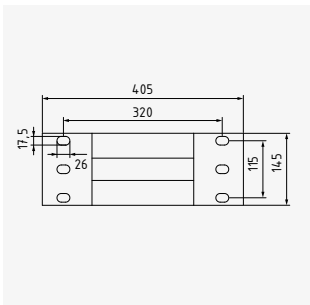
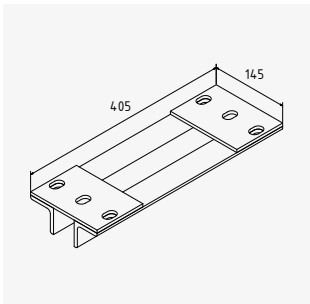
KDIA-G

Adapter for KDI, welded

Article	G
	kg
Steel, hot-dip galvanised	
KDIA-G F	6.260

optional accessories

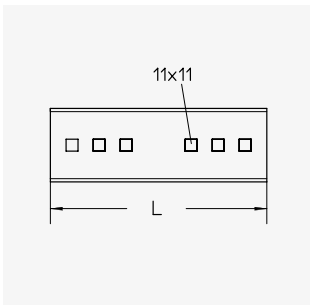
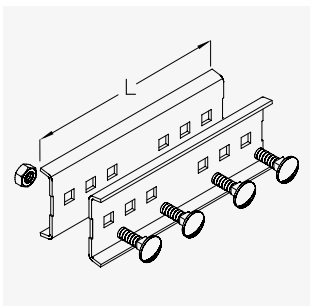
SD	Expansion anchor	487
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HKI

Connector, KHI

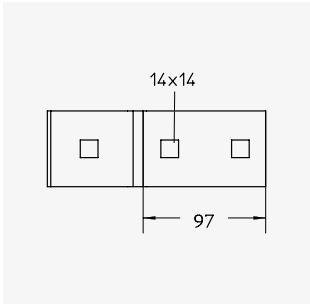
Article	H	L	G
	mm	mm	kg
Steel, hot-dip galvanised			
HKI F	68	200	0.886



HKIW

Mounting bracket, KHI

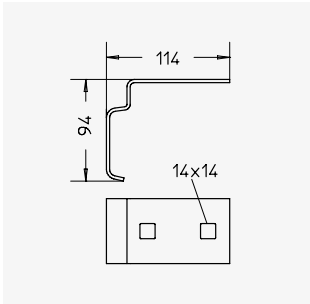
Article	H	B	L	W	G
	mm	mm	mm		kg
Steel, hot-dip galvanised					
HKIW F	60	30	172	90°	0.792
steel, galvanic zinc plated					
HKIW GV	60	30	172	90°	0.739



HKIQ

Mounting bracket, transverse, KHI

Article	H	B	L	W	G
	mm	mm	mm		kg
Steel, hot-dip galvanised					
HKIQ F	60	94	114	90°	1.244



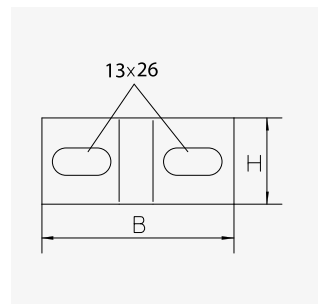
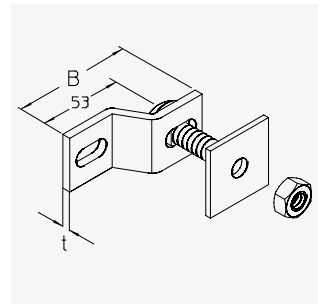
BL 3

Mounting bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BL 3F	30	40	90	6.00	0.302

optional accessories

SD	Expansion anchor	487
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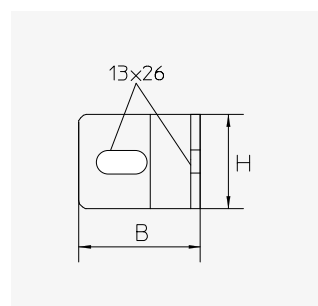
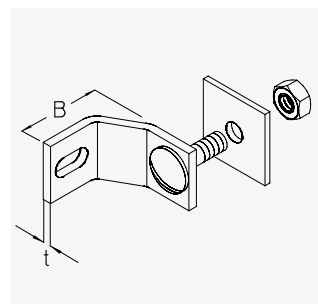
BL 7

Mounting bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BL 7F	65	50	65	5.00	0.337
steel, galvanic zinc plated					
BL 7GV	65	50	65	5.00	0.328

optional accessories

SD	Expansion anchor	487
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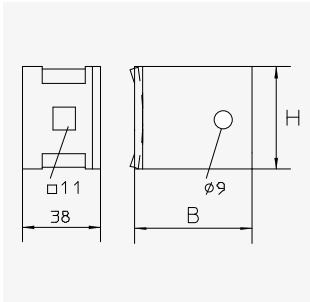
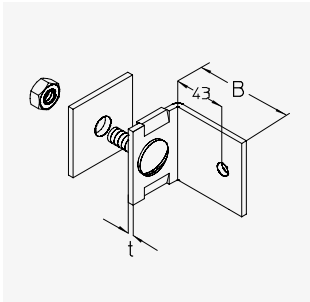
BL 8

Mounting bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BL 8 F	38	50	58	4.00	0.254

optional accessories

SD	Expansion anchor	487
KLS	Clamp fastening set	477



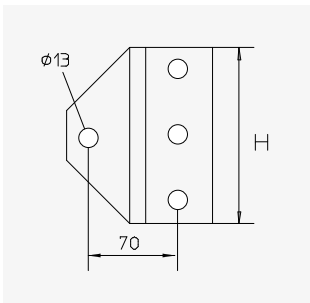
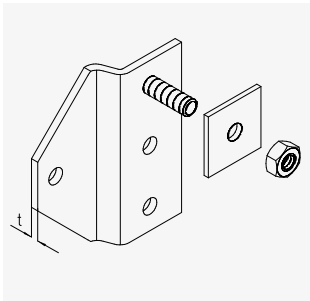
BLI

Corner angle, KHI

Article	H	B	t	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
BLI F	140	113	6.00	0.761

optional accessories

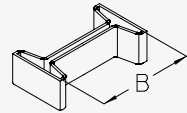
SD	Expansion anchor	487
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SI

Protection cap, KDI/KHI

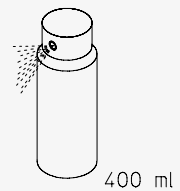
Article	B mm	G kg
polyethylen		
SI	80	0.014



KZS

Cold zinc spray

Article	G kg
KZS	0.403



KZF

Cold zinc paint

Article	G kg
KZF	1.035



STRUT Mounting System

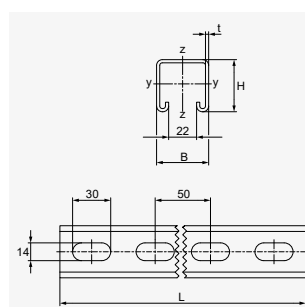
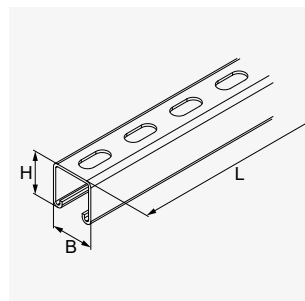
KHA 41

41x41 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 41-01F	100	41	41	2.50	0.260
KHA 41-02F	200	41	41	2.50	0.500
KHA 41-03F	300	41	41	2.50	0.700
KHA 41-04F	400	41	41	2.50	1.000
KHA 41-05F	500	41	41	2.50	1.300
KHA 41-06F	600	41	41	2.50	1.600
KHA 41-07F	700	41	41	2.50	1.800
KHA 41-08F	800	41	41	2.50	2.100
KHA 41-09F	900	41	41	2.50	2.400
KHA 41-10F	1000	41	41	2.50	2.600
KHA 41-11F	1100	41	41	2.50	2.900
KHA 41-12F	1200	41	41	2.50	3.200
KHA 41-13F	1300	41	41	2.50	3.400
KHA 41-14F	1400	41	41	2.50	3.700
KHA 41-15F	1500	41	41	2.50	4.000
KHA 41-20F	2000	41	41	2.50	5.200
KHA 41-30F	3000	41	41	2.50	7.800
KHA 41-60F	6000	41	41	2.50	15.600

optional accessories

AKL 41	Rail clamp	451
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
BGA 41	Screw-on head plate, KHA 41	449
BGA 41/2	Screw-on head plate, KHA 41/82	450
RUS 41	U-shaped washer, A/KHA 21/41/42/82	513
SKS A	Clamping claw, heavy, A/KHA 21/41/42/82	479
SA 2	Protection cap, cadmium yellow RAL 1021	455
SAI 41	Protection cap, white/black	456
KA 41	Stem support, standard, KDAG 41, A/KHA 21/41/42/82	449
KA 30	Bracket, light	448
AV 41	Connector, A/KHA 21/41/42/82	451, 470
BL 5	Mounting bracket	450
AVL	Rail connector	452, 470
AVE	Rail connector, corner	452, 471
AVA	Rail connector, branch	453
AVB	Rail connector bracket	453, 471
AVLW	Channel connector, 90°	454, 472
AVAW	Rail connector bracket	454, 472
RP	Back plate for wall bracket KW/KWF	485



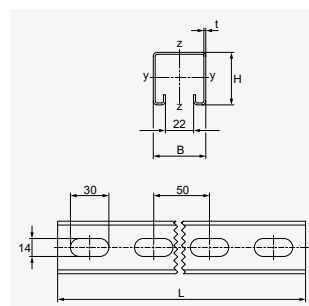
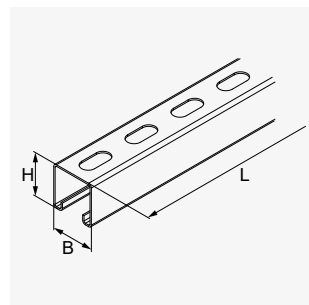
KHAL 41

41x41 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KHAL 41-30S	3000	41	41	1.50	4.680
KHAL 41-60S	6000	41	41	1.50	9.360
Steel, hot-dip galvanised					
KHAL 41-05F	500	41	41	1.50	0.834
KHAL 41-10F	1000	41	41	1.50	1.669
KHAL 41-15F	1500	41	41	1.50	2.503
KHAL 41-20F	2000	41	41	1.50	3.337
KHAL 41-30F	3000	41	41	1.50	5.006
KHAL 41-60F	6000	41	41	1.50	10.012

optional accessories

AKL 41	Rail clamp	451
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
BGA 41	Screw-on head plate, KHA 41	449
BGA 41/2	Screw-on head plate, KHA 41/82	450
RUS 41	U-shaped washer, A/KHA 21/41/42/82	513
SKS A	Clamping claw, heavy, A/KHA 21/41/42/82	479
SA 2	Protection cap, cadmium yellow RAL 1021	455
SAI 41	Protection cap, white/black	456
KA 41	Stem support, standard, KDAG 41, A/KHA 21/41/42/82	449
KA 30	Bracket, light	448
AV 41	Connector, A/KHA 21/41/42/82	451,470
BL 5	Mounting bracket	450
AVL	Rail connector	452,470
AVE	Rail connector, corner	452,471
AVA	Rail connector, branch	453
AVB	Rail connector bracket	453,471
AVLW	Channel connector, 90°	454,472
AVAW	Rail connector bracket	454,472



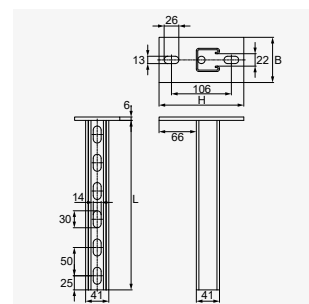
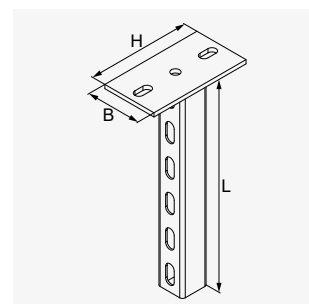
KDAG 41

Ceiling bracket support, 41x41 mm

Article	H mm	B mm	B _p mm	H _p mm	L mm	G kg
Steel, hot-dip galvanised						
KDAG 41-02F	150	80	41	41	200	1.091
KDAG 41-03F	150	80	41	41	300	1.348
KDAG 41-04F	150	80	41	41	400	1.616
KDAG 41-05F	150	80	41	41	500	1.873
KDAG 41-06F	150	80	41	41	600	2.129
KDAG 41-07F	150	80	41	41	700	2.379
KDAG 41-08F	150	80	41	41	800	2.654
KDAG 41-09F	150	80	41	41	900	2.910
KDAG 41-10F	150	80	41	41	1000	3.178

optional accessories

KHA 41	41x41 mm profile rail, perforated	324,445
AKL 41	Rail clamp	451
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
BGA 41	Screw-on head plate, KHA 41	449
BGA 41/2	Screw-on head plate, KHA 41/82	450
RUS 41	U-shaped washer, A/KHA 21/41/42/82	513
SKS A	Clamping claw, heavy, A/KHA 21/41/42/82	479
SA 2	Protection cap, cadmium yellow RAL 1021	455
SAI 41	Protection cap, white/black	456
KA 41	Stem support, standard, KDAG 41, A/KHA 21/41/42/82	449
KA 30	Bracket, light	448
AV 41	Connector, A/KHA 21/41/42/82	451,470
BL 5	Mounting bracket	450
AVL	Rail connector	452,470
AVE	Rail connector, corner	452,471
AVA	Rail connector, branch	453
AVB	Rail connector bracket	453,471
AVLW	Channel connector, 90°	454,472
AVAW	Rail connector bracket	454,472
SD	Expansion anchor	487



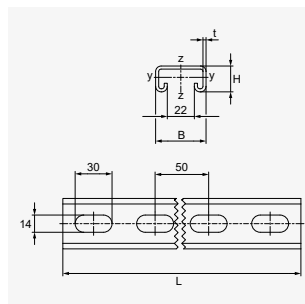
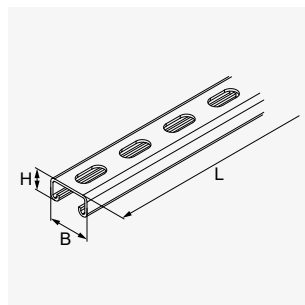
KHA 21

41x21 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 21-30F	3000	41	21	2.50	5.320
KHA 21-60F	6000	41	21	2.50	10.639
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHA 21-30E4	3000	41	21	2.50	4.970
KHA 21-60E4	6000	41	21	2.50	9.943

optional accessories

AKL 41	Rail clamp	451
AM 22	Channel nut	515
BGA 41	Screw-on head plate, KHA 41	449
BGA 41/2	Screw-on head plate, KHA 41/82	450
RUS 41	U-shaped washer, A/KHA 21/41/42/82	513
SKS A	Clamping claw, heavy, A/KHA 21/41/42/82	479
SA 1	Protection cap, cadmium yellow RAL 1021	455
SAI 21	Protection cap, white/black	456
KA 41	Stem support, standard, KDAG 41, A/KHA 21/41/42/82	449
KA 30	Bracket, light	448
AV 41	Connector, A/KHA 21/41/42/82	451, 470
BL 5	Mounting bracket	450
AVL	Rail connector	452, 470
AVE	Rail connector, corner	452, 471
AVA	Rail connector, branch	453
AVB	Rail connector bracket	453, 471
AVLW	Channel connector, 90°	454, 472
AVAW	Rail connector bracket	454, 472



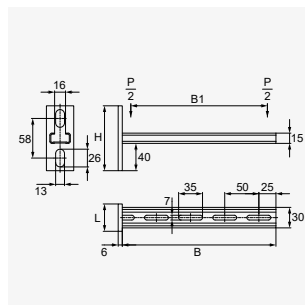
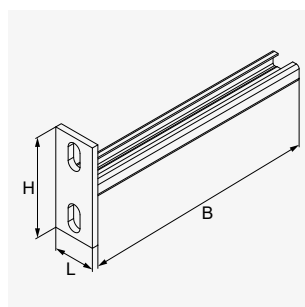
KA 30

Bracket, light

Article	H mm	B mm	B1 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
KA 30-010F	95	125	100	40	0.50	0.250
KA 30-015F	95	175	150	40	0.50	0.290
KA 30-020F	95	225	200	40	0.50	0.330
KA 30-025F	95	275	250	40	0.50	0.360
KA 30-030F	95	325	300	40	0.50	0.400
KA 30-040F	95	425	400	40	0.50	0.470

optional accessories

HS16	Tee-head bolt	519
AM 16	Channel nut	518
KLU	Clamp fastening set	119, 481
KLR	Clamp fastening set	477
SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 21	41x21 mm profile rail, perforated	448



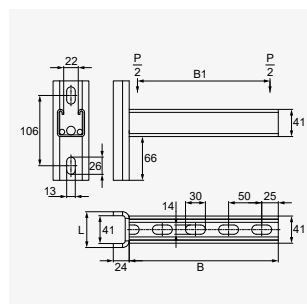
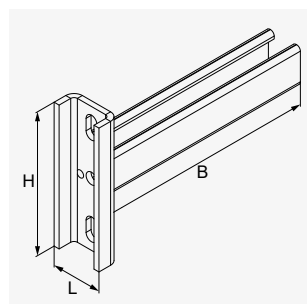
KA 41

Stem support, standard, KDAG 41, A/KHA 21/41/42/82

Article	H mm	B mm	B1 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
KA 41-010F	150	125	100	54	4.30	0.890
KA 41-015F	150	175	150	54	4.30	1.020
KA 41-020F	150	225	200	54	4.30	1.150
KA 41-025F	150	275	250	54	4.30	1.280
KA 41-030F	150	325	300	54	4.30	1.410
KA 41-040F	150	425	400	54	4.30	1.670
KA 41-050F	150	525	500	54	4.30	1.930
KA 41-060F	150	625	600	54	4.30	2.200

optional accessories

HS16	Tee-head bolt	519
AM 16	Channel nut	518
KLU	Clamp fastening set	119,481
KLR	Clamp fastening set	477
SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
KHA 41	41x41 mm profile rail, perforated	324,445
KHA 21	41x21 mm profile rail, perforated	448



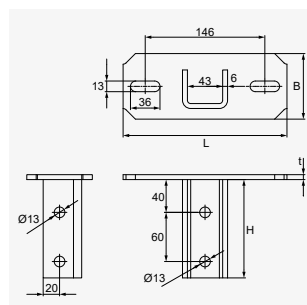
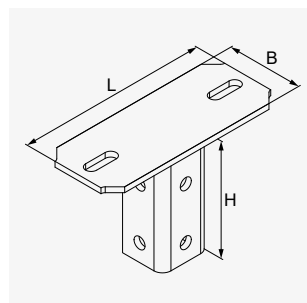
BGA 41

Screw-on head plate, KHA 41

Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
BGA 41F	120	80	200	6.00	1.470

optional accessories

SD	Expansion anchor	487
SKL M	Beam clamp set	480
SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
KHA 41	41x41 mm profile rail, perforated	324,445
KHAL 41	41x41 mm profile rail, perforated	446



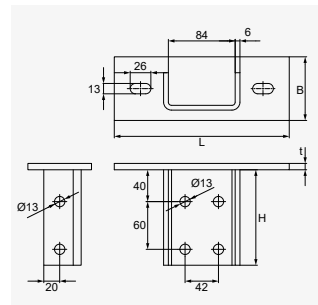
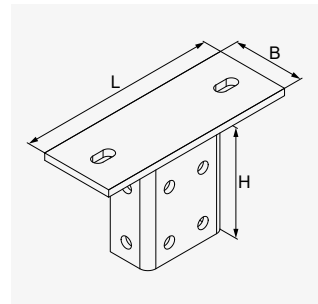
BGA 41/2

Screw-on head plate, KHA 41/82

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BGA 41/2F	120	80	220	8.00	2.150
steel, galvanic zinc plated					
BGA 41/2GV	120	80	220	8.00	1.991

optional accessories

SD	Expansion anchor	487
SKL M	Beam clamp set	480
SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
KHA 41	41x41 mm profile rail, perforated	324, 445
KHAL 41	41x41 mm profile rail, perforated	446
KHA 82	41x82 mm profile rail, perforated	466



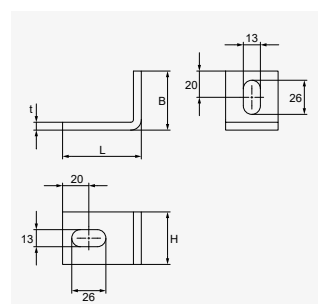
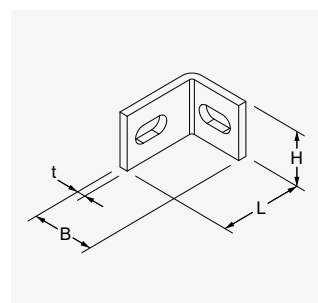
BL 5

Mounting bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BL 5F	40	45	60	6.00	0.162
Stainless steel, acc. to AISI 304 (BS 304S31)					
BL 5E	40	45	60	6.00	0.152
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
BL 5E4	40	45	60	6.00	0.153

optional accessories

SD	Expansion anchor	487
SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
HS18	Tee-head bolt	518
AM 18	Channel nut	516
AMF 18	Channel nut with spring	517
KHA 82	41x82 mm profile rail, perforated	466
KHA 42	41x42 mm profile rail, perforated	465
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 21	41x21 mm profile rail, perforated	448
KHAL 41	41x41 mm profile rail, perforated	446
KHU 40	Bracket support, 40x30 mm	419
KHU 57	Bracket support, 57x30 mm	421
KHU 60	Bracket support, heavy duty, 60x40 mm	423



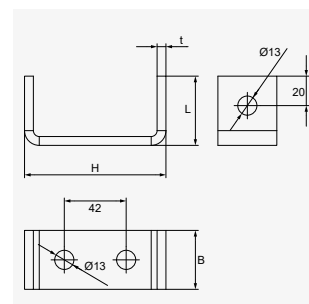
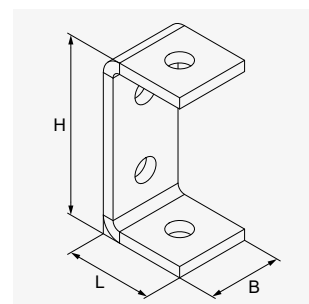
AKL 41

Rail clamp

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
AKL 41F	96	40	47	6.00	0.314

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
KHA 41	41x41 mm profile rail, perforated	324,445
GB	Threaded rod, DIN 976-1	492
SEM	Hexagon nut, DIN 934	511



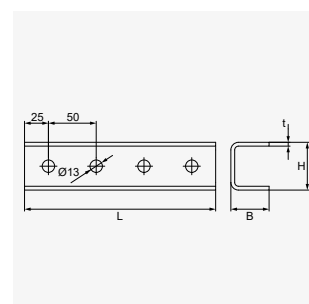
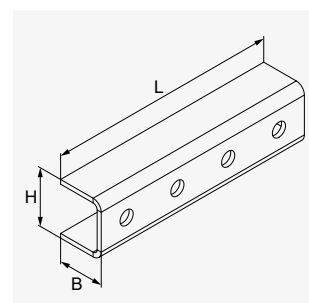
AV 41

Connector, A/KHA 21/41/42/82

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
AV 41F	50	40	200	4.00	0.723

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
A 41	41x41 mm profile rail, unperforated	460
KHA 21	41x21 mm profile rail, perforated	448
KHA 41	41x41 mm profile rail, perforated	324,445
KHA 42	41x42 mm profile rail, perforated	465
KHA 82	41x82 mm profile rail, perforated	466



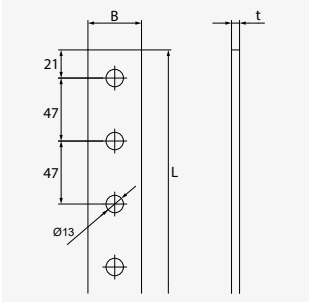
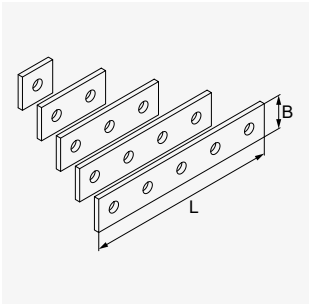
AVL

Rail connector

Article	B	L	t	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
AVL-1F	40	42	6.00	0.078
AVL-2F	40	89	6.00	0.165
AVL-3F	40	136	6.00	0.239
AVL-4F	40	183	6.00	0.322
AVL-5F	40	230	6.00	0.404

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



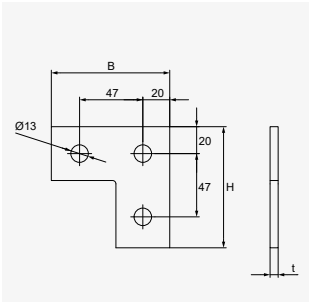
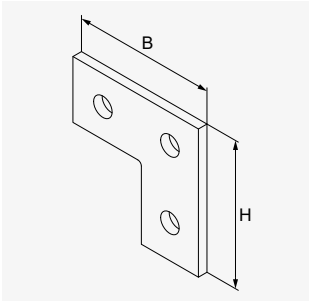
AVE

Rail connector, corner

Article	H	B	t	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
AVE F	90	88	6.00	0.270

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



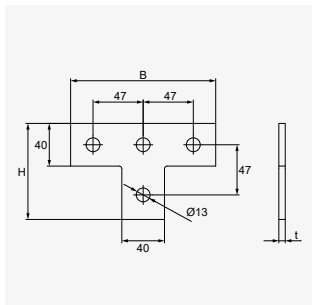
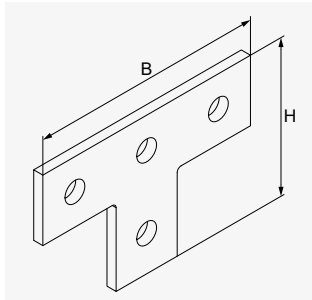
AVA

Rail connector, branch

Article	H	B	t	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
AVA F	90	136	6.00	0.350

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



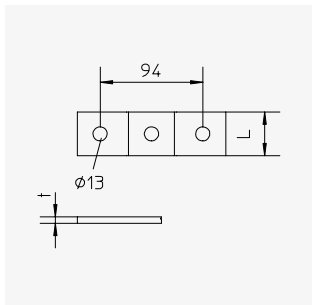
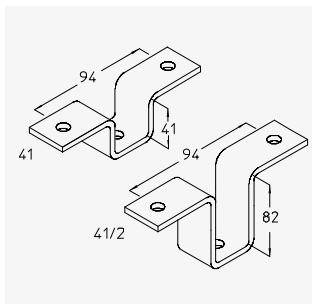
AVB

Rail connector bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
AVB 21F	28	40	134	6.00	0.315
AVB 41F	48	40	134	6.00	0.565
AVB 41/2F	90	40	134	6.00	0.369

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



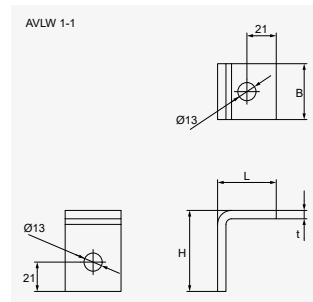
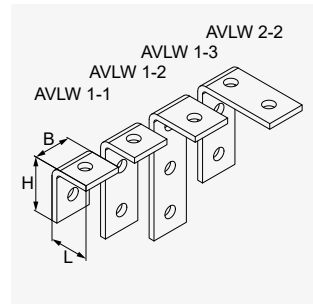
AVLW

Channel connector, 90°

Article	H	B	L	t	W	G
	mm	mm	mm	mm		kg
Steel, hot-dip galvanised						
AVLW 1-1F	58	40	42	6.00	90°	0.170
AVLW 1-2F	105	40	42	6.00	90°	0.260
AVLW 1-3F	137	40	57	6.00	90°	0.350
AVLW 2-2F	105	40	89	6.00	90°	0.350

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



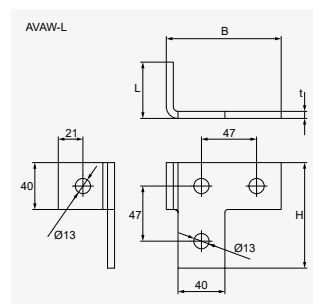
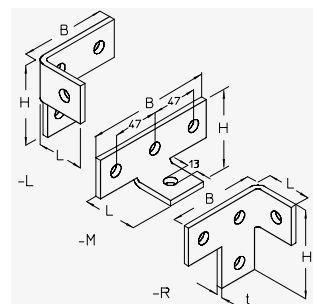
AVAW

Rail connector bracket

Article	H	B	L	t	W	G
	mm	mm	mm	mm		kg
Steel, hot-dip galvanised						
AVAW-L F	90	98	48	6.00	90°	0.350
AVAW-M F	50	136	51	6.00	90°	0.350
AVAW-R F	90	98	48	6.00	90°	0.350

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



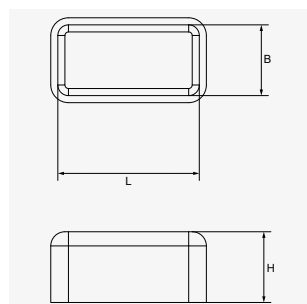
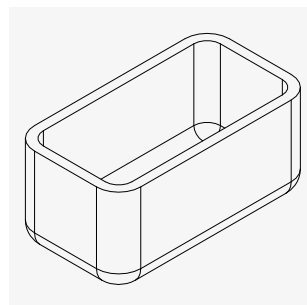
SA 1

Protection cap, cadmium yellow RAL 1021

Article	H mm	B mm	L mm	G kg
polyethylen				
SA 1	20	22	40	0.005

optional accessories

KHA 8	40x22 mm profile rail, perforated	464
A 8	40x22 mm profile rail, unperforated	459
KHA 7	39.5x22 mm profile rail, perforated	462
A 7	39.5x22 mm profile rail, unperforated	459
KHA 21	41x21 mm profile rail, perforated	448



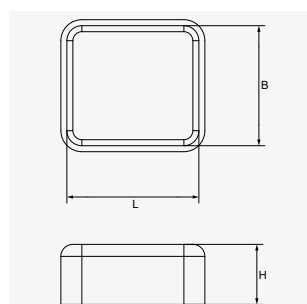
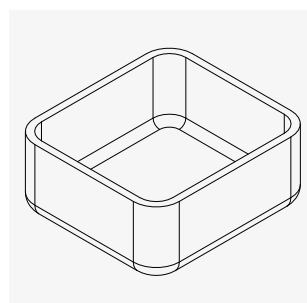
SA 2

Protection cap, cadmium yellow RAL 1021

Article	H mm	B mm	L mm	G kg
polyethylen				
SA 2	20	41	41	0.009

optional accessories

KHAL 41	41x41 mm profile rail, perforated	446
KHA 42	41x42 mm profile rail, perforated	465
KHA 41	41x41 mm profile rail, perforated	324, 445
A 41	41x41 mm profile rail, unperforated	460



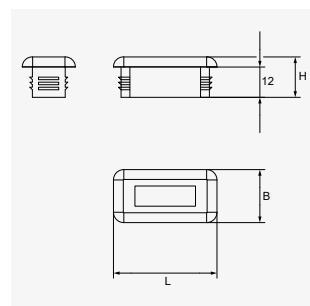
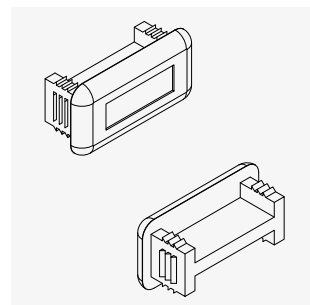
SAI 21

Protection cap, white/black

Article	H	B	L	colour	G
	mm	mm	mm		kg
polyethylen					
SAI 21-S	16	21	41	black	0.010
SAI 21-W	16	21	41	white	0.010

optional accessories

KHA 21	41x21 mm profile rail, perforated	448
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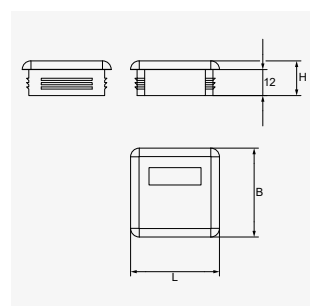
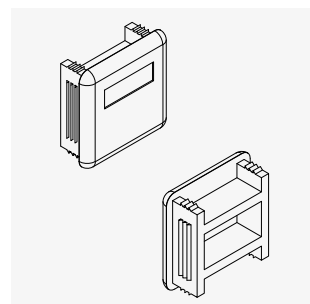
SAI 41

Protection cap, white/black

Article	H	B	L	colour	G
	mm	mm	mm		kg
polyethylen					
SAI 41-S	16	41	41	black	0.010
SAI 41-W	16	41	41	white	0.010

optional accessories

KHA 41	41x41 mm profile rail, perforated	324,445
A 41	41x41 mm profile rail, unperforated	460



KZS

Cold zinc spray

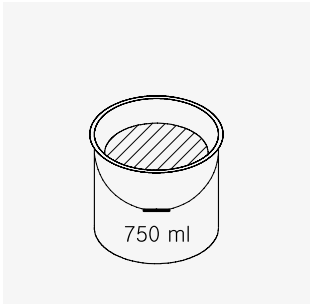
Article	G
	kg
KZS	0.403



KZF

Cold zinc paint

Article	G
	kg
KZF	1.035



C-Profiles

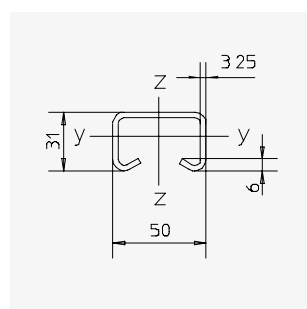
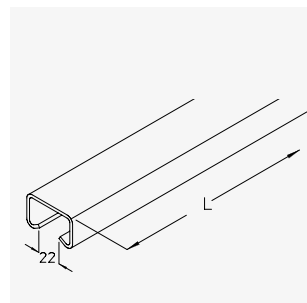
A 2

50x31 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, bright					
A 2-30B	3000	50	31	3.25	9.120
A 2-60B	6000	50	31	3.25	18.078
Steel, hot-dip galvanised					
A 2-30F	3000	50	31	3.25	9.400
A 2-60F	6000	50	31	3.25	18.800

optional accessories

HS22	Tee-head bolt	516
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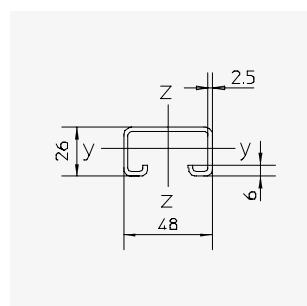
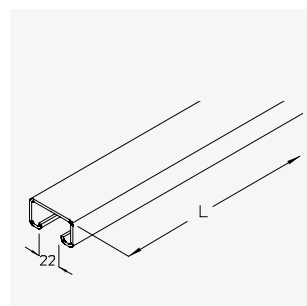
A 4

48x26 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, bright					
A 4-30B	3000	48	26	2.50	6.850
A 4-60B	6000	48	26	2.50	13.500
Steel, hot-dip galvanised					
A 4-30F	3000	48	26	2.50	6.400
A 4-60F	6000	48	26	2.50	12.800

optional accessories

HS22	Tee-head bolt	516
ASK 4	Connector, A/KHA 4	469



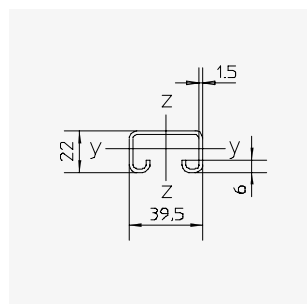
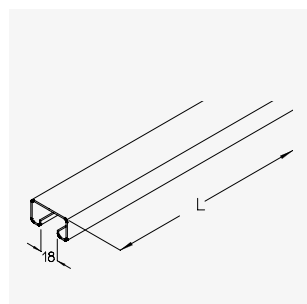
A 7

39.5x22 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
A 7-30S	3000	39.5	22	1.50	3.498
A 7-60S	6000	39.5	22	1.50	6.996
Stainless steel, acc. to AISI 304 (BS 304S31)					
A 7-30E	3000	39.5	22	1.50	3.519
A 7-60E	6000	39.5	22	1.50	7.038

optional accessories

SA 1	Protection cap, cadmium yellow RAL 1021	455
SAI 21	Protection cap, white/black	456
HS18	Tee-head bolt	518
AM 18	Channel nut	516
AMF 18	Channel nut with spring	517
AMA 18	Channel nut	517
ASK 8	Connector, A/KHA 7/8/9	469



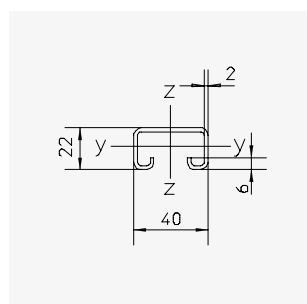
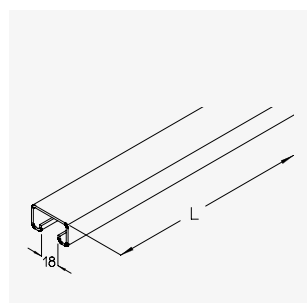
A 8

40x22 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, bright					
A 8-30B	3000	40	22	2.00	4.740
A 8-60B	6000	40	22	2.00	9.162
Steel, hot-dip galvanised					
A 8-30F	3000	40	22	2.00	4.800
A 8-60F	6000	40	22	2.00	10.074

optional accessories

SA 1	Protection cap, cadmium yellow RAL 1021	455
SAI 21	Protection cap, white/black	456
HS18	Tee-head bolt	518
AM 18	Channel nut	516
AMF 18	Channel nut with spring	517
AMA 18	Channel nut	517
ASK 8	Connector, A/KHA 7/8/9	469



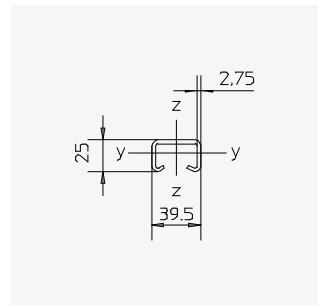
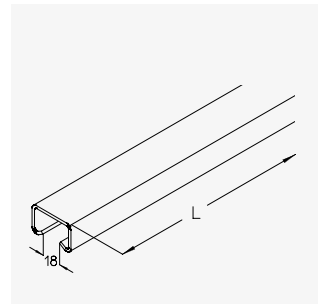
A 9

40x25 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, bright					
A 9-30B	3000	39.5	25	2.75	5.950
A 9-60B	6000	39.5	25	2.75	12.522
Steel, hot-dip galvanised					
A 9-30F	3000	39.5	25	2.75	6.900
A 9-60F	6000	39.5	25	2.75	13.900

optional accessories

HS18	Tee-head bolt	518
AMA 18	Channel nut	517
ASK 8	Connector, A/KHA 7/8/9	469



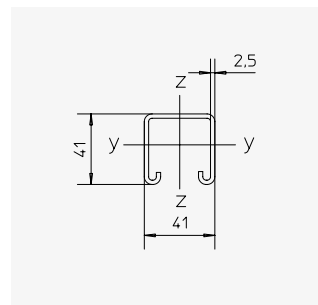
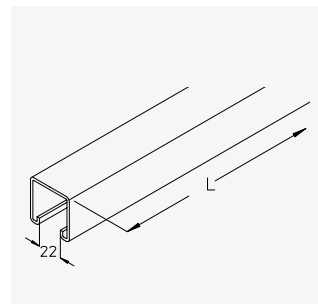
A 41

41x41 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
A 41-30F	3000	41	41	2.50	8.300
A 41-60F	6000	41	41	2.50	16.630

optional accessories

SA 2	Protection cap, cadmium yellow RAL 1021	455
SAI 41	Protection cap, white/black	456
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
AV 41	Connector, A/KHA 21/41/42/82	451, 470



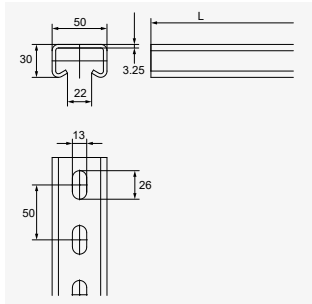
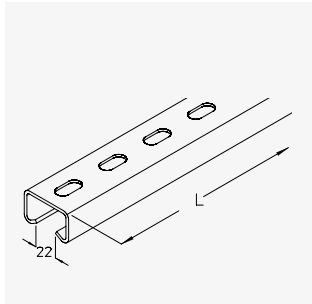
KHA 2

50x31 mm profile rail, perforated

Article	L	B _p	H _p	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KHA 2-05F	500	50	31	3.25	1.500
KHA 2-10F	1000	50	31	3.25	3.000
KHA 2-15F	1500	50	31	3.25	4.500
KHA 2-20F	2000	50	31	3.25	6.000
KHA 2-30F	3000	50	31	3.25	9.000
KHA 2-60F	6000	50	31	3.25	17.900

optional accessories

HS22	Tee-head bolt	516
SKS H	Beam clamp set	479



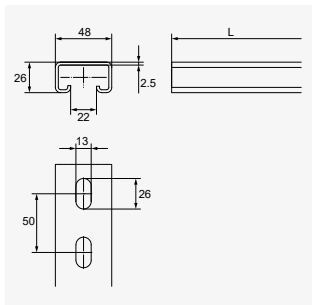
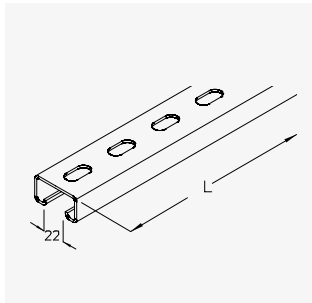
KHA 4

48x26 mm profile rail, perforated

Article	L	B _p	H _p	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KHA 4-30F	3000	48	26	2.50	6.800
KHA 4-60F	6000	48	26	2.50	13.600

optional accessories

HS22	Tee-head bolt	516
ASK 4	Connector, A/KHA 4	469



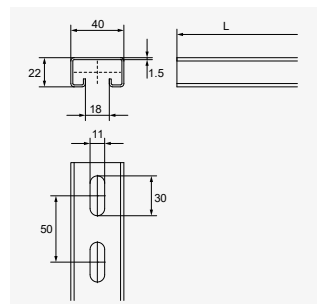
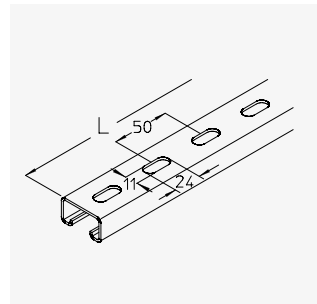
KHA 7

39.5x22 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KHA 7-02S	200	39.5	22	1.50	0.210
KHA 7-03S	300	39.5	22	1.50	0.310
KHA 7-04S	400	39.5	22	1.50	0.410
KHA 7-05S	500	39.5	22	1.50	0.510
KHA 7-06S	600	39.5	22	1.50	0.610
KHA 7-07S	700	39.5	22	1.50	0.780
KHA 7-08S	800	39.5	22	1.50	0.834
KHA 7-09S	900	39.5	22	1.50	1.000
KHA 7-10S	1000	39.5	22	1.50	1.050
KHA 7-11S	1100	39.5	22	1.50	1.150
KHA 7-12S	1200	39.5	22	1.50	1.260
KHA 7-13S	1300	39.5	22	1.50	1.360
KHA 7-14S	1400	39.5	22	1.50	1.470
KHA 7-15S	1500	39.5	22	1.50	1.570
KHA 7-20S	2000	39.5	22	1.50	2.200
KHA 7-30S	3000	39.5	22	1.50	3.200
KHA 7-60S	6000	39.5	22	1.50	6.300
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHA 7-01E	100	39.5	22	1.50	0.110
KHA 7-02E	200	39.5	22	1.50	0.220
KHA 7-03E	300	39.5	22	1.50	0.330
KHA 7-04E	400	39.5	22	1.50	0.440
KHA 7-05E	500	39.5	22	1.50	0.550
KHA 7-06E	600	39.5	22	1.50	0.660
KHA 7-07E	700	39.5	22	1.50	0.770
KHA 7-08E	800	39.5	22	1.50	0.880
KHA 7-09E	900	39.5	22	1.50	0.990
KHA 7-10E	1000	39.5	22	1.50	1.100
KHA 7-11E	1100	39.5	22	1.50	1.210
KHA 7-12E	1200	39.5	22	1.50	1.320
KHA 7-13E	1300	39.5	22	1.50	1.430
KHA 7-14E	1400	39.5	22	1.50	1.540
KHA 7-15E	1500	39.5	22	1.50	1.650
KHA 7-20E	2000	39.5	22	1.50	2.200
KHA 7-30E	3000	39.5	22	1.50	3.600
KHA 7-60E	6000	39.5	22	1.50	6.600

optional accessories

SA 1	Protection cap, cadmium yellow RAL 1021	455
SAI 21	Protection cap, white/black	456
HS18	Tee-head bolt	518
AM 18	Channel nut	516
AMF 18	Channel nut with spring	517
AMA 18	Channel nut	517
ASK 8	Connector, A/KHA 7/8/9	469



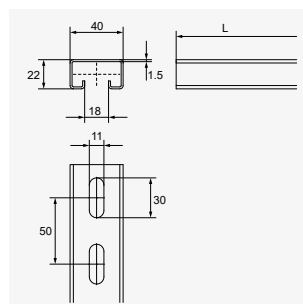
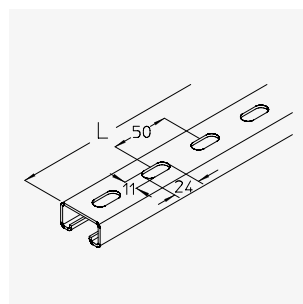
KHA 7

39.5x22 mm profile rail, perforated

Article	L	B _p	H _p	t	G
	mm	mm	mm	mm	kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHA 7-01E4	100	39.5	22	1.50	0.110
KHA 7-02E4	200	39.5	22	1.50	0.220
KHA 7-03E4	300	39.5	22	1.50	0.330
KHA 7-04E4	400	39.5	22	1.50	0.440
KHA 7-05E4	500	39.5	22	1.50	0.550
KHA 7-06E4	600	39.5	22	1.50	0.670
KHA 7-07E4	700	39.5	22	1.50	0.780
KHA 7-08E4	800	39.5	22	1.50	0.890
KHA 7-09E4	900	39.5	22	1.50	1.000
KHA 7-10E4	1000	39.5	22	1.50	1.110
KHA 7-11E4	1100	39.5	22	1.50	1.220
KHA 7-12E4	1200	39.5	22	1.50	1.330
KHA 7-15E4	1500	39.5	22	1.50	1.673
KHA 7-20E4	2000	39.5	22	1.50	2.230
KHA 7-30E4	3000	39.5	22	1.50	3.600
KHA 7-60E4	6000	39.5	22	1.50	6.600

optional accessories

SA 1	Protection cap, cadmium yellow RAL 1021	455
SAI 21	Protection cap, white/black	456
HS18	Tee-head bolt	518
AM 18	Channel nut	516
AMF 18	Channel nut with spring	517
AMA 18	Channel nut	517
ASK 8	Connector, A/KHA 7/8/9	469



KHA 8

40x22 mm profile rail, perforated

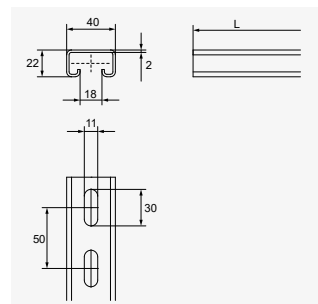
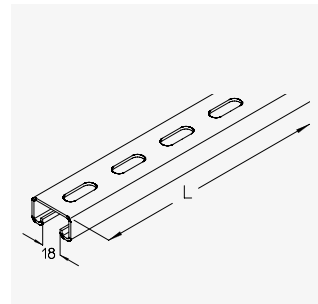
Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 8-01F	100	40	22	2.00	0.154
KHA 8-02F	200	40	22	2.00	0.310
KHA 8-03F	300	40	22	2.00	0.460
KHA 8-04F	400	40	22	2.00	0.620
KHA 8-05F	500	40	22	2.00	0.770
KHA 8-06F	600	40	22	2.00	0.930
KHA 8-07F	700	40	22	2.00	1.080
KHA 8-08F	800	40	22	2.00	1.240
KHA 8-09F	900	40	22	2.00	1.390
KHA 8-10F	1000	40	22	2.00	1.540
KHA 8-11F	1100	40	22	2.00	1.700
KHA 8-12F	1200	40	22	2.00	1.850
KHA 8-13F	1300	40	22	2.00	2.010
KHA 8-14F	1400	40	22	2.00	2.160
KHA 8-15F	1500	40	22	2.00	2.320
KHA 8-20F	2000	40	22	2.00	3.090
KHA 8-30F	3000	40	22	2.00	4.630
KHA 8-60F	6000	40	22	2.00	8.270

steel, galvanic zinc plated					
KHA 8-03GV	300	40	22	2.00	0.433
KHA 8-06GV	600	40	22	2.00	0.866
KHA 8-30GV	3000	40	22	2.00	4.330

Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHA 8-02E4	200	40	22	2.00	0.290
KHA 8-03E4	300	40	22	2.00	0.440
KHA 8-04E4	400	40	22	2.00	0.590
KHA 8-05E4	500	40	22	2.00	0.740
KHA 8-06E4	600	40	22	2.00	0.880
KHA 8-07E4	700	40	22	2.00	1.030
KHA 8-08E4	800	40	22	2.00	1.180
KHA 8-09E4	900	40	22	2.00	1.320
KHA 8-10E4	1000	40	22	2.00	1.470
KHA 8-11E4	1100	40	22	2.00	1.620
KHA 8-12E4	1200	40	22	2.00	1.760
KHA 8-30E4	3000	40	22	2.00	4.410
KHA 8-60E4	6000	40	22	2.00	8.820

optional accessories

SA 1	Protection cap, cadmium yellow RAL 1021	455
SAI 21	Protection cap, white/black	456
HS18	Tee-head bolt	518
AM 18	Channel nut	516
AMF 18	Channel nut with spring	517
AMA 18	Channel nut	517
ASK 8	Connector, A/KHA 7/8/9	469
RP	Back plate for wall bracket KW/KWF	485



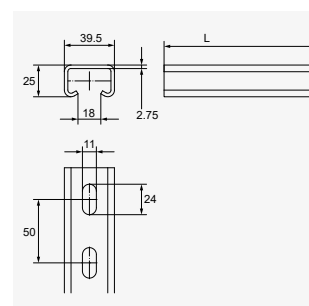
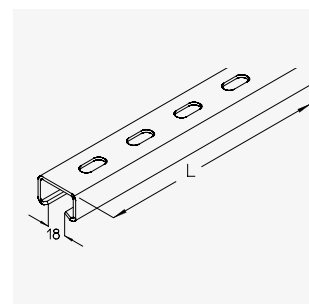
KHA 9

40x25 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 9-01F	100	39.5	25	2.75	0.185
KHA 9-02F	200	39.5	25	2.75	0.370
KHA 9-03F	300	39.5	25	2.75	0.550
KHA 9-04F	400	39.5	25	2.75	0.730
KHA 9-05F	500	39.5	25	2.75	0.910
KHA 9-06F	600	39.5	25	2.75	1.100
KHA 9-07F	700	39.5	25	2.75	1.280
KHA 9-08F	800	39.5	25	2.75	1.460
KHA 9-09F	900	39.5	25	2.75	1.640
KHA 9-10F	1000	39.5	25	2.75	1.820
KHA 9-11F	1100	39.5	25	2.75	2.000
KHA 9-12F	1200	39.5	25	2.75	2.190
KHA 9-13F	1300	39.5	25	2.75	2.370
KHA 9-14F	1400	39.5	25	2.75	2.550
KHA 9-15F	1500	39.5	25	2.75	2.730
KHA 9-20F	2000	39.5	25	2.75	3.640
KHA 9-30F	3000	39.5	25	2.75	5.460
KHA 9-60F	6000	39.5	25	2.75	10.920

optional accessories

HS18	Tee-head bolt	518
AMA 18	Channel nut	517
ASK 8	Connector, A/KHA 7/8/9	469



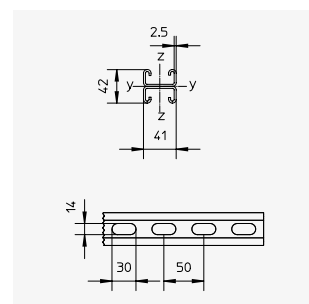
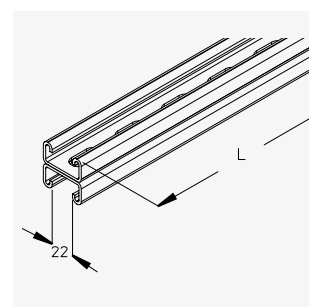
KHA 42

41x42 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 42-30F	3000	41	42	2.50	10.639
KHA 42-60F	6000	41	42	2.50	21.278

optional accessories

SA 2	Protection cap, cadmium yellow RAL 1021	455
SAI 21	Protection cap, white/black	456
AM 22	Channel nut	515
RUS 41	U-shaped washer, A/KHA 21/41/42/82	513



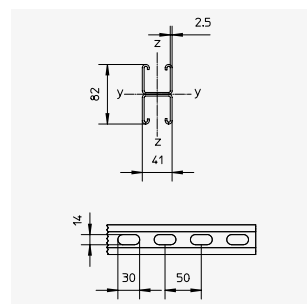
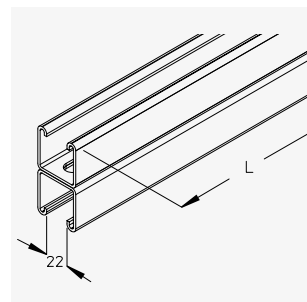
KHA 82

41x82 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 82-30F	3000	41	82	2.50	15.860
KHA 82-60F	6000	41	82	2.50	31.360
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHA 82-30E	3000	41	82	2.50	14.870
KHA 82-60E	6000	41	82	2.50	29.740
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHA 82-30E4	3000	41	82	2.50	15.050
KHA 82-60E4	6000	41	82	2.50	30.100

optional accessories

SAI 41	Protection cap, white/black	456
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
RUS 41	U-shaped washer, A/KHA 21/41/42/82	513



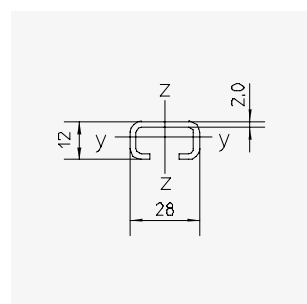
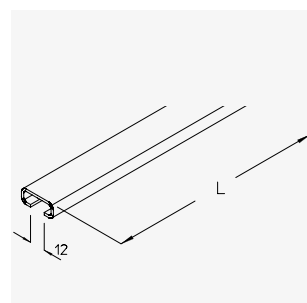
B 3

28x12 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, bright					
B 3-30B	3000	28	12	2.00	2.500
B 3-60B	6000	28	12	2.00	5.328
Steel, hot-dip galvanised					
B 3-30F	3000	28	12	2.00	2.700
B 3-60F	6000	28	12	2.00	5.300
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
B 3-30E4	3000	28	12	2.00	2.500
B 3-60E4	6000	28	12	2.00	5.430

optional accessories

HS12	Tee-head bolt	520
AM 12	Channel nut	519



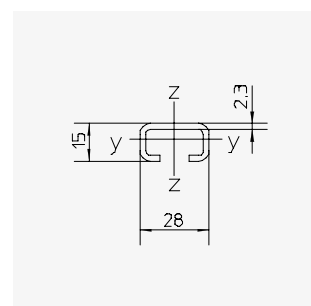
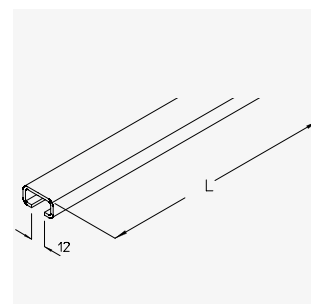
B 6

28x15 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, bright					
B 6-30B	3000	28	15	2.30	3.150
B 6-60B	6000	28	15	2.30	6.672
Steel, hot-dip galvanised					
B 6-30F	3000	28	15	2.30	3.430
B 6-60F	6000	28	15	2.30	7.338
Stainless steel, acc. to AISI 304 (BS 304S31)					
B 6-30E	3000	28	15	2.30	3.150
B 6-60E	6000	28	15	2.30	6.804
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
B 6-30E4	3000	28	15	2.30	3.150
B 6-60E4	6000	28	15	2.30	6.804

optional accessories

HS12	Tee-head bolt	520
AM 12	Channel nut	519



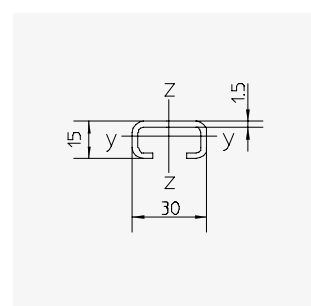
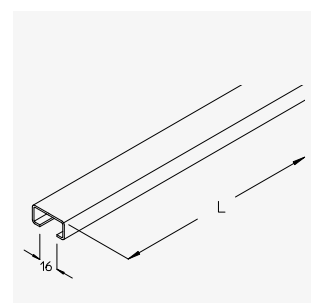
B 7

30x15 mm profile rail, unperforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
steel, bright					
B 7-30B	3000	30	15	1.50	2.220
B 7-60B	6000	30	15	1.50	4.440
Steel, pre-galvanised/Sendzimir process					
B 7-30S	3000	30	15	1.50	2.220
B 7-60S	6000	30	15	1.50	4.440
Steel, hot-dip galvanised					
B 7-30F	3000	30	15	1.50	2.500
B 7-60F	6000	30	15	1.50	4.750
Stainless steel, acc. to AISI 304 (BS 304S31)					
B 7-30E	3000	30	15	1.50	2.220
B 7-60E	6000	30	15	1.50	4.440

optional accessories

HS16	Tee-head bolt	519
AM 16	Channel nut	518



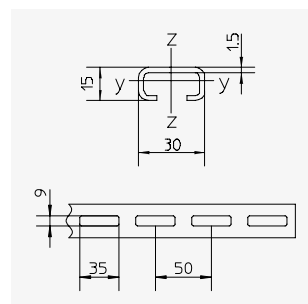
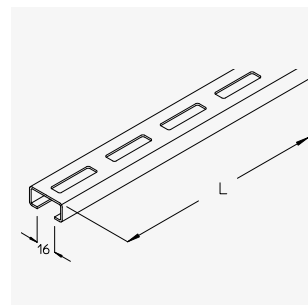
KHB 7

30x15 mm profile rail, perforated

Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KHB 7-02S	200	30	15	1.50	0.134
KHB 7-03S	300	30	15	1.50	0.200
KHB 7-04S	400	30	15	1.50	0.267
KHB 7-05S	500	30	15	1.50	0.334
KHB 7-06S	600	30	15	1.50	0.401
KHB 7-07S	700	30	15	1.50	0.467
KHB 7-08S	800	30	15	1.50	0.534
KHB 7-09S	900	30	15	1.50	0.601
KHB 7-10S	1000	30	15	1.50	0.668
KHB 7-30S	3000	30	15	1.50	2.003
KHB 7-60S	6000	30	15	1.50	4.006
Steel, hot-dip galvanised					
KHB 7-02F	200	30	15	1.50	0.143
KHB 7-03F	300	30	15	1.50	0.214
KHB 7-04F	400	30	15	1.50	0.286
KHB 7-05F	500	30	15	1.50	0.357
KHB 7-06F	600	30	15	1.50	0.429
KHB 7-07F	700	30	15	1.50	0.500
KHB 7-08F	800	30	15	1.50	0.572
KHB 7-09F	900	30	15	1.50	0.643
KHB 7-10F	1000	30	15	1.50	0.714
KHB 7-30F	3000	30	15	1.50	2.143
KHB 7-60F	6000	30	15	1.50	4.286
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHB 7-02E	200	30	15	1.50	0.134
KHB 7-03E	300	30	15	1.50	0.202
KHB 7-04E	400	30	15	1.50	0.269
KHB 7-05E	500	30	15	1.50	0.336
KHB 7-06E	600	30	15	1.50	0.403
KHB 7-20E	2000	30	15	1.50	1.344
KHB 7-30E	3000	30	15	1.50	2.016
KHB 7-60E	6000	30	15	1.50	4.031
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
KHB 7-02E4	200	30	15	1.50	0.136
KHB 7-03E4	300	30	15	1.50	0.204
KHB 7-04E4	400	30	15	1.50	0.272
KHB 7-05E4	600	30	15	1.50	0.340
KHB 7-06E4	500	30	15	1.50	0.408
KHB 7-30E4	3000	30	15	1.50	2.041
KHB 7-60E4	6000	30	15	1.50	4.082

optional accessories

HS16	Tee-head bolt	519
AM 16	Channel nut	518



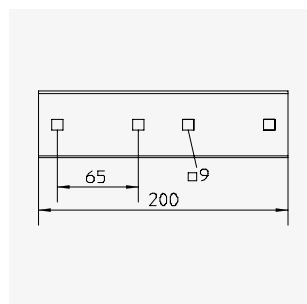
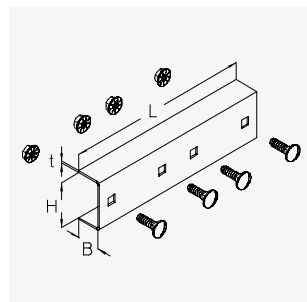
ASK 4

Connector, A/KHA 4

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
ASK 4	49	24	200	2.00	0.472

optional accessories

A 4	48x26 mm profile rail, unperforated	458
KHA 4	48x26 mm profile rail, perforated	461



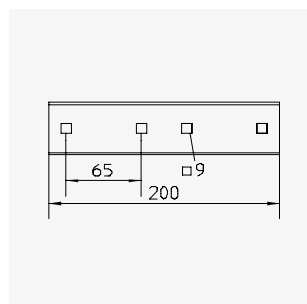
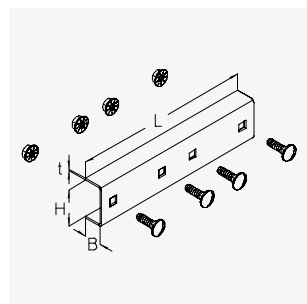
ASK 8

Connector, A/KHA 7/8/9

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
ASK 8	41	21	200	2.00	0.394

optional accessories

A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460
KHA 7	39.5x22 mm profile rail, perforated	462
KHA 8	40x22 mm profile rail, perforated	464
KHA 9	40x25 mm profile rail, perforated	465



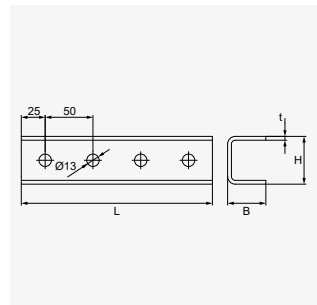
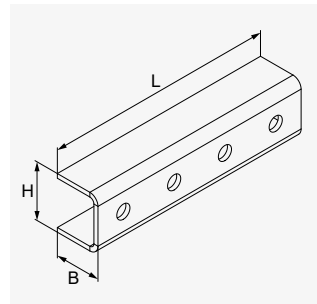
AV 41

Connector, A/KHA 21/41/42/82

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
AV 41F	50	40	200	4.00	0.723

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515
A 41	41x41 mm profile rail, unperforated	460
KHA 21	41x21 mm profile rail, perforated	448
KHA 41	41x41 mm profile rail, perforated	324,445
KHA 42	41x42 mm profile rail, perforated	465
KHA 82	41x82 mm profile rail, perforated	466



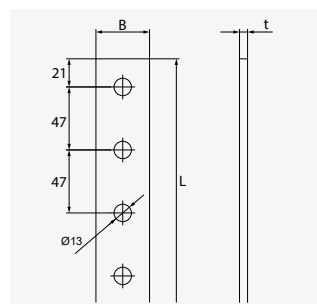
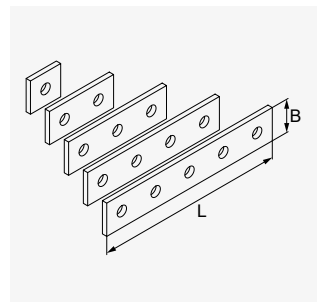
AVL

Rail connector

Article	B	L	t	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
AVL-1F	40	42	6.00	0.078
AVL-2F	40	89	6.00	0.165
AVL-3F	40	136	6.00	0.239
AVL-4F	40	183	6.00	0.322
AVL-5F	40	230	6.00	0.404

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



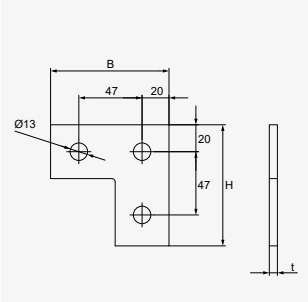
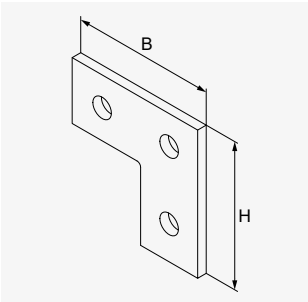
AVE

Rail connector, corner

Article	H	B	t	G
	mm	mm	mm	kg
Steel, hot-dip galvanised				
AVE F	90	88	6.00	0.270

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



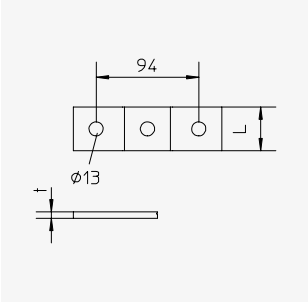
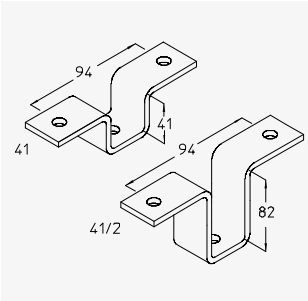
AVB

Rail connector bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
AVB 21F	28	40	134	6.00	0.315
AVB 41F	48	40	134	6.00	0.565
AVB 41/2F	90	40	134	6.00	0.369

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



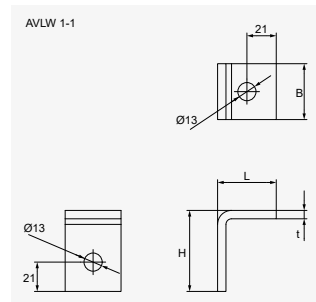
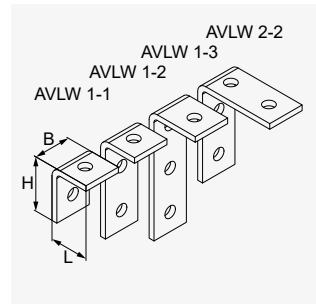
AVLW

Channel connector, 90°

Article	H	B	L	t	W	G
	mm	mm	mm	mm		kg
Steel, hot-dip galvanised						
AVLW 1-1F	58	40	42	6.00	90°	0.170
AVLW 1-2F	105	40	42	6.00	90°	0.260
AVLW 1-3F	137	40	57	6.00	90°	0.350
AVLW 2-2F	105	40	89	6.00	90°	0.350

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515



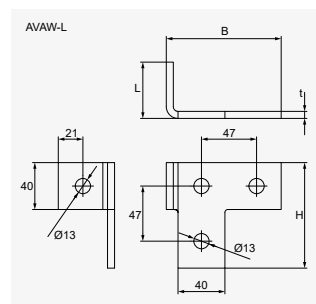
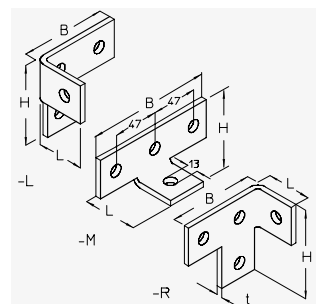
AVAW

Rail connector bracket

Article	H	B	L	t	W	G
	mm	mm	mm	mm		kg
Steel, hot-dip galvanised						
AVAW-L F	90	98	48	6.00	90°	0.350
AVAW-M F	50	136	51	6.00	90°	0.350
AVAW-R F	90	98	48	6.00	90°	0.350

optional accessories

SES	Hexagon head bolt, DIN 933	507
AM 22	Channel nut	515
AMF 22	Channel nut with spring	515

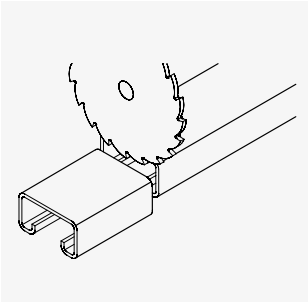


PRS

Cross section

The article PRS A describes the cutting of our profile rails of the A series, e.g. profile rail A 7.
The article PRS B describes the cutting of our profile rails of the B series, e.g. profile rail B 3.

Article
PRS A
PRS B

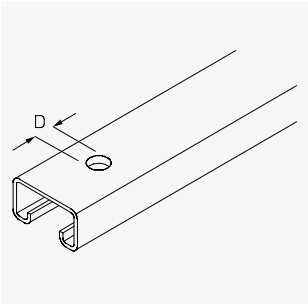


RL

Hole

You can choose from the round hole sizes listed below for all A-series profile rails. Only RL 7 and RL 9 are available for the B-series profile rails.

Article	D mm
RL 11	11
RL 13	13
RL 7	7
RL 9	9

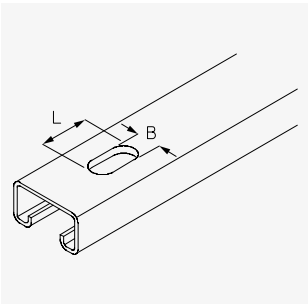


LGL

Slot

You can choose from the slot sizes listed below for all A-series profile rails.
Only LGL 9X20 is available for the B-series profile rails.

Article	L mm	B mm
LGL 11X24	11	24
LGL 13X26	13	26
LGL 9X20	9	26





Fastening Accessories

Clamping Assembly	476
Cable Blocks	486
Dowels & Anchors	487
Suspension Components	492
Screws and Bolts	503
Channel Nuts & Bolts	515
Electrical Fastenings	521

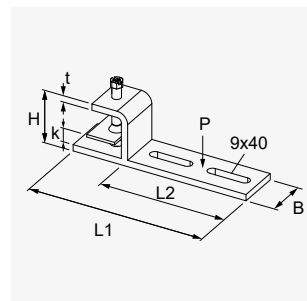


Clamping Assembly

KLUGW

Clamping fasteners, universal, welded, horizontal

Article	H mm	B mm	L1 mm	L2 mm	t mm	M Nm	k mm	P _{max} kN	G kg
Steel, hot-dip galvanised									
KLUGW 10F	50	40	165	113	6.00	10	3 - 31	1.10	0.469
KLUGW 20F	50	40	270	218	6.00	10	3 - 31	0.70	0.647
KLUGW 30F	50	40	375	323	6.00	10	3 - 31	0.40	0.824
Stainless steel, acc. to AISI 304 (BS 304S31)									
KLUGW 10E	50	40	165	113	6.00	10	3 - 31	1.10	0.444
KLUGW 20E	50	40	270	218	6.00	10	3 - 31	0.70	0.614
KLUGW 30E	50	40	375	323	6.00	10	3 - 31	0.40	0.782



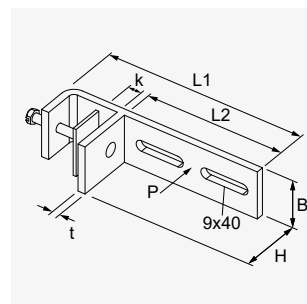
optional accessories

KLRL	Clamp fastening set, long	477
GH 6x24	Mounting hooks	119
US9021	Washer, DIN EN ISO 7093	510
SEMSS	Hexagon nut, self-locking, DIN 985	327, 512
KLU	Clamp fastening set	119, 481

KLUGS

Clamping fasteners, universal, welded, vertical

Article	H mm	B mm	L1 mm	L2 mm	t mm	M Nm	k mm	G kg
Steel, hot-dip galvanised								
KLUGS 10F	52	40	163	113	6.00	10	3 - 31	0.465
KLUGS 20F	52	40	268	218	6.00	10	3 - 31	0.643
KLUGS 30F	52	40	373	323	6.00	10	3 - 31	0.820
Stainless steel, acc. to AISI 304 (BS 304S31)								
KLUGS 10E	52	40	163	113	6.00	10	3 - 31	0.440
KLUGS 20E	52	40	268	218	6.00	10	3 - 31	0.610
KLUGS 30E	52	40	373	323	6.00	10	3 - 31	0.778



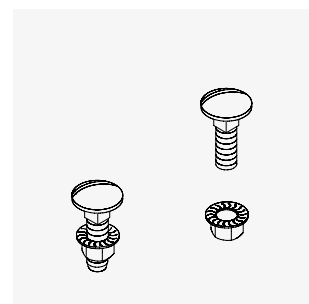
optional accessories

KLRL	Clamp fastening set, long	477
GH 6x24	Mounting hooks	119
US9021	Washer, DIN EN ISO 7093	510
SEMSS	Hexagon nut, self-locking, DIN 985	327, 512
KLU	Clamp fastening set	119, 481

KLR

Clamp fastening set

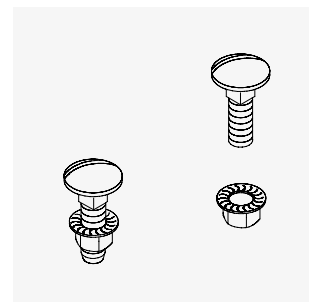
Article	G kg
steel, galvanic zinc plated	
KLR	0.014
KLR 6X25	0.018
Stainless steel, acc. to AISI 304 (BS 304S31)	
KLRE	0.016
KLR 6X25E	0.020
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
KLRE4	0.018



KLRL

Clamp fastening set, long

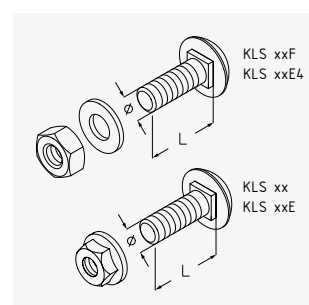
Article	G kg
steel, galvanic zinc plated	
KLRL	0.016
Stainless steel, acc. to AISI 304 (BS 304S31)	
KLRL E	0.018



KLS

Clamp fastening set

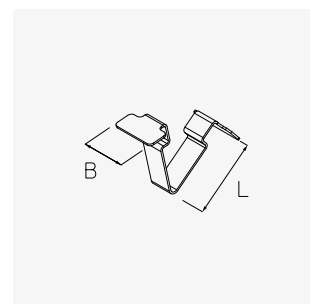
Article	L mm	G kg
Steel, hot-dip galvanised		
KLS 10X20F	20	0.035
steel, galvanic zinc plated		
KLS 8X16	16	0.018
KLS 8X25	25	0.021
KLS 10X20	20	0.032
Stainless steel, acc. to AISI 304 (BS 304S31)		
KLS 8X16E	16	0.018
KLS 8X25E	25	0.020
KLS 10X20E	20	0.033
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)		
KLS 8X16E4	16	0.017
KLS 10X20E4	20	0.035



KLF

Spring clamp fastener

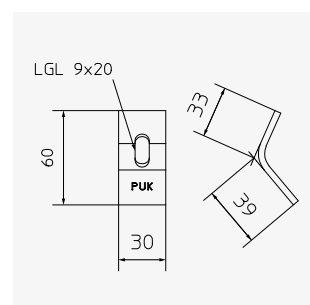
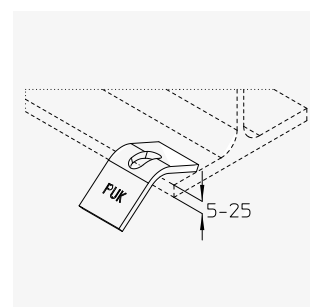
Article	B mm	L mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
KLFE	12	19	0.001



SKLL

Clamping claw, light

Article	G kg
Steel, hot-dip galvanised	
SKLL F	0.062
Stainless steel, acc. to AISI 304 (BS 304S31)	
SKLL E	0.059



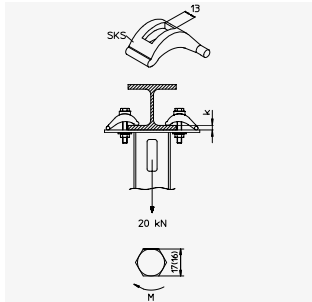
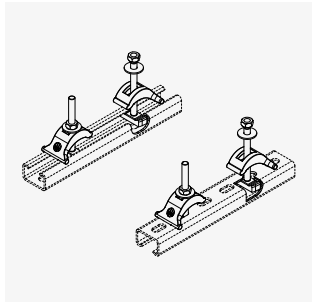
SKS H

Beam clamp set

Article	G
	kg
Steel, hot-dip galvanised	
SKS HF	0.619
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
SKS HE4	0.593

optional accessories

KHA 2	50x31 mm profile rail, perforated	461
KIS	Wall bracket, heavy-duty	402



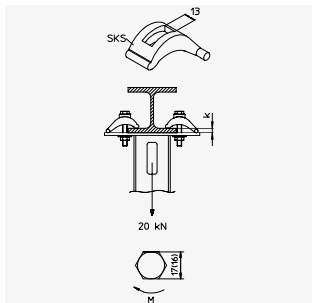
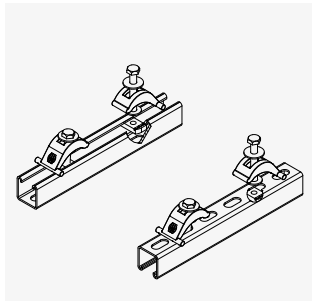
SKS A

Clamping claw, heavy, A/KHA 21/41/42/82

Article	G
	kg
Steel, hot-dip galvanised	
SKS AF	0.555
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
SKS AE4	0.552

optional accessories

A 41	41x41 mm profile rail, unperforated	460
KHA 21	41x21 mm profile rail, perforated	448
KHA 41	41x41 mm profile rail, perforated	324, 445
KHA 42	41x42 mm profile rail, perforated	465
KHA 82	41x82 mm profile rail, perforated	466



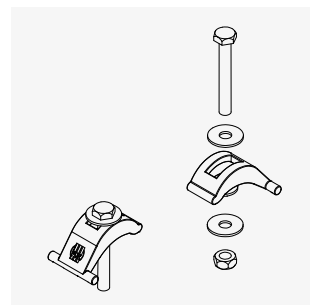
SKS M

Beam clamp set

Article	G kg
Steel, hot-dip galvanised	
SKS MF	0.518
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
SKS ME4	0.522

optional accessories

KISS	Wall bracket, extra heavy-duty	403
KBSW	Bracket fixing for steel girders and walls	404



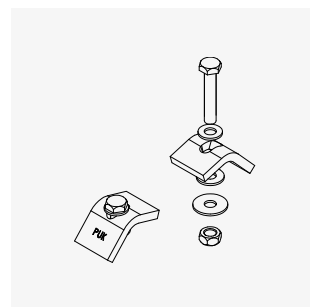
SKL M

Beam clamp set

Article	G kg
Steel, hot-dip galvanised	
SKL MF	0.477
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
SKL ME4	0.458

optional accessories

KDU 60	Bracket support, heavy duty, 60x40 mm	417
KHA 2	50x31 mm profile rail, perforated	461
HS22	Tee-head bolt	516



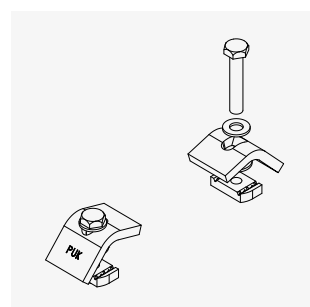
SKL A

Beam clamp set

Article	G kg
Steel, hot-dip galvanised	
SKL AF	0.513
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
SKL AE4	0.487

optional accessories

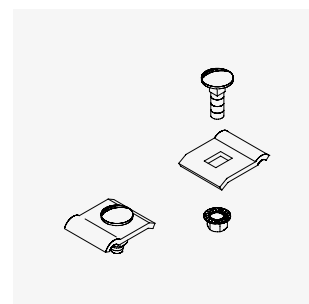
A 41	41x41 mm profile rail, unperforated	460
KHA 41	41x41 mm profile rail, perforated	324,445
KHAL 41	41x41 mm profile rail, perforated	446



KLU

Clamp fastening set

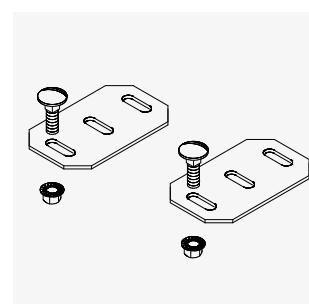
Article	G kg
Steel, pre-galvanised/Sendzimir process	
KLU	0.046
Steel, hot-dip galvanised	
KLU F	0.048
steel, galvanic zinc plated	
KLU GV	0.044
Stainless steel, acc. to AISI 304 (BS 304S31)	
KLU E	0.046
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)	
KLU E4	0.046



KLUS

Clamp fastening set

Article	t mm	G kg
Steel, pre-galvanised/Sendzimir process		
KLUS	1.00	0.082
Stainless steel, acc. to AISI 304 (BS 304S31)		
KLUS E	1.00	0.098
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)		
KLUS E4	1.00	0.098



optional accessories

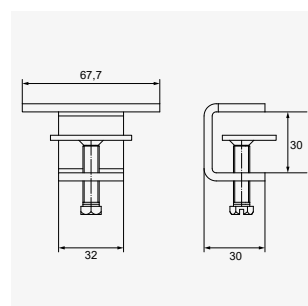
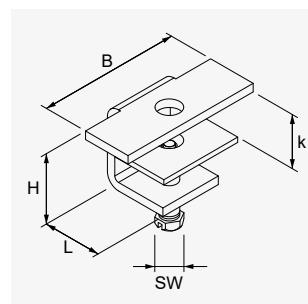
FRSV	Round-head bolt with short square, DIN 603	503
SEMS	Hexagonal nut with flange, DIN EN 1661	512
KLR	Clamp fastening set	477
KLU	Clamp fastening set	119,481



KLUT

Clamping fasteners

Article	H mm	B mm	L mm	M Nm	k mm	G kg
Steel, hot-dip galvanised						
KLUT F	38	68	30	4.0	3 - 25	0.141
Stainless steel, acc. to AISI 304 (BS 304S31)						
KLUT E	38	68	30	4.0	3 - 25	0.136
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)						
KLUT E4	38	68	30	4.0	3 - 25	0.137



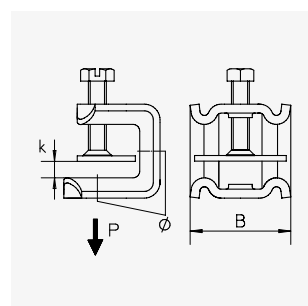
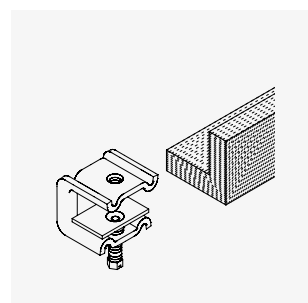
MKD

Mounting clamp

Article	B mm	Ø mm	P _{max} kN	M Nm	k mm	G kg
Steel, hot-dip galvanised						
MKD 21	44	8.0	1.50	4	6 - 21	0.190
MKD 21 M10	44	10.0	1.50	4	6 - 21	0.173
MKD 21 M6	44	6.0	1.50	4	6 - 21	0.190
MKD 40	44	8.0	1.30	4	20 - 40	0.216
Stainless steel, acc. to AISI 304 (BS 304S31)						
MKD 21E	44	8.0	1.50	4	6 - 21	0.190
MKD 21E M10	44	10.0	1.50	4	6 - 21	0.190
MKD 21E M6	44	6.0	1.50	4	6 - 21	0.190
MKD 40E	44	8.0	1.30	4	20 - 40	0.200
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)						
MKD 21E4	44	8.0	1.50	4	6 - 21	0.190
MKD 40E4	44	8.0	1.30	4	20 - 40	0.200

optional accessories

MKD-L	Connecting link	484
RGW	Reducing thread	367,484



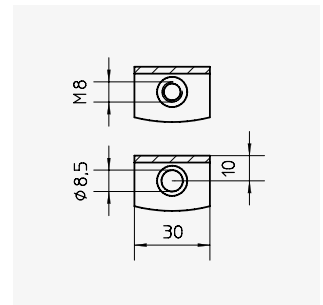
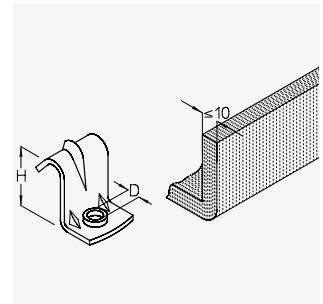
SN G

Tension hook

Article	H mm	D mm	MG	G kg
Steel, hot-dip galvanised				
SN 25 M/G	25		M8	0.041
SN 25 O/G	25	8.5		0.040
SN 35 M/G	35		M8	0.047
SN 35 O/G	35	8.5		0.048

optional accessories

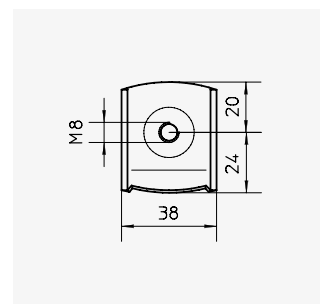
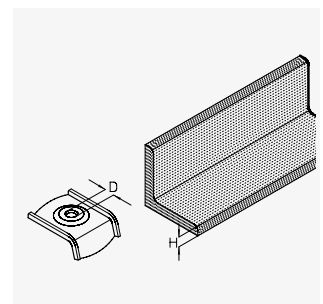
AN	Beam bracket	367,484
SK	Clamping claw	366,483



SK

Clamping claw

Article	H mm	G kg
Steel, hot-dip galvanised		
SK 4 M8	4	0.035
SK 6 M8	6	0.037
SK 8 M8	8	0.040
SK 10 M8	10	0.041
SK 12 M8	12	0.044



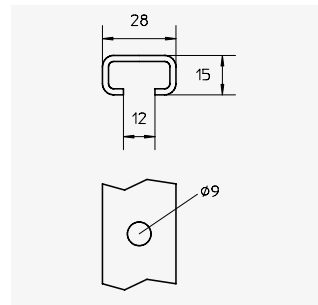
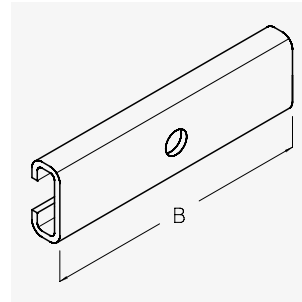
AN

Beam bracket

Article	B mm	G kg
Steel, hot-dip galvanised		
AN 100F	100	0.104

optional accessories

B	Cable clamp for fastening to C profile rails	339
SN G	Tension hook	366,483
SK	Clamping claw	366,483



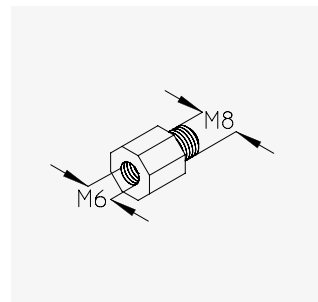
RGW

Reducing thread

Article	G kg
steel, galvanic zinc plated	
RGW 8/6	0.013
Stainless steel, acc. to AISI 304 (BS 304S31)	
RGW 8/6E	0.013

optional accessories

MKD	Mounting clamp	365,482
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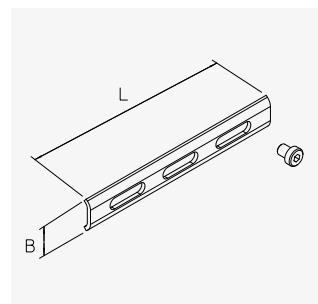
MKD-L

Connecting link

Article	B mm	L mm	G kg
Steel, hot-dip galvanised			
MKD-L F	30	170	0.130

optional accessories

MKD	Mounting clamp	365,482
KLU	Clamp fastening set	119,481



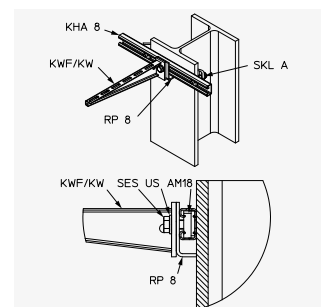
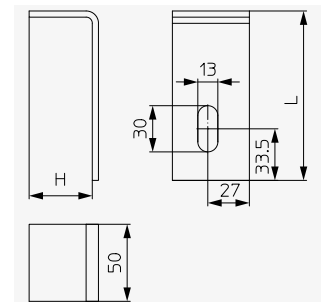
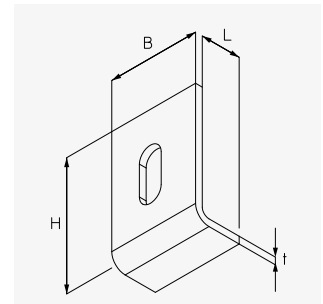
RP

Back plate for wall bracket KW/KWF

Article	B mm	L mm	G kg
Steel, hot-dip galvanised			
RP 8F	40	21	0.158
RP 41F	40	41	0.181

optional accessories

KHA 8	40x22 mm profile rail, perforated	464
KHA 41	41x41 mm profile rail, perforated	324, 445
KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
SKL A	Beam clamp set	480
SKS A	Clamping claw, heavy, A/KHA 21/41/42/82	479
SES	Hexagon head bolt, DIN 933	507
US125	Washer, DIN EN ISO 7089	509
AM 18	Channel nut	516
AM 22	Channel nut	515

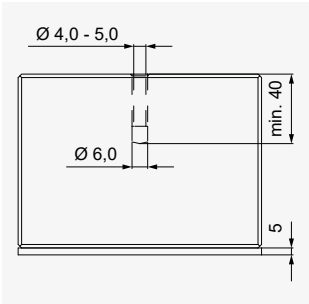
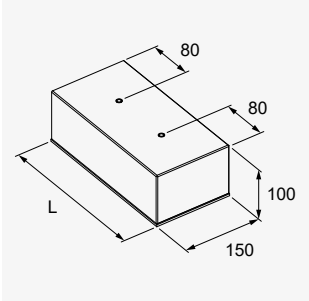


Cable Blocks

KFSB

Cable block, blank with protection mat

Article	H mm	B mm	L mm	G kg
fiber reinforced concrete				
KFSB 030	100	150	300	9.500
KFSB 050	100	150	500	14.000



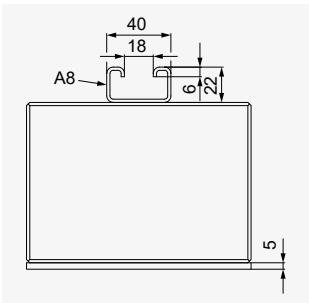
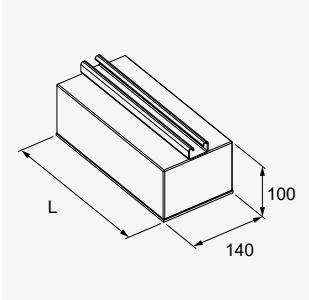
KFSC

Cable block, C-profile with protection mat

Article	H mm	B mm	L mm	G kg
fiber reinforced concrete				
KFSC 030	100	140	300	10.000
KFSC 050	100	140	500	16.000

optional accessories

HS18	Tee-head bolt	518
AM 18	Channel nut	516
AMF 18	Channel nut with spring	517
AMA 18	Channel nut	517

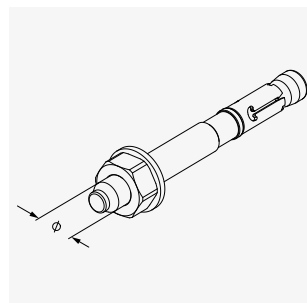


Dowels & Anchors

SD

Expansion anchor

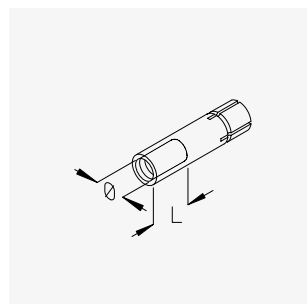
Article	Ø mm	L _{min} mm	P _{Zug} kN	P _{lat} kN	G kg
steel, galvanic zinc plated					
SD 8/10	8.0	58	3.8	9.3	0.034
SD 8/30	8.0	58	3.8	9.3	0.044
SD 10/10	10.0	75	6.2	15.0	0.067
SD 10/30	10.0	75	6.2	15.0	0.071
SD 12/10	12.0	88	9.5	21.1	0.108
SD 16/25	16.0	124	12.9	39.1	0.232
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
SD 8/10E4	8.0	58	3.8	10.1	0.034
SD 10/10E4	10.0	75	6.2	15.1	0.065
SD 10/30E4	10.0	75	6.2	15.1	0.071
SD 12/10E4	12.0	91	9.5	24.1	0.108



SAZ

Drop-in anchor

Article	D mm	Ø mm	L _{min} mm	P _{Zug} kN	G kg
steel, galvanic zinc plated					
SAZ 6	8	6.0	43	2.4	0.032
SAZ 8	10	8.0	43	1.6	0.014
SAZ 10	12	10.0	43	3.0	0.019
SAZ 12	14	12.0	43	3.6	0.026
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
SAZ 8E4	10	8.0	43	1.6	0.015
SAZ 10E4	12	10.0	43	3.0	0.022
SAZ 12E4	14	12.0	43	3.6	0.044



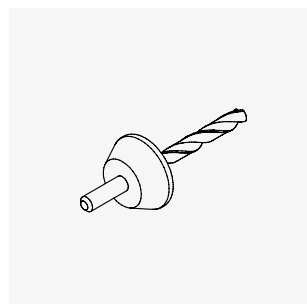
optional accessories

SAZ-B	Reinforced concrete drill	487
SAZ-D	Anchor	488

SAZ-B

Reinforced concrete drill

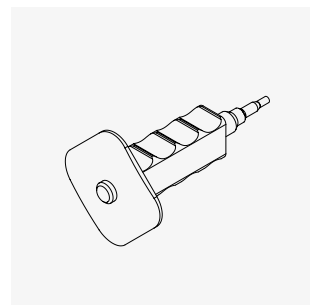
Article	G kg
steel, galvanic zinc plated	
SAZ-B 8	0.082
SAZ-B 10	0.140
SAZ-B 12	0.200



SAZ-D

Anchor

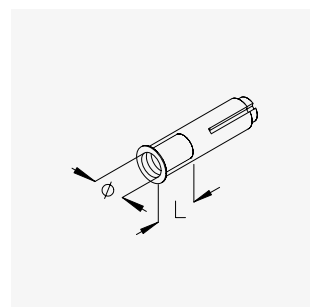
Article	Ø mm	G kg
steel, galvanic zinc plated		
SAZ-D 8	8.0	0.440
SAZ-D 10	10.0	0.502
SAZ-D 12	12.0	0.500



SA

Anchor bolt

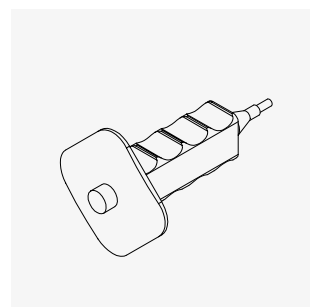
Article	D mm	Ø mm	L _{min} mm	P _{Zug} kN	G kg
steel, galvanic zinc plated					
SA 6	8	6.0	27	3.9	0.008
SA 8	10	8.0	33	3.9	0.011
SA 10	12	10.0	44	6.1	0.022
SA 12	15	12.0	54	8.5	0.041
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
SA 6E4	8	6.0	27	3.9	0.006
SA 8E4	10	8.0	33	3.9	0.012
SA 10E4	12	10.0	44	6.1	0.024
SA 12E4	15	12.0	54	8.5	0.015



SA-D

Anchor

Article	Ø mm	G kg
steel, galvanic zinc plated		
SA-D 8	8.0	0.450
SA-D 10	10.0	0.300
SA-D 12	12.0	0.305



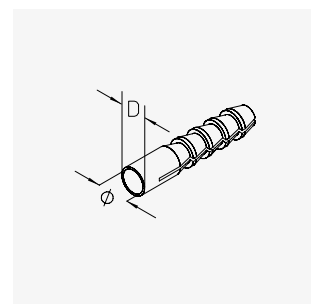
KD

Plastic dowels

Article	D mm	Ø mm	L _{min} mm	G kg
polyamide				
KD 6	8	6.0	55	0.001
KD 8	10	8.0	70	0.002
KD 10	12	10.0	80	0.004
KD 12	14	12.0	95	0.006

optional accessories

SEH	Hexagon wood screw	507
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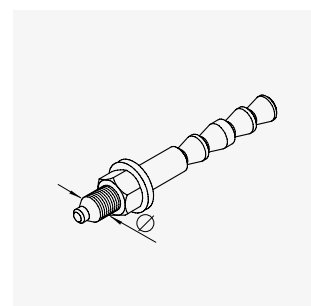
VAB-HB

Shear connector rod, concrete

Article	Ø mm	L _{min} mm	P _{Zug} kN	G kg
steel, galvanic zinc plated				
VAB-HB 10/20	10.0	75	8.0	0.067
VAB-HB 12/25	12.0	90	11.1	0.118
VAB-HB 16/30	16.0	110	15.9	0.300
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
VAB-HB 10/20E4	10.0	75	8.0	0.067
VAB-HB 12/25E4	12.0	90	11.1	0.118
VAB-HB 16/30E4	16.0	110	15.9	0.300

optional accessories

VAB-HB M	Shear connector mortar	490
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VAB-HB B

Shear connector rod, brush

Article	G kg
without material assignment	
VAB-HB B10	0.025
VAB-HB B12	0.044
VAB-HB B16	0.057



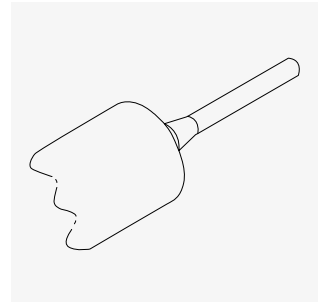
VAB-HB M

Shear connector mortar

Article	G
	kg
without material assignment	
VAB-HB M	0.717

optional accessories

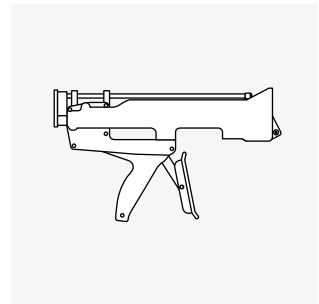
VA-AP	Shear connector rod, pistol	490
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VA-AP

Shear connector rod, pistol

Article	G
	kg
without material assignment	
VA-AP	1.153



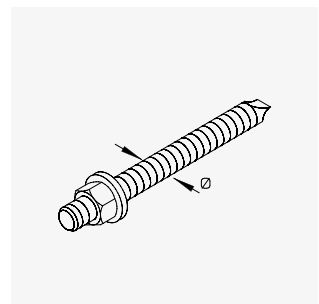
VAS-AS

Shear connector rod, stone

Article	Ø mm	L _{min} mm	G kg
steel, galvanic zinc plated			
VAS-AS 8/15	8.0	80	0.039
VAS-AS 10/25	10.0	80	0.066
VAS-AS 12/40	12.0	80	0.118
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
VAS-AS 8/15E4	8.0	80	0.041
VAS-AS 10/25E4	10.0	80	0.071
VAS-AS 12/40E4	12.0	80	0.118

optional accessories

VAS-M	Shear connector mortar	491
VAS-SH	Perforated bush for shear connector	491



Perforated bush for shear connector

Shear connector mortar

VA-AP	Shear connector rod, pistol
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490

Suspension Components

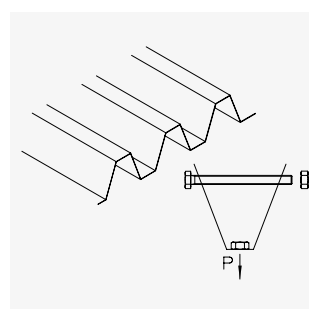
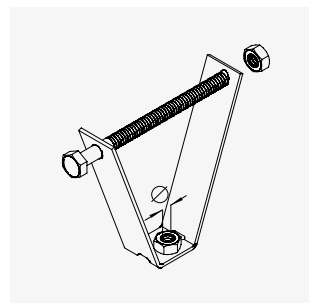
TBS

Trapezium bracket

Article	P _{Zug} kN	MG	G kg
steel, galvanic zinc plated			
TBS 8	1.3	M8	0.142
TBS 10	1.3	M10	0.149

optional accessories

DSAXPEF8 2	Wire suspension with M8 threaded end and express closure	495
DSAHFEF8 3	Wire suspension with M8 threaded end and universal closure	496
GB	Threaded rod, DIN 976-1	492

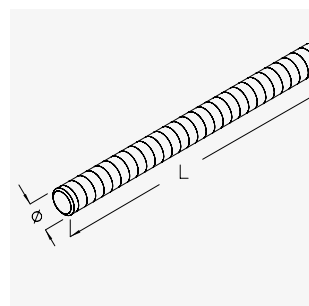


GB

Threaded rod, DIN 976-1

Article	L mm	Ø mm	G kg
steel, galvanic zinc plated			
GB M8-03	300	8.0	0.082
GB M8-05	500	8.0	0.153
GB M8-10	1000	8.0	0.307
GB M10-03	300	10.0	0.141
GB M10-05	500	10.0	0.243
GB M10-10	1000	10.0	0.497
GB M12-03	300	12.0	0.217
GB M12-05	500	12.0	0.362
GB M12-10	1000	12.0	0.725

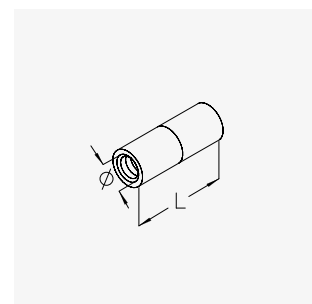
Stainless steel, acc. to AISI 304 (BS 304S31)			
GB M8-10E	1000	8.0	0.309
GB M10-10E	1000	10.0	0.500
GB M12-10E	1000	12.0	0.730



VM

Rod coupling

Article	L mm	Ø mm	G kg
steel, galvanic zinc plated			
VM M8	30	8.0	0.011
VM M10	30	10.0	0.014
VM M12	30	12.0	0.017
Stainless steel, acc. to AISI 304 (BS 304S31)			
VM M8E	30	8.0	0.012
VM M10E	30	10.0	0.015
VM M12E	30	12.0	0.024



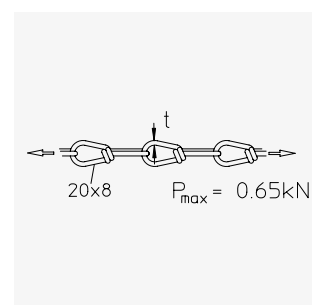
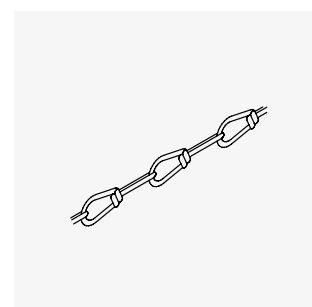
KNK

Junction chain

Article	L mm	t mm	G kg
steel, galvanic zinc plated			
KNK	1000	3.00	0.219

optional accessories

KNK-NG	Junction chain link	493
DAS	Wire eye-bolt	494
SHS	Eyebolt	494
SHH	Eyebolt	495
DSAGCB	Beam clip	501
DSAGRIPADAP	Thread adaptor with hole	501



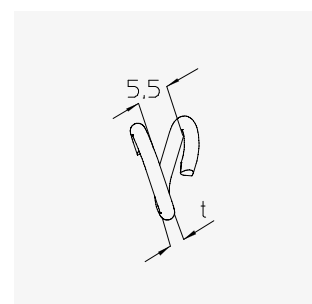
KNK-NG

Junction chain link

Article	t mm	G kg
steel, galvanic zinc plated		
KNK-NG	3.00	0.003

optional accessories

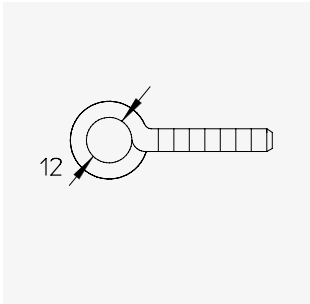
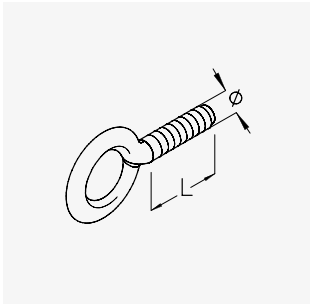
KNK	Junction chain	493
DAS	Wire eye-bolt	494
SHS	Eyebolt	494
SHH	Eyebolt	495
DSAGCB	Beam clip	501
DSAGRIPADAP	Thread adaptor with hole	501



DAS

Wire eye-bolt

Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DAS 8X30	30	0.50	0.025



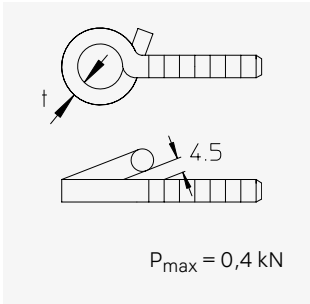
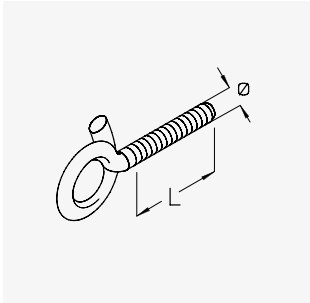
SHS

Eyebolt

Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
SHS 6X40	40	0.40	0.020
SHS 8X45	45	0.40	0.040

optional accessories

KNK Junction chain 493



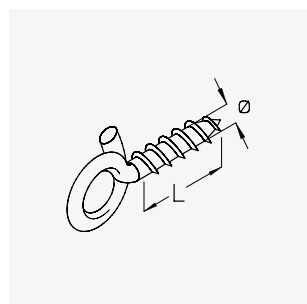
SHH

Eyebolt

Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
SHH 6X40	40	0.40	0.020

optional accessories

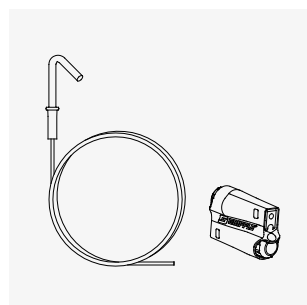
KNK	Junction chain	493
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DSAXPTH 2

Wire suspension with trapezoidal sheet metal hook and express closure

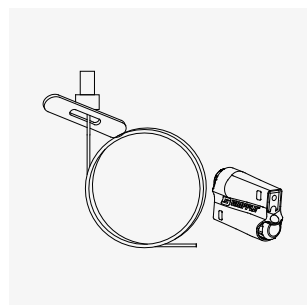
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAXPTH 21GV	1000	0.44	0.047
DSAXPTH 22GV	2000	0.44	0.065
DSAXPTH 23GV	3000	0.44	0.083
DSAXPTH 24GV	4000	0.44	0.100
DSAXPTH 25GV	5000	0.44	0.123
DSAXPTH 210GV	10000	0.44	0.210



DSAXPSP 2

Wire suspension with cross anchor and express closure

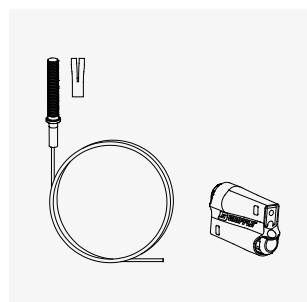
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAXPSP 21GV	1000	0.44	0.047
DSAXPSP 22GV	2000	0.44	0.065
DSAXPSP 23GV	3000	0.44	0.083
DSAXPSP 24GV	4000	0.44	0.100
DSAXPSP 25GV	5000	0.44	0.123
DSAXPSP 210GV	10000	0.44	0.210



DSAXPEF8 2

Wire suspension with M8 threaded end and express closure

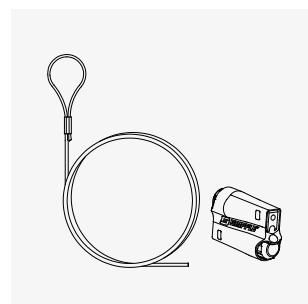
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAXPEF8 21GV	1000	0.44	0.075
DSAXPEF8 22GV	2000	0.44	0.092
DSAXPEF8 23GV	3000	0.44	0.109
DSAXPEF8 24GV	4000	0.44	0.126
DSAXPEF8 25GV	5000	0.44	0.144
DSAXPEF8 210GV	10000	0.44	0.228



DSAXPFR 2

Wire suspension with loop and express closure

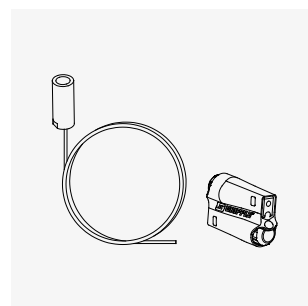
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAXPFR 21GV	1000	0.44	0.049
DSAXPFR 22GV	2000	0.44	0.064
DSAXPFR 23GV	3000	0.44	0.080
DSAXPFR 24GV	4000	0.44	0.095
DSAXPFR 25GV	5000	0.44	0.116
DSAXPFR 210GV	10000	0.44	0.208



DSAXPET8 2

Wire suspension with M8 threaded transition and express closure

Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAXPET8 21GV	1000	0.44	0.060
DSAXPET8 22GV	2000	0.44	0.077
DSAXPET8 23GV	3000	0.44	0.096
DSAXPET8 24GV	4000	0.44	0.113
DSAXPET8 25GV	5000	0.44	0.132
DSAXPET8 210GV	10000	0.44	0.215



DSAHFSP 3

Wire suspension with cross anchor and universal closure

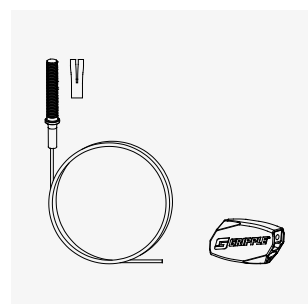
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAHFSP 31GV	1000	0.88	0.080
DSAHFSP 32GV	2000	0.88	0.117
DSAHFSP 33GV	3000	0.88	0.154
DSAHFSP 34GV	4000	0.88	0.195
DSAHFSP 35GV	5000	0.88	0.233
DSAHFSP 310GV	10000	0.88	0.425



DSAHFEF8 3

Wire suspension with M8 threaded end and universal closure

Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAHFEF8 31GV	1000	0.88	0.104
DSAHFEF8 32GV	2000	0.88	0.142
DSAHFEF8 33GV	3000	0.88	0.180
DSAHFEF8 34GV	4000	0.88	0.218
DSAHFEF8 35GV	5000	0.88	0.257
DSAHFEF8 310GV	10000	0.88	0.415



DSAHFFR 3

Wire suspension with loop and universal closure

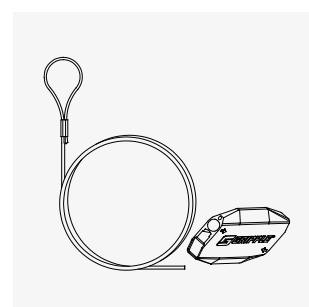
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAHFFR 31GV	1000	0.88	0.080
DSAHFFR 32GV	2000	0.88	0.115
DSAHFFR 33GV	3000	0.88	0.156
DSAHFFR 34GV	4000	0.88	0.180
DSAHFFR 35GV	5000	0.88	0.217
DSAHFFR 310GV	10000	0.88	0.390



DSAHFFR 4

Wire suspension with loop and universal closure

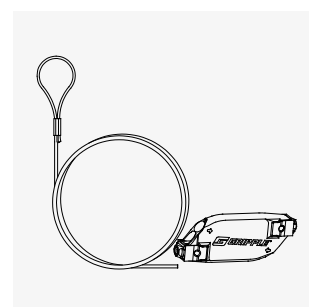
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAHFFR 41GV	1000	2.21	0.223
DSAHFFR 42GV	2000	2.21	0.287
DSAHFFR 43GV	3000	2.21	0.385
DSAHFFR 44GV	4000	2.21	0.447
DSAHFFR 45GV	5000	2.21	0.613
DSAHFFR 410GV	10000	2.21	1.088



DSAHFFR 5

Wire suspension with loop and universal closure

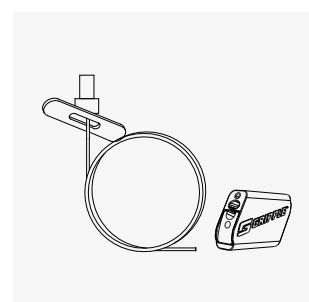
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAHFFR 51GV	1000	3.19	0.400
DSAHFFR 52GV	2000	3.19	0.700
DSAHFFR 53GV	3000	3.19	0.730
DSAHFFR 54GV	4000	3.19	0.888
DSAHFFR 55GV	5000	3.19	1.083
DSAHFFR 510GV	10000	3.19	1.875



DSAINOXSP 2

Stainless steel wire suspension with cross anchor and stainless steel universal closure

Article	L mm	P _{max} kN	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
DSAINOXSP 21E	1000	0.44	0.049
DSAINOXSP 22E	2000	0.44	0.065
DSAINOXSP 23E	3000	0.44	0.080
DSAINOXSP 24E	4000	0.44	0.093
DSAINOXSP 25E	5000	0.44	0.100
DSAINOXSP 210E	10000	0.44	0.183



DSAINOXEF8 2

Stainless steel wire suspension with M8 threaded end and stainless steel universal closure

Article	L mm	P _{max} kN	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)			
DSAINOXEF8 21E	1000	0.44	0.049
DSAINOXEF8 22E	2000	0.44	0.065
DSAINOXEF8 23E	3000	0.44	0.080
DSAINOXEF8 24E	4000	0.44	0.093
DSAINOXEF8 25E	5000	0.44	0.100
DSAINOXEF8 210E	10000	0.44	0.183



DSAINOXFR 2

Stainless steel wire suspension with loop and stainless steel universal closure

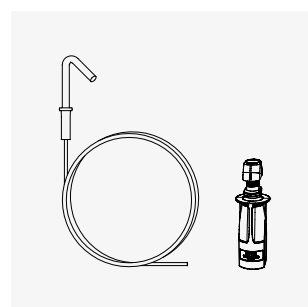
Article	L mm	P _{max} kN	G kg
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
DSAINOXFR 21E4	1000	0.44	0.035
DSAINOXFR 22E4	2000	0.44	0.051
DSAINOXFR 23E4	3000	0.44	0.066
DSAINOXFR 24E4	4000	0.44	0.095
DSAINOXFR 25E4	5000	0.44	0.101
DSAINOXFR 210E4	10000	0.44	0.184



DSAUGTH 2

Wire suspension with trapezoidal sheet metal hook and UniGrip standard closure

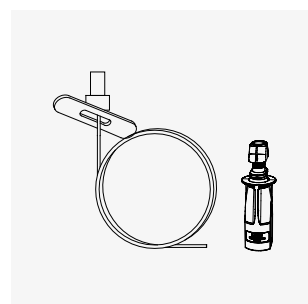
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGTH 21GV	1000	0.54	0.290
DSAUGTH 22GV	2000	0.54	0.310
DSAUGTH 23GV	3000	0.54	0.330
DSAUGTH 24GV	4000	0.54	0.350
DSAUGTH 25GV	5000	0.54	0.370
DSAUGTH 210GV	10000	0.54	0.620



DSAUGSP 2

Wire suspension with cross anchor and UniGrip standard lock

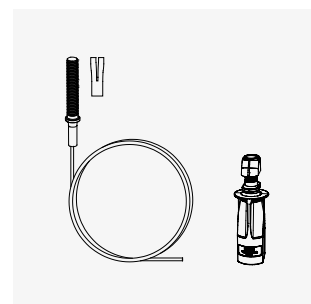
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGSP 21GV	1000	0.54	0.290
DSAUGSP 22GV	2000	0.54	0.310
DSAUGSP 23GV	3000	0.54	0.330
DSAUGSP 24GV	4000	0.54	0.350
DSAUGSP 25GV	5000	0.54	0.370
DSAUGSP 210GV	10000	0.54	0.620



DSAUGEF8 2

Wire suspension with M8 threaded end and UniGrip standard closure

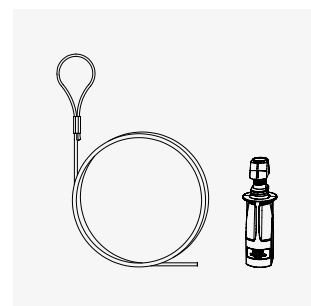
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGEF8 21GV	1000	0.54	0.320
DSAUGEF8 22GV	2000	0.54	0.340
DSAUGEF8 23GV	3000	0.54	0.360
DSAUGEF8 24GV	4000	0.54	0.380
DSAUGEF8 25GV	5000	0.54	0.400
DSAUGEF8 210GV	10000	0.54	0.650



DSAUGFR 2

Wire suspension with loop and UniGrip standard closure

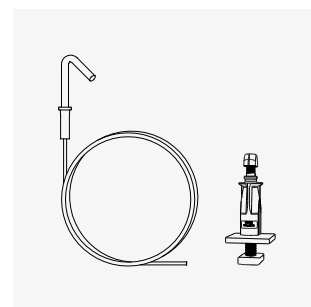
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGFR 21GV	1000	0.54	0.280
DSAUGFR 22GV	2000	0.54	0.300
DSAUGFR 23GV	3000	0.54	0.320
DSAUGFR 24GV	4000	0.54	0.340
DSAUGFR 25GV	5000	0.54	0.360
DSAUGFR 210GV	10000	0.54	0.600



DSAUGRTH 2

Wire suspension with trapezoidal sheet metal hook and UniGrip central exit

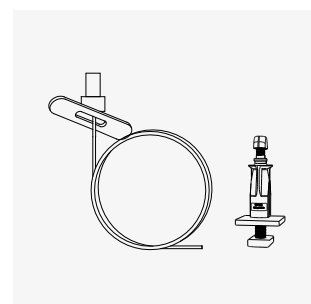
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGRTH 21GV	1000	0.54	0.350
DSAUGRTH 22GV	2000	0.54	0.370
DSAUGRTH 23GV	3000	0.54	0.390
DSAUGRTH 24GV	4000	0.54	0.410
DSAUGRTH 25GV	5000	0.54	0.430
DSAUGRTH 210GV	10000	0.54	0.680



DSAUGRSP 2

Wire suspension with cross anchor and UniGrip central exit

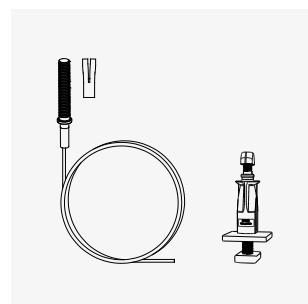
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGRSP 21GV	1000	0.54	0.350
DSAUGRSP 22GV	2000	0.54	0.370
DSAUGRSP 23GV	3000	0.54	0.390
DSAUGRSP 24GV	4000	0.54	0.410
DSAUGRSP 25GV	5000	0.54	0.410
DSAUGRSP 210GV	10000	0.54	0.680



DSAUGREF8 2

Wire suspension with M8 threaded end and UniGrip central exit

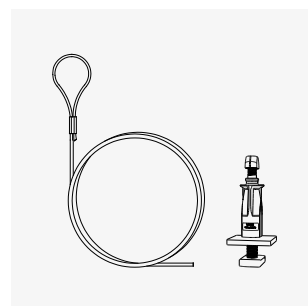
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGREF8 21GV	1000	0.54	0.380
DSAUGREF8 22GV	2000	0.54	0.400
DSAUGREF8 23GV	3000	0.54	0.430
DSAUGREF8 24GV	4000	0.54	0.460
DSAUGREF8 25GV	5000	0.54	0.490
DSAUGREF8 210GV	10000	0.54	0.710



DSAUGRFR 2

Wire suspension with loop and UniGrip central exit

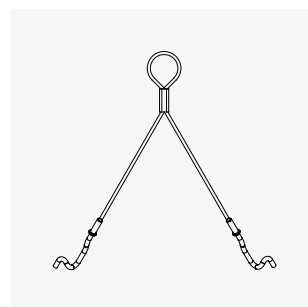
Article	L mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAUGRFR 21GV	1000	0.54	0.340
DSAUGRFR 22GV	2000	0.54	0.360
DSAUGRFR 23GV	3000	0.54	0.380
DSAUGRFR 24GV	4000	0.54	0.400
DSAUGRFR 25GV	5000	0.54	0.420
DSAUGRFR 210GV	10000	0.54	0.670



DSAY2AJCT 2

Y-Fit accessory with hooks for cable trays

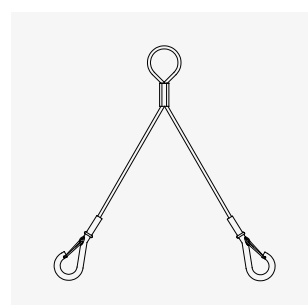
Article	P _{max} kN	G kg
steel, galvanic zinc plated		
DSAY2AJCT 2150GV	0.44	0.060
DSAY2AJCT 2300GV	0.44	0.065



DSAY2AJEC 2

Y-Fit accessory with hooks

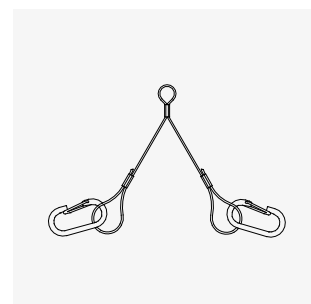
Article	P _{max} kN	G kg
steel, galvanic zinc plated		
DSAY2AJEC 2150GV	0.44	0.060
DSAY2AJEC 2300GV	0.44	0.065
DSAY2AJEC 2500GV	0.44	0.070
DSAY2AJEC 2800GV	0.44	0.077



DSAY2AJEM 2

Y-Fit Accessory with carabiner clips

Article	P _{max} kN	G kg
steel, galvanic zinc plated		
DSAY2AJEM 2150GV	0.44	0.070
DSAY2AJEM 2300GV	0.44	0.090
DSAY2AJEM 2500GV	0.44	0.100



DSAGCB

Beam clip

Article	k mm	P _{max} kN	G kg
steel, galvanic zinc plated			
DSAGCB 24GV	2-4	0.71	0.007
DSAGCB 48GV	4-8	0.96	0.014
DSAGCB 814GV	8-14	0.96	0.017
DSAGCB 1420GV	14-20	0.96	0.018



DSAGRIPKARA

Carabiner clip

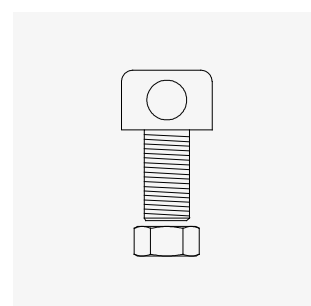
Article	P _{max} kN	G kg
steel, galvanic zinc plated		
DSAGRIPKARA 6GV	0.44	0.040
Stainless steel, acc. to AISI 304 (BS 304S31)		
DSAGRIPKARA 6E	0.44	0.040



DSAGRIPADAP

Thread adaptor with hole

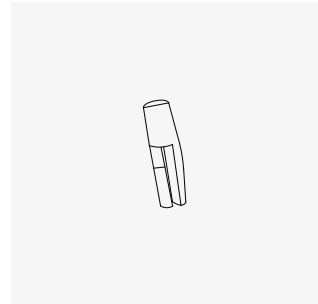
Article	Ø mm	G kg
steel, galvanic zinc plated		
DSAGRIPADAP 6GV	6.0	0.011
DSAGRIPADAP 8GV	8.0	0.025



DSAGRIPTWIS

Wire end cap

Article	G
	kg
steel, galvanic zinc plated	
DSAGRIPTWIS	0.000



DSAGRIPCLE 1

Adjustment key

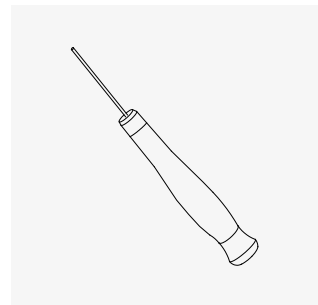
Article	G
	kg
steel, galvanic zinc plated	
DSAGRIPCLE 1	0.021



DSAGRIPCLE 2

Adjustment key

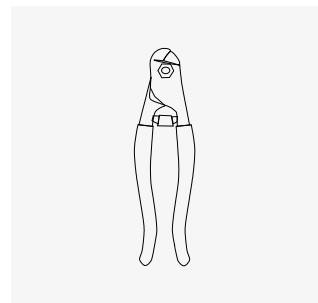
Article	G
	kg
steel, galvanic zinc plated	
DSAGRIPCLE 2	0.023



DSAGRIPPING

Wire cutter

Article	G
	kg
steel, galvanic zinc plated	
DSAGRIPPING	0.300
DSAGRIPPING 6	7.900

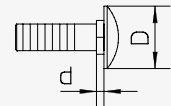
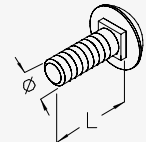


Screws and Bolts

FRSV

Round-head bolt with short square, DIN 603

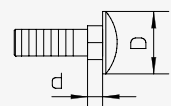
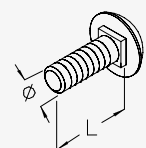
Article	L mm	d mm	D mm	Ø mm	G kg
Steel, hot-dip galvanised					
FRSV 10X20F	20	2.5	24	10.0	0.022
steel, galvanic zinc plated					
FRSV 6X12	12	1.5	16	6.0	0.005
FRSV 6X16	16	1.5	16	6.0	0.006
FRSV 8X16	16	2.0	20	8.0	0.012
FRSV 10X20	20	2.5	24	10.0	0.022
Stainless steel, acc. to AISI 304 (BS 304S31)					
FRSV 6X12E	12	1.5	16	6.0	0.005
FRSV 6X16E	16	1.5	16	6.0	0.006
FRSV 8X16E	16	2.0	20	8.0	0.012
FRSV 10X20E	20	2.5	24	10.0	0.022
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
FRSV 6X12E4	12	1.5	16	6.0	0.006
FRSV 6X16E4	16	1.5	16	6.0	0.006
FRSV 8X16E4	16	2.0	20	8.0	0.012
FRSV 10X20E4	20	2.5	24	10.0	0.024



FRS

Round-head bolt with square, DIN 603

Article	L mm	d mm	D mm	Ø mm	G kg
Steel, hot-dip galvanised					
FRS 10X20F	30	6.0	24	10.0	0.028
FRS 10X30F	30	6.0	24	10.0	0.028
FRS 12X30F	30	8.0	30	12.0	0.049
steel, galvanic zinc plated					
FRS 6X25	25	4.0	16	6.0	0.007
FRS 8X20	20	5.0	20	8.0	0.014
FRS 8X25	25	5.0	20	8.0	0.015
FRS 8X35	35	5.0	20	8.0	0.018
FRS 8X50	50	5.0	20	8.0	0.022
FRS 10X30	30	6.0	24	10.0	0.027
FRS 12X30	30	8.0	30	12.0	0.047

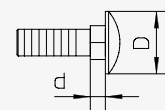
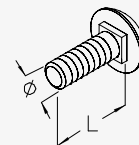


FRS

Round-head bolt with square, DIN 603

Article	L	d	D	Ø	G
	mm	mm	mm	mm	kg
Stainless steel, acc. to AISI 304 (BS 304S31)					
FRS 6X16E	16	4.0	16	6.0	0.006
FRS 6X20E	20	4.0	16	6.0	0.006
FRS 6X25E	25	4.0	16	6.0	0.007
FRS 6X50E	50	4.0	16	6.0	0.014
FRS 8X20E	20	5.0	20	8.0	0.014
FRS 8X25E	25	5.0	20	8.0	0.014
FRS 8X35E	35	5.0	20	8.0	0.018
FRS 8X50E	50	5.0	20	8.0	0.022
FRS 10X30E	30	6.0	24	10.0	0.029
FRS 12X30E	30	8.0	30	12.0	0.051

Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)					
FRS 6X20E4	20	4.0	16	6.0	0.008
FRS 8X25E4	25	5.0	20	8.0	0.014
FRS 8X50E4	50	5.0	20	8.0	0.023



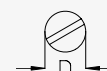
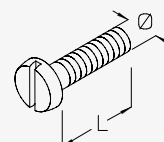
FKS

Slotted cylinder head screw, DIN EN ISO 1580

Article	L	D	Ø	G
	mm	mm	mm	kg
steel, galvanic zinc plated				
FKS 6X10	10	12	6.0	0.004
FKS 6X12GV	12	12	6.0	0.004
FKS 6X20	20	12	6.0	0.005
FKS 6X25	25	12	6.0	0.006
FKS 8X20	20	12	8.0	0.013

Stainless steel, acc. to AISI 304 (BS 304S31)				
FKS 6X10E	10	12	6.0	0.003
FKS 6X12E	12	12	6.0	0.004
FKS 6X16E	16	12	6.0	0.004
FKS 6X20E	20	12	6.0	0.005
FKS 6X25E	25	12	6.0	0.006

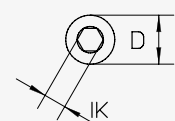
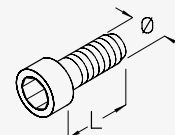
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
FKS 6X16E4	16	12	6.0	0.005
FKS 8X16E4	16	16	8.0	0.011



IK

Hexagon socket head screw, DIN 912

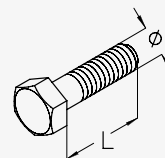
Article	L mm	D mm	Ø mm	G kg
steel, galvanic zinc plated				
IK 5X10	10	8,3	5.0	0.005
IK 5X40	40	8,3	5.0	0.019
IK 6X20	20	10.2	6.0	0.006
IK 8X20	20	13.3	8.0	0.012
IK 8X25	25	13.3	8.0	0.014
IK 8X30	30	13.3	8.0	0.015
IK 8X40	40	13.3	8.0	0.019
IK 10X20	20	16.3	10.0	0.021
IK 10X25	25	16.3	10.0	0.024
IK 10X30	30	16.3	10.0	0.026
IK 10X40	40	16.3	10.0	0.031
IK 12X20	20	18.3	12.0	0.031
IK 12X25	25	18.3	12.0	0.035
IK 12X30	30	18.3	12.0	0.038
IK 12X40	40	18.3	12.0	0.045
IK 12X50	50	18.3	12.0	0.052
Stainless steel, acc. to AISI 304 (BS 304S31)				
IK 8X10E	10	13.3	8.0	0.009
IK 8X20E	20	13.3	8.0	0.012
IK 8X25E	25	13.3	8.0	0.014
IK 8X30E	30	13.3	8.0	0.015
IK 8X40E	40	13.3	8.0	0.019
IK 8X50E	50	13.3	8.0	0.024
IK 10X20E	20	16.3	10.0	0.021
IK 10X25E	25	16.3	10.0	0.024
IK 10X30E	30	16.3	10.0	0.026
IK 10X40E	40	16.3	10.0	0.032
IK 12X20E	20	18.3	12.0	0.032
IK 12X25E	25	18.3	12.0	0.035
IK 12X30E	30	18.3	12.0	0.039
IK 12X40E	40	18.3	12.0	0.046
IK 12X50E	50	18.3	12.0	0.054



SES

Hexagon head bolt, DIN 933

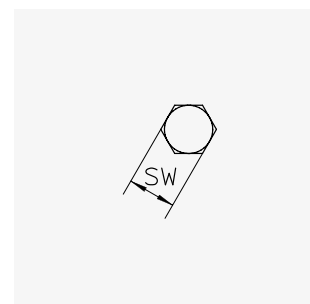
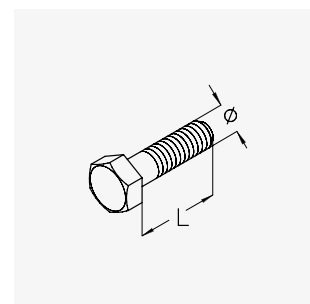
Article	L mm	Ø mm	SW mm	G kg
Steel, hot-dip galvanised				
SES 8X30F	30	8.0	13	0.014
SES 10X20F	20	10.0	17(16)	0.021
SES 10X25F	25	10.0	17(16)	0.023
SES 10X25-12.9F	25	10.0	17(16)	0.023
SES 10X30F	30	10.0	17(16)	0.025
SES 10X50F	50	10.0	17(16)	0.036
SES 10X55F	55	10.0	17(16)	0.038
SES 10X70F	70	10.0	17(16)	0.046
SES 10X75F	75	10.0	17(16)	0.047
SES 10X90F	90	10.0	17(16)	0.055
SES 10X100F	100	10.0	17(16)	0.061
SES 12X20F	20	12.0	19(18)	0.031
SES 12X25F	25	12.0	19(18)	0.035
SES 12X30F	30	12.0	19(18)	0.038
SES 12X40F	40	12.0	19(18)	0.045
SES 12X50F	50	12.0	19(18)	0.051
SES 12X70F	70	12.0	19(18)	0.065
SES 12X100F	100	12.0	19(18)	0.075
SES 12X120F	120	12.0	19(18)	0.103
steel, galvanic zinc plated				
SES 6X16	16	6.0	10	0.005
SES 6X20	20	6.0	10	0.005
SES 6X25	25	6.0	10	0.006
SES 6X30	30	6.0	10	0.007
SES 8X16	16	8.0	13	0.010
SES 8X20	20	8.0	13	0.011
SES 8X25	25	8.0	13	0.013
SES 8X30	30	8.0	13	0.014
SES 8X40	40	8.0	13	0.018
SES 8X110	110	8.0	13	0.039
SES 10X20	20	10.0	17(16)	0.021
SES 10X25	25	10.0	17(16)	0.023
SES 10X30	30	10.0	17(16)	0.025
SES 10X40	40	10.0	17(16)	0.031
SES 10X50	50	10.0	17(16)	0.036
SES 10X70	70	10.0	17(16)	0.046
SES 10X75	75	10.0	17(16)	0.047
SES 10X90	90	10.0	17(16)	0.055
SES 10X100	100	10.0	17(16)	0.061
SES 12X20	20	12.0	19(18)	0.031
SES 12X25	25	12.0	19(18)	0.034
SES 12X30	30	12.0	19(18)	0.038
SES 12X40	40	12.0	19(18)	0.045
SES 12X50	50	12.0	19(18)	0.052



SES

Hexagon head bolt, DIN 933

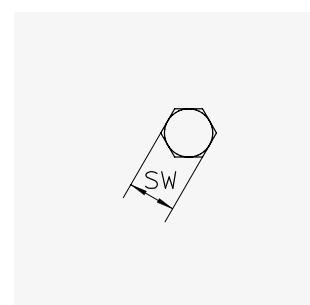
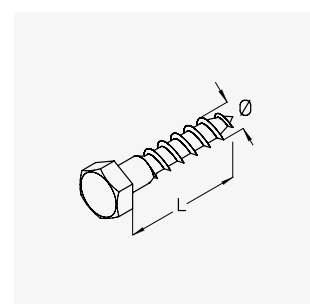
Article	L mm	Ø mm	SW mm	G kg
Stainless steel, acc. to AISI 304 (BS 304S31)				
SES 6X12E	12	6.0	10	0.005
SES 6X16E	16	6.0	10	0.005
SES 6X20E	20	6.0	10	0.005
SES 8X16E	16	8.0	13	0.010
SES 8X20E	20	8.0	13	0.011
SES 8X25E	25	8.0	13	0.013
SES 8X30E	30	8.0	13	0.015
SES 10X20E	20	10.0	17	0.021
SES 10X25E	25	10.0	17(16)	0.024
SES 10X30E	30	10.0	17(16)	0.026
SES 10X70E	70	10.0	17(16)	0.046
SES 10X75E	75	10.0	17(16)	0.049
SES 10X90E	90	10.0	17(16)	0.056
SES 10X100E	100	10.0	17(16)	0.061
SES 12X20E	20	12.0	19(18)	0.031
SES 12X25E	25	12.0	19(18)	0.034
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
SES 6X20E4	20	6.0	10	0.006
SES 8X20E4	20	8.0	13	0.012
SES 8X30E4	30	8.0	13	0.015
SES 10X20E4	20	10.0	17	0.021
SES 10X25E4	25	10.0	17(16)	0.024
SES 10X55E4	55	10.0	17(16)	0.038
SES 10X70E4	70	10.0	17(16)	0.046
SES 10X75E4	75	10.0	17(16)	0.049
SES 10X90E4	90	10.0	17(16)	0.056
SES 10X100E4	100	10.0	17(16)	0.061



SEH

Hexagon wood screw

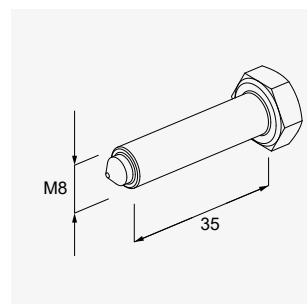
Article	L mm	Ø mm	SW mm	G kg
steel, galvanic zinc plated				
SEH 8X50	50	8.0	13	0.017
SEH 8X60	60	8.0	13	0.019
SEH 10X50	50	10.0	17	0.030
SEH 10X60	60	10.0	17	0.034
SEH 10X80	80	10.0	17	0.046



SESA

Hexagon head bolt with half dog point, DIN 564

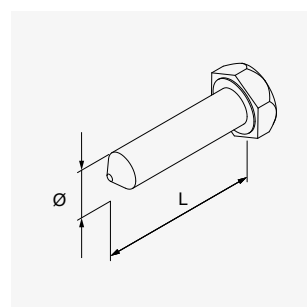
Article	MG	G kg
steel, galvanic zinc plated		
SESA 8X35	M8	0.014
Stainless steel, acc. to AISI 304 (BS 304S31)		
SESA 8X35E	M8	0.014
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)		
SESA 8X35E4	M8	0.014



SESMS

Hexagon head bolt with point, similar to DIN 933

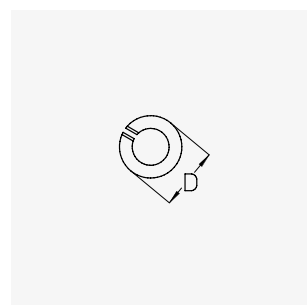
Article	L mm	Ø mm	SW mm	G kg
Steel, hot-dip galvanised				
SESMS 10X40F	40	10.0	17(16)	0.033



FR

Spring washer

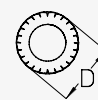
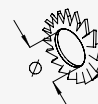
Article	D mm	Ø mm	G kg
steel, galvanic zinc plated			
FR B6	11.8	6.1	0.001
FR B8	14.8	8.1	0.001
FR B10	18.1	10.2	0.002
FR B12	21.1	12.2	0.002
Stainless steel, acc. to AISI 304 (BS 304S31)			
FR B6E	11.8	6.1	0.001
FR B8E	14.8	8.1	0.001
FR B10E	18.1	10.2	0.002
FR B12E	21.1	12.2	0.002
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
FR B6E4	11.8	6.1	0.001
FR B8E4	14.8	8.1	0.001
FR B10E4	18.1	10.2	0.002
FR B12E4	21.1	12.2	0.002



FS

Serrated washer

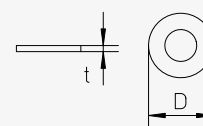
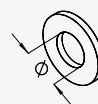
Article	B mm	D mm	Ø mm	G kg
steel, galvanic zinc plated				
FS 6	64	11	6.4	0.000
FS 8	82	14	8.2	0.001
FS 10	105	18	10.5	0.001
FS 12	125	20.5	12.5	0.002
Stainless steel, acc. to AISI 304 (BS 304S31)				
FS 6E	64	11	6.4	0.000
FS 8E	82	14	8.2	0.001
FS 10E	105	18	10.5	0.001
FS 12E	125	20.5	12.5	0.002



US125

Washer, DIN EN ISO 7089

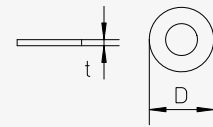
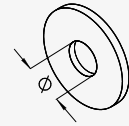
Article	t mm	D mm	Ø mm	G kg
Steel, hot-dip galvanised				
US 10X21F	2.00	20	10.5	0.003
US 13X24F	2.50	24	13.0	0.005
US 17X30F	3.00	30	17.0	0.011
steel, galvanic zinc plated				
US 6X12	1.60	12.5	6.4	0.001
US 8X17	2.00	16	8.4	0.001
US 10X21	2.00	20	10.5	0.003
US 13X24	2.50	24	13.0	0.005
US 17X30	3.00	30	17.0	0.009
Stainless steel, acc. to AISI 304 (BS 304S31)				
US 6X12E	1.50	12.5	6.4	0.001
US 8X17E	1.50	16	8.4	0.001
US 10X21E	2.00	20	10.5	0.003
US 13X24E	2.50	24	13.0	0.005
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
US 6X12E4	1.50	12.5	6.4	0.001
US 8X17E4	1.50	16	8.4	0.001
US 10X21E4	2.00	20	10.5	0.002



US9021

Washer, DIN EN ISO 7093

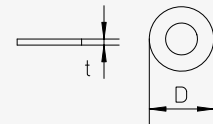
Article	t mm	D mm	Ø mm	G kg
Steel, hot-dip galvanised				
US 10X30F	2.50	30	10.5	0.011
US 13X40F	3.00	37	13.0	0.020
steel, galvanic zinc plated				
US 6X18	1.60	18	6.4	0.002
US 8X25	1.60	24	8.4	0.006
US 10X30	2.50	30	10.5	0.011
US 13X40	3.00	37	13.0	0.018
Stainless steel, acc. to AISI 304 (BS 304S31)				
US 6X18E	1.60	18	6.4	0.002
US 8X25E	1.60	24	8.4	0.006
US 10X30E	2.50	30	10.5	0.010
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
US 8X25E4	1.60	24	8.4	0.007
US 10X30E4	2.50	30	10.5	0.011



UVS

Captive washer

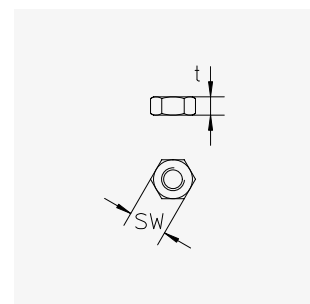
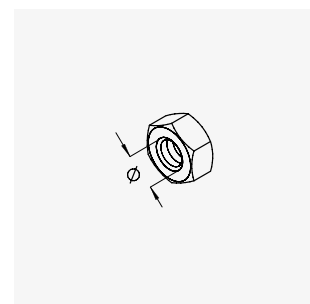
Article	t mm	D mm	Ø mm	G kg
polyethylen				
UVS M6	1.30	12.5	6.0	0.000
UVS M8	1.65	16.2	8.0	0.000
UVS M10X24	2.10	24	10.0	0.001
UVS M10	2.10	30	10.5	0.000



SEM

Hexagon nut, DIN 934

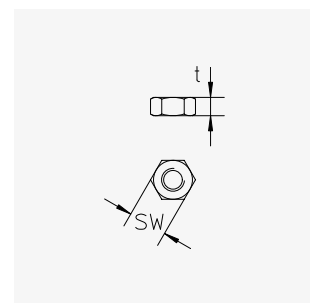
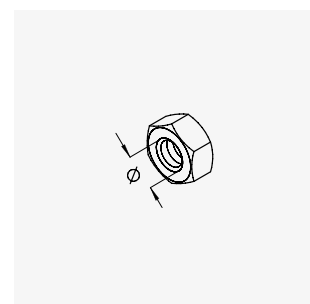
Article	t mm	Ø mm	SW mm	G kg
Steel, hot-dip galvanised				
SEM 10F	8.00	10.0	17(15)	0.010
SEM 12F	10.00	12.0	19(18)	0.015
steel, galvanic zinc plated				
SEM 6	5.00	6.0	10	0.002
SEM 8	6.50	8.0	13	0.005
SEM 10	8.00	10.0	17(15)	0.010
SEM 12	10.00	12.0	19(18)	0.014
Stainless steel, acc. to AISI 304 (BS 304S31)				
SEM 6E	5.00	6.0	10	0.002
SEM 8E	6.50	8.0	13	0.005
SEM 10E	8.00	10.0	17(15)	0.010
SEM 12E	10.00	12.0	19(18)	0.014
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
SEM 6E4	5.00	6.0	10	0.002
SEM 8E4	6.50	8.0	13	0.005
SEM 10E4	8.00	10.0	17(15)	0.009
SEM 12E4	10.00	12.0	19(18)	0.016



SEMB

Hexagon nut, self-locking, DIN 934

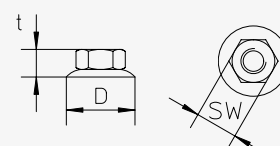
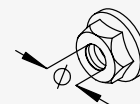
Article	t mm	Ø mm	SW mm	G kg
Steel, hot-dip galvanised				
SEMB 10F	9.50	10.0	15	0.011



SEMS

Hexagonal nut with flange, DIN EN 1661

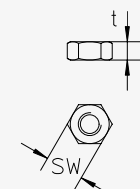
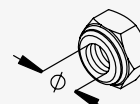
Article	t mm	D mm	Ø mm	SW mm	G kg
steel, galvanic zinc plated					
SEMS 6	5.50	14	6.0	10	0.002
SEMS 8	7.50	17	8.0	13	0.006
SEMS 10	9.50	21	10.0	17	0.010
Stainless steel, acc. to AISI 304 (BS 304S31)					
SEMS 6E	5.50	14	6.0	10	0.003
SEMS 8E	7.50	17	8.0	13	0.006
SEMS 10E	9.50	21	10.0	15	0.011



SEMSS

Hexagon nut, self-locking, DIN 985

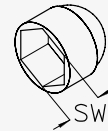
Article	t mm	Ø mm	SW mm	G kg
steel, galvanic zinc plated				
SEMSS 5	5.00	5.0	8	0.002
SEMSS 6	6.00	6.0	10	0.002
SEMSS 8	8.00	8.0	13	0.005
SEMSS 10	10.00	10.0	17	0.010
Stainless steel, acc. to AISI 304 (BS 304S31)				
SEMSS 6E	8.00	6.0	13	0.002
SEMSS 8E	8.00	8.0	13	0.005
SEMSS 10E	10.00	10.0	17	0.010
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
SEMSS 6E4	6.00	6.0	10	0.002
SEMSS 8E4	8.00	8.0	13	0.005
SEMSS 10E4	10.00	10.0	17	0.010



SSK

Protection cap

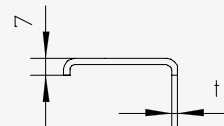
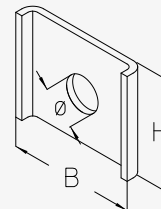
Article	SW mm	colour	G kg
polyethylen			
SSK 6	10	gray	0.000
SSK 8	13	gray	0.000
SSK 10	17	gray	0.001



RUS 41

U-shaped washer, A/KHA 21/41/42/82

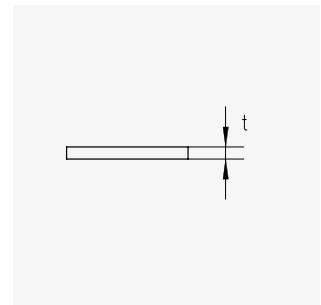
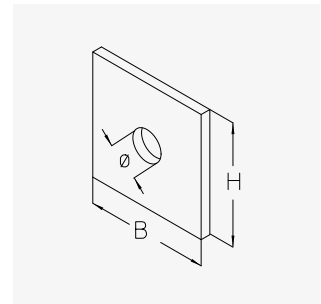
Article	H mm	B mm	t mm	Ø mm	G kg
Steel, hot-dip galvanised					
RUS 41-L13F	40	46	2.50	13.0	0.039
steel, galvanic zinc plated					
RUS 41-L13GV	40	46	2.50	13.0	0.035
Stainless steel, acc. to AISI 304 (BS 304S31)					
RUS 41-L13E	40	46	1.80	13.0	0.026



RUS 50

Washer, KHI

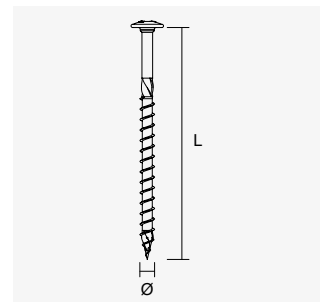
Article	H	B	t	Ø	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
RUS 50-L13F	50	50	4.00	13.0	0.081
steel, galvanic zinc plated					
RUS 50-L13GV	50	50	4.00	13.0	0.075
Stainless steel, acc. to AISI 304 (BS 304S31)					
RUS 50-L13E	50	50	4.00	13.0	0.075



HT

Wood screw

Article	Ø	G
	mm	kg
steel, galvanic zinc plated		
HT 6X100GV	6.0	0.013
HT 6X60GV	6.0	0.009
HT 6X80GV	6.0	0.011
HT 10X100GV	10.0	0.037
HT 10X120GV	10.0	0.043
HT 10X140GV	10.0	0.049
HT 10X80GV	10.0	0.031



Channel Nuts & Bolts

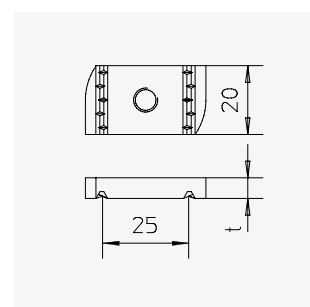
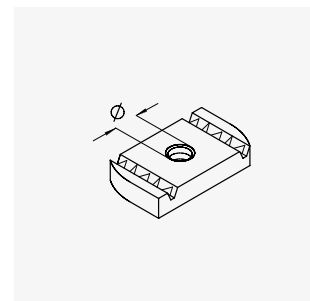
AM 22

Channel nut

Article	t mm	Ø mm	G kg
Steel, hot-dip galvanised			
AM22 M10F	8.00	10.0	0.039
AM22 M12F	9.00	12.0	0.038
AM22 M6F	6.00	6.0	0.027
AM22 M8F	6.00	8.0	0.025
steel, galvanic zinc plated			
AM22 M10	8.00	10.0	0.031
AM22 M12	9.50	12.0	0.033
AM22 M6	6.00	6.0	0.026
AM22 M8	6.00	8.0	0.025
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
AM22 M10E4	8.00	10.0	0.035
AM22 M12E4	9.50	12.0	0.035
AM22 M6E4	6.00	6.0	0.027
AM22 M8E4	6.00	8.0	0.029

optional accessories

A 41	41x41 mm profile rail, unperforated	460
KHA 41	41x41 mm profile rail, perforated	324,445
KHAL 41	41x41 mm profile rail, perforated	446



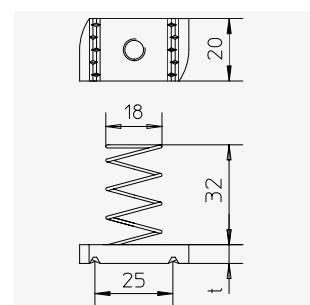
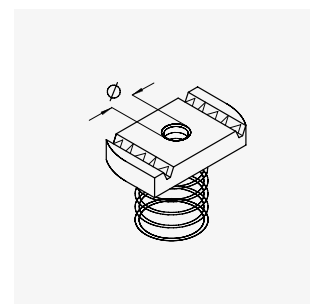
AMF 22

Channel nut with spring

Article	t mm	Ø mm	G kg
Steel, hot-dip galvanised			
AMF22 M10F	8.00	10.0	0.034
AMF22 M12F	9.50	12.0	0.036
AMF22 M6F	6.00	6.0	0.029
AMF22 M8F	6.00	8.0	0.029
steel, galvanic zinc plated			
AMF22 M10	8.00	10.0	0.034
AMF22 M12	9.50	12.0	0.036
AMF22 M6	6.00	6.0	0.028
AMF22 M8	6.00	8.0	0.027
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
AMF22 M10E4	8.00	10.0	0.035
AMF22 M12E4	9.50	12.0	0.035
AMF22 M6E4	6.00	6.0	0.027
AMF22 M8E4	6.00	8.0	0.029

optional accessories

A 41	41x41 mm profile rail, unperforated	460
KHA 41	41x41 mm profile rail, perforated	324,445
KHAL 41	41x41 mm profile rail, perforated	446



HS22

Tee-head bolt

Article	L mm	Ø mm	G kg
Steel, hot-dip galvanised			
HS22 10X80F	80	10.0	0.119
steel, galvanic zinc plated			
HS22 12X30	30	12.0	0.096
HS22 12X40	40	12.0	0.103
HS22 12X50	50	12.0	0.110
HS22 12X60	60	12.0	0.118
HS22 16X40	40	16.0	0.193
HS22 16X60	60	16.0	0.181
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
HS22 10X80E4	80	10.0	0.105
HS22 12X30E4	30	12.0	0.097
HS22 12X40E4	40	12.0	0.105
HS22 12X50E4	50	12.0	0.112
HS22 12X60E4	60	12.0	0.119
HS22 16X40E4	40	16.0	0.196
HS22 16X60E4	60	16.0	0.222

optional accessories

A 2	50x31 mm profile rail, unperforated	458
KHA 2	50x31 mm profile rail, perforated	461
A 4	48x26 mm profile rail, unperforated	458
KHA 4	48x26 mm profile rail, perforated	461

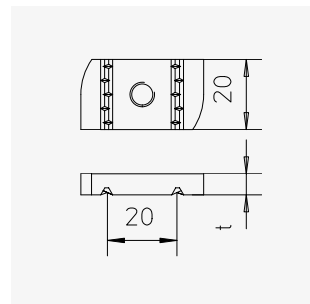
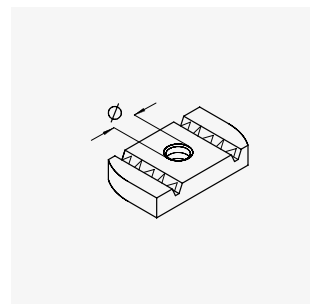
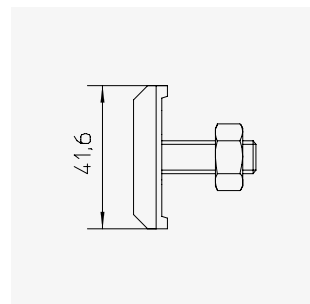
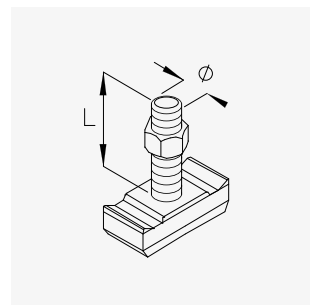
AM 18

Channel nut

Article	t mm	Ø mm	G kg
Steel, hot-dip galvanised			
AM18 M10F	8.00	10.0	0.032
AM18 M12F	9.50	12.0	0.035
AM18 M6F	6.00	6.0	0.027
AM18 M8F	6.00	8.0	0.026
steel, galvanic zinc plated			
AM18 M10	8.00	10.0	0.032
AM18 M12	9.50	12.0	0.034
AM18 M6	6.00	6.0	0.026
AM18 M8	6.00	8.0	0.025
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
AM18 M10E4	8.00	10.0	0.032
AM18 M12E4	9.50	12.0	0.035
AM18 M6E4	6.00	6.0	0.027
AM18 M8E4	6.00	8.0	0.025

optional accessories

A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460



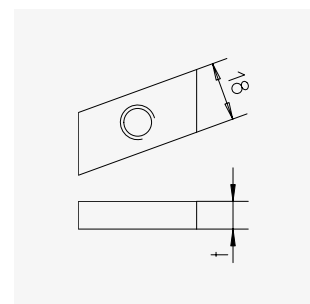
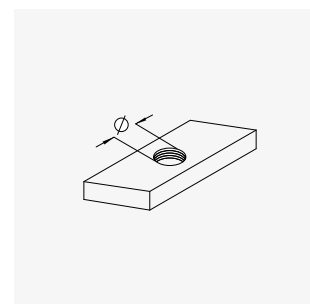
AMA 18

Channel nut

Article	t mm	Ø mm	G kg
Steel, hot-dip galvanised			
AMA18 M10F	8.00	10.0	0.036
AMA18 M6F	5.00	6.0	0.024
AMA18 M8F	6.00	8.0	0.028
Stainless steel, acc. to AISI 304 (BS 304S31)			
AMA18 M10E	8.00	10.0	0.037
AMA18 M6E	6.00	6.0	0.022
AMA18 M8E	6.00	8.0	0.028

optional accessories

A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460



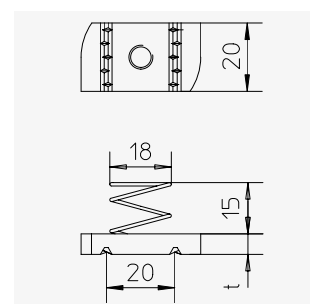
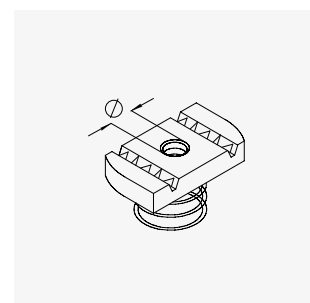
AMF 18

Channel nut with spring

Article	t mm	Ø mm	G kg
Steel, hot-dip galvanised			
AMF18 M10F	8.00	10.0	0.035
AMF18 M12F	9.50	12.0	0.033
AMF18 M6F	6.00	6.0	0.028
AMF18 M8F	6.00	8.0	0.027
steel, galvanic zinc plated			
AMF18 M10	8.00	10.0	0.033
AMF18 M12	9.50	12.0	0.032
AMF18 M6	6.00	6.0	0.027
AMF18 M8	6.00	8.0	0.026

optional accessories

A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460



HS18

Tee-head bolt

Article	L mm	Ø mm	G kg
steel, galvanic zinc plated			
HS18 10X30	30	10.0	0.062
HS18 10X40	40	10.0	0.067
HS18 10X50	50	10.0	0.072
HS18 10X60	60	10.0	0.077
HS18 12X30	30	12.0	0.074
HS18 12X40	40	12.0	0.081
HS18 12X60	60	12.0	0.096
HS18 16X40	40	16.0	0.142
HS18 16X60	60	16.0	0.168
HS18 16X80	80	16.0	0.195

Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
HS18 10X30E4	30	10.0	0.063
HS18 10X40E4	40	10.0	0.068
HS18 10X50E4	50	10.0	0.073

optional accessories

A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460

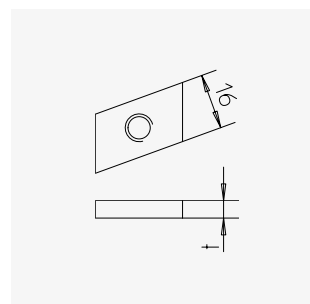
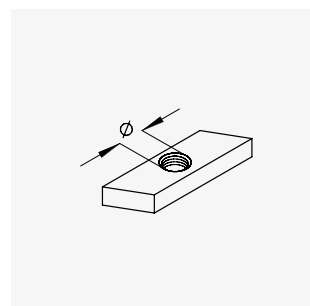
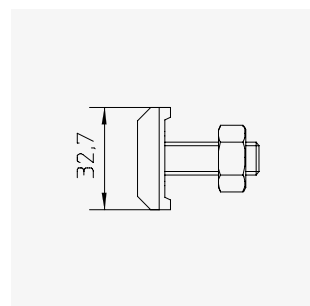
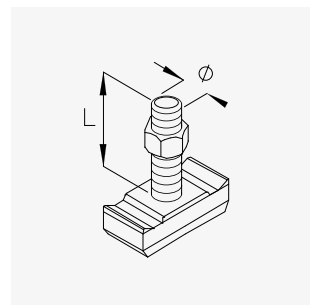
AM 16

Channel nut

Article	t mm	Ø mm	G kg
Steel, hot-dip galvanised			
AM16 M6F	5.00	6.0	0.016
AM16 M8F	5.00	8.0	0.015
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
AM16 M6E4	5.00	6.0	0.016

optional accessories

B 7	30x15 mm profile rail, unperforated	467
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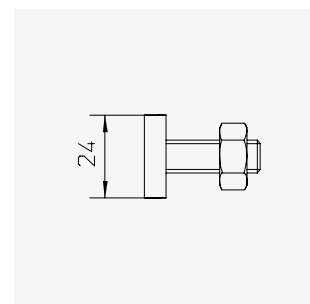
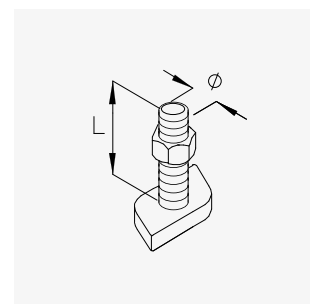
HS16

Tee-head bolt

Article	L mm	Ø mm	G kg
steel, galvanic zinc plated			
HS16 10X30	30	10.0	0.042
HS16 10X50	50	10.0	0.058
HS16 8X20	20	8.0	0.026
HS16 8X40	40	8.0	0.040

optional accessories

B 7	30x15 mm profile rail, unperforated	467
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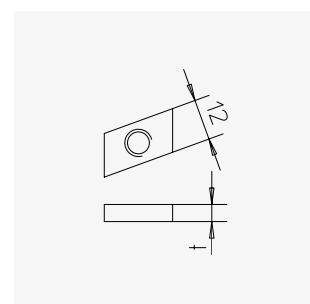
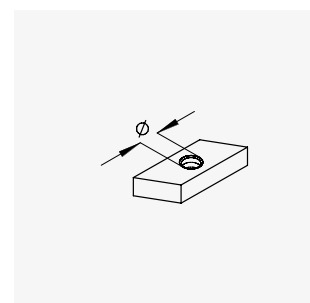
AM 12

Channel nut

Article	t mm	Ø mm	G kg
Steel, hot-dip galvanised			
AM12 M6F	5.00	6.0	0.009
AM12 M8F	5.00	8.0	0.008
Stainless steel, acc. to AISI 304 (BS 304S31)			
AM12 M8E	5.00	8.0	0.008

optional accessories

B 3	28x12 mm profile rail, unperforated	466
B 6	28x15 mm profile rail, unperforated	467



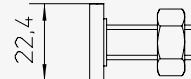
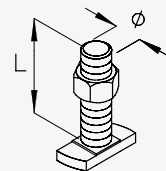
HS12

Tee-head bolt

Article	L mm	Ø mm	G kg
steel, galvanic zinc plated			
HS12 10X20	20	10.0	0.030
HS12 10X30	30	10.0	0.035
HS12 10X40	40	10.0	0.040
HS12 6X30	30	6.0	0.017
HS12 6X40	40	6.0	0.019
HS12 8X20	20	8.0	0.021
HS12 8X30	30	8.0	0.024
HS12 8X40	40	8.0	0.028
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)			
HS12 10X20E4	20	10.0	0.031
HS12 10X30E4	30	10.0	0.035
HS12 10X40E4	40	10.0	0.041

optional accessories

B 3	28x12 mm profile rail, unperforated	466
B 6	28x15 mm profile rail, unperforated	467



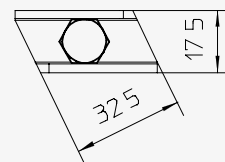
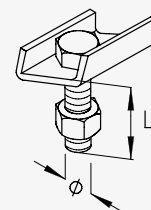
AKB

Anchor bolt, A 7/A 8/A 9

Article	L mm	Ø mm	G kg
steel, galvanic zinc plated			
AKB 10X35	35	10.0	0.044
AKB 10X45	45	10.0	0.049
AKB 12X35	35	12.0	0.052
AKB 12X45	45	12.0	0.062
AKB 6X25	25	6.0	0.026
AKB 8X25	25	8.0	0.031
AKB 8X35	35	8.0	0.034
AKB 8X45	45	8.0	0.038

optional accessories

A 7	39.5x22 mm profile rail, unperforated	459
A 8	40x22 mm profile rail, unperforated	459
A 9	40x25 mm profile rail, unperforated	460



Electrical Fastenings

SH QS

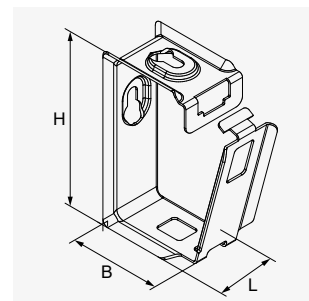
Multiple cable holder, metal



Article	H mm	B mm	L mm	cables	G kg
Steel, pre-galvanised/Sendzimir process					
SH 15Q S	66	45	31	15	0.031
SH 30Q S	92	63	34	30	0.072

optional accessories

SD	Expansion anchor	487
SAZ	Drop-in anchor	487



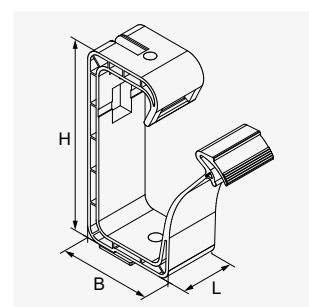
SH K

Multiple cable holder, plastic

Article	H mm	B mm	L mm	cables	T _{max} °C	G kg
polyamide						
SH 15 FWK	94	49	28	15	960	0.030
SH 15 K	93	48	27	15	750	0.029
SH 30 FWK	129	60	28	30	960	0.050
SH 30 K	128	59	27	30	750	0.049

optional accessories

KOT K	Joiner, plastic	523
BFS K	Quick-mounting clip, plastic	523
BFS ND K	Quick-mounting clip, plastic, with nail anchor	523
SN	Screw-in nail anchor	524
KSD	Plastic plug-in anchor	524



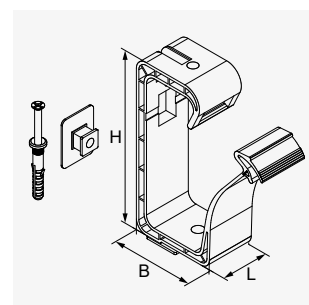
SH ND K

Multiple cable holder, plastic, with nail anchor

Article	H mm	B mm	L mm	cables	T _{max} °C	G kg
polyamide						
SH 15 ND FWK	94	49	28	15	960	0.039
SH 15 ND K	93	48	27	15	750	0.035
SH 30 ND FWK	129	60	28	30	960	0.060
SH 30 ND K	128	59	27	30	750	0.056

optional accessories

KOT K	Joiner, plastic	523
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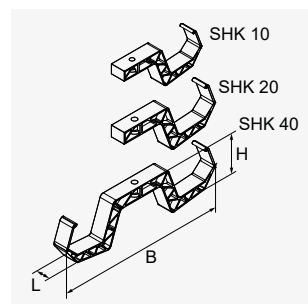
SHK K

Multiple cable holder clamp, plastic

Article	H mm	B mm	L mm	cables	T _{max} °C	G kg
polyamide						
SHK 10 K	45	112	19	10	750	0.023
SHK 20 K	58	128	19	20	750	0.027
SHK 40 K	58	216	19	40	750	0.049

optional accessories

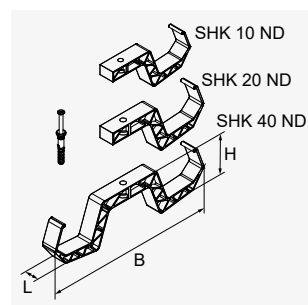
SN	Screw-in nail anchor	524
KSD	Plastic plug-in anchor	524



SHK ND K

Multiple cable holder clamp, plastic, with nail anchor

Article	H mm	B mm	L mm	cables	T _{max} °C	G kg
polyamide						
SHK 10 ND K	45	112	19	10	750	0.032
SHK 20 ND K	58	128	19	20	750	0.036
SHK 40 ND K	58	216	19	40	750	0.054



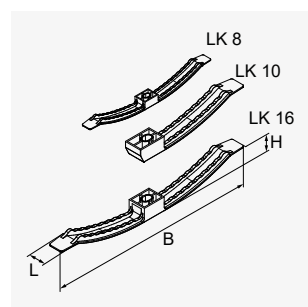
LK K

Cable clip, plastic

Article	H mm	B mm	L mm	cables	T _{max} °C	G kg
polyamide						
LK 8 K	14	152	19	8	750	0.012
LK 8 FWK	14	152	19	8	960	0.011
LK 10 K	15	126	19	10	750	0.011
LK 10 FWK	15	126	19	10	960	0.009
LK 16 K	15	226	19	16	750	0.017
LK 16 FWK	15	226	19	16	960	0.016

optional accessories

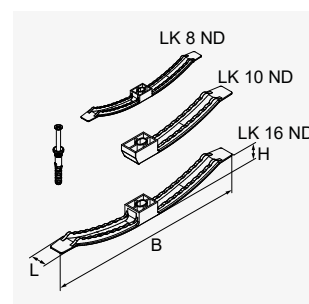
SN	Screw-in nail anchor	524
KSD	Plastic plug-in anchor	524



LK ND K

Cable clip, plastic, with nail anchor

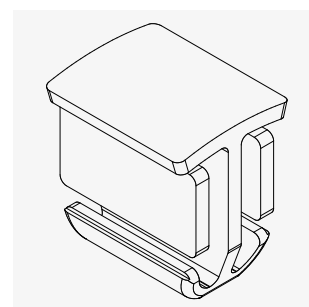
Article	H mm	B mm	L mm	cables	T _{max} °C	G kg
polyamide						
LK 8 ND K	14	152	19	8	750	0.019
LK 8 ND FWK	14	152	19	8	960	0.022
LK 10 ND K	15	126	19	10	750	0.017
LK 10 ND FWK	15	126	19	10	960	0.018
LK 16 ND K	15	226	19	16	750	0.026
LK 16 ND FWK	15	226	19	16	960	0.027



KOT K

Joiner, plastic

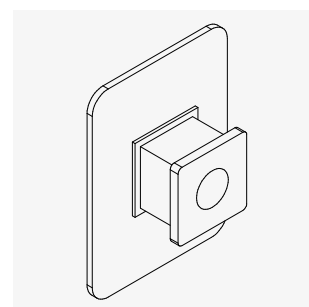
Article	T _{max} °C	G kg
polyamide		
KOT FWK	960	0.004
KOT K	750	0.004



BFS K

Quick-mounting clip, plastic

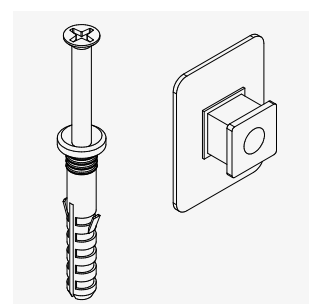
Article	T _{max} °C	G kg
polyamide		
BFS FWK	960	0.004
BFS K	750	0.004



BFS ND K

Quick-mounting clip, plastic, with nail anchor

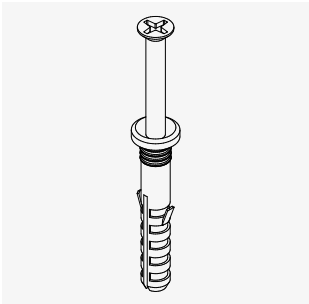
Article	T _{max} °C	G kg
polyamide		
BFS ND FWK	960	0.009
BFS ND K	750	0.009



SN

Screw-in nail anchor

Article	G
	kg
steel, galvanic zinc plated	
SN 6X50	0.005



KSD

Plastic plug-in anchor

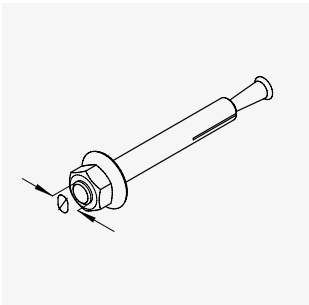
Article	G
	kg
polyamide	
KSD 6X40	0.001

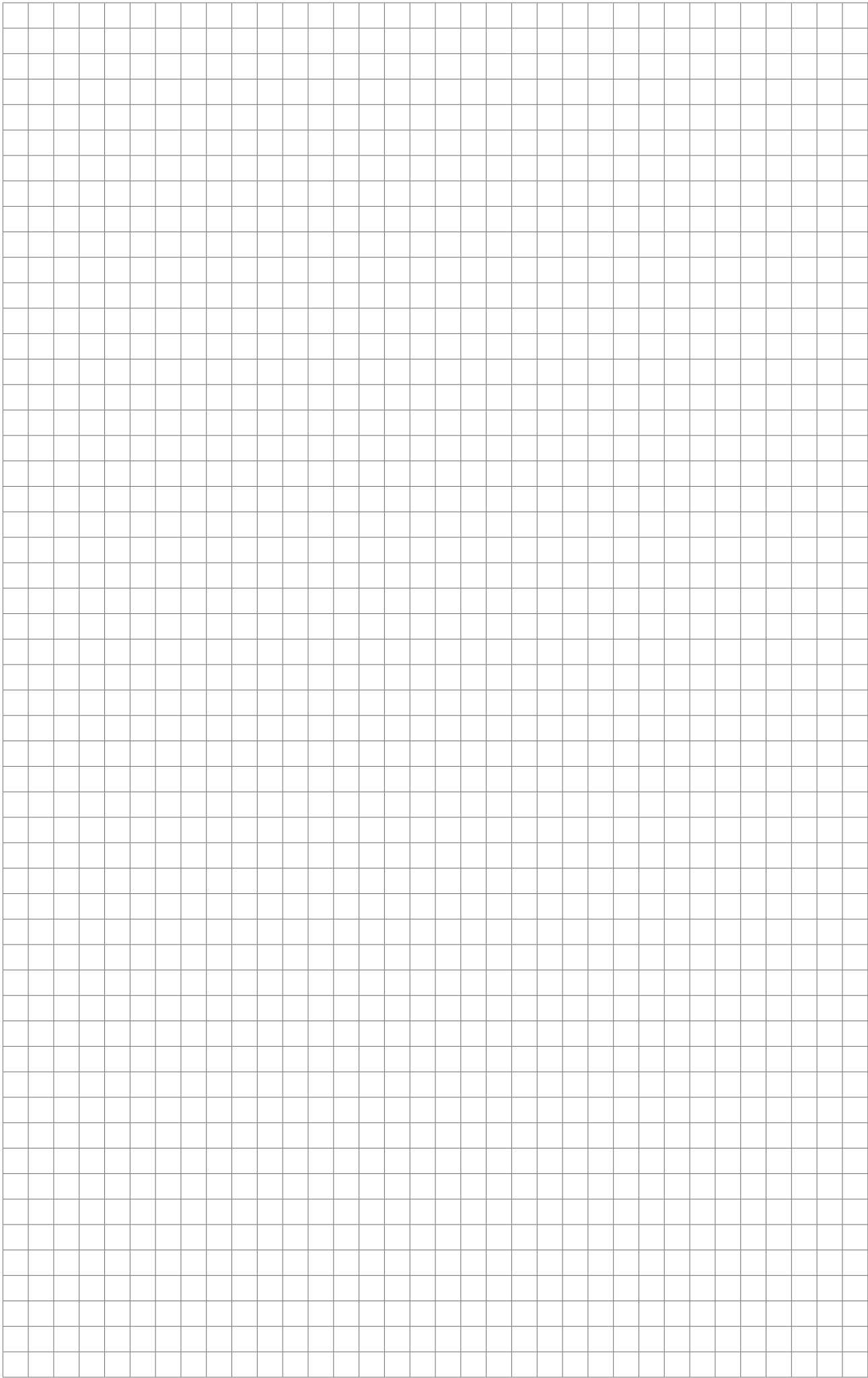


SD-BS

Expansion anchor, fire protection

Article	G
	kg
steel, galvanic zinc plated	
SD-BS 6/5	0.014





Planning

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End Field Carrier with Single Central Load	536



Standards and certificates

Standards

Test standard DIN EN 61537 provides the technical basis for cable support systems. This standard determines which test procedure is to be followed when testing the mechanical properties of the cable support elements. PohlCon constantly carries out extensive tests to ensure that the cable support systems it produces remain functional and fit for use at all times.

Retention of function in the event of a fire

The maintenance of function of the normed supporting constructions and the system-specific-specified support systems in the event of fire are tested in accordance with DIN 4102-12. DIN 4102-12 specifies the requirements and testing for the maintenance of function of electrical cable systems in the event of fire.



Our assembly instructions and technical information contain important safety details that must be heeded during assembly and use. Adhering to these ensures optimum safety of the cable support system used.

Certificates

As a manufacturer of cable support systems and associated components, PohlCon attaches great importance to product quality. Throughout the entire value chain, high standards of quality apply across all departments with a view to developing the best possible system for a range of complex application areas. In order for this quality standard to be achieved and monitored long term, our cable support systems are externally monitored and subject to in-house inspections.

On our own test benches, we test our cable support systems according to the strict specifications of DIN EN 61537, especially with regard to load-bearing capacity and functionality. This is supplemented by our quality management system, which has been established in the company since 1995.

Corrosion protection

Basic information

Corrosion is the reaction of a metallic material with its environment. This leads to a change in the material and impairs the ability of a metallic component – or an entire system – to function. Corrosive media can take the form of room air, contamination in the air, water, a marine atmosphere or other chemicals. Interactions between these corrosive media cause a corrosive layer to form, leading to metal attack.

If corrosion damage does occur, very high costs can sometimes be incurred. To avoid corrosion damage, we recommend selecting a suitable material and an appropriate surface coating. The environmental conditions of the products should therefore always be taken into account during planning in addition to their intended use to ensure that the relevant corrosion protection classes are adhered to.

Table 1: Atmospheric corrosivity categories and examples of typical environments

Corrosivity category	Mass loss/thickness loss per unit surface area (after first year of exposure)				Examples of typical environments (for information purposes only)	
	Unalloyed steel		Zinc		Exterior	Interior
	Mass loss g/m ²	Thickn. loss µm	Mass loss g/m ²	Thickn. loss µm		
C1 Negligible	≤ 10	≤ 1.3	≤ 0.7	≤ 0.1	-	Heated buildings with neutral atmospheres. e.g. offices. shops. schools. hotels
C2 Low	> 10 to 200	> 1.3 to 25	> 0.7 to 5	> 0.1 to 0.7	Atmospheres with low level of pollution. Mostly rural areas	Unheated buildings where condensation may occur. e.g. warehouses. sports halls
C3 Medium	> 200 to 400	> 25 to 50	> 5 to 15	> 0.7 to 2.1	Urban and industrial atmospheres with moderate sulphur dioxide pollution; coastal atmospheres with low salinity	Production areas with high humidity and some air pollution. e.g. food processing plants. laundries. breweries. dairies
C4 High	> 400 to 650	> 50 to 80	> 15 to 30	> 2.1 to 4.2	Industrial atmospheres and coastal atmospheres with moderate salinity	Chemical plants. swimming pools. coastal shipyards and boat harbours
C5 Very high	> 650 to 1.500	> 80 to 200	> 30 to 60	> 4.2 to 8.4	Industrial areas with high humidity and aggressive atmospheres. and coastal atmospheres with high salinity	Buildings or areas with almost permanent condensation and with high pollution
CX Extreme	> 1,500 to 5.500	> 200 to 700	> 60 to 180	> 8.4 to 25	Offshore areas with high salinity and industrial areas with extreme humidity and aggressive atmosphere. and subtropical and tropical atmospheres	Industrial areas with extreme humidity and aggressive atmosphere

Source: DIN EN ISO 12944-2:2018-04
Note: The loss values for the corrosivity categories are identical to the values in ISO 9223.
Conversion: 10 N corresponds to approx. 1 kg.

Surface coatings and materials

Several measures can be taken to protect components against the corrosive conditions prevailing at the place of use. When deciding on a particular cable support system, care must therefore be taken to select suitable materials and a design that ensures proper corrosion protection while also paying careful attention to the protective layers and metallic coatings.

For installations in normal environments, zinc coatings have proven themselves to be an effective corrosion inhibitor for steel. However, the protective zinc layer gets worn away by various climatic influences over time. Calculating the thickness of the zinc layer required for different environmental conditions is a question of multiplying the erosion rate by the planned service life of the system.

DIN EN ISO 12944-2:2018-04 (Table 1) provides an overview of how the corrosion categories are assigned while taking account of the environment and the associated annual thickness loss of the zinc layer.

PohlCon offers several coating systems that differ from one another in terms of layer thickness, adhesion and appearance. In addition, most of our cable support systems can be supplied as stainless steel versions.

Alternatively, the PUK brand XC Duplex Coating System can be used for highly corrosive environments (corrosion category C5). The XC coating has been successfully tested in accordance with the DIN EN ISO 12944-6 standard and offers great flexibility with regard to use. With its specially developed formula, it provides a smooth, bubble-free and even coating surface.

Zinc electroplating (DIN EN ISO 4042, DIN EN ISO 2081)

The components to be coated are placed in an electrolytic bath, where zinc ions are deposited very evenly on the material being galvanised. This results in the formation of a bright and shiny zinc layer with a thickness of approximately 5 µm. To protect this layer against abrasion, it subsequently undergoes bichromate coating process. Within our product range, the relevant bolting fasteners/bolts and nuts are identified by the code **GV**. These are used to connect components galvanised using the sendzimir process.

Hot galvanisation according to the Sendzimir process (DIN EN 10346, DIN EN 10244-2)

In the rolling mill itself, a wide strip (sheet thickness ≤ 2.0 mm) is coated with zinc continuously as it passes through. This results in an even and strongly adhering zinc layer with an average thickness of 19 µm. Damage to the zinc layer by cutting, piercing/perforation, drilling, etc. does not lead to any progression of the corrosion because the adjacent zinc forms into solution due to the effect of (air) humidity, causing a brownish layer of protective zinc hydroxide to form on the bare cut surfaces. The “migration” of zinc ions protects exposed surfaces up to a width of approximately 2.0 mm.

Steel wire and wire products are galvanised in accordance with DIN EN 10244-2.

Products with this type of coating are identified by the code **S**.

Batch galvanisation (DIN EN ISO 1461)

Once they have been worked, the parts that are to be coated are immersed in molten zinc (approx. 450°C). Chemical reactions create various zinc-iron alloys that have a particularly strong bond with the steel core. These alloys are usually coated with a “pure zinc” layer. However, depending on the reaction rate, composition of the steel, immersion time, cooling process, etc., the zinc-iron alloys can run right through to the surface level due to a sort of “marbling” effect. For this reason, the surface appearance can vary from bright and shiny through to matt dark grey, although nothing can be inferred about the thickness of the zinc layer or the quality of corrosion protection from this. In addition, humid environments lead to the formation of zinc hydroxide carbonate (known as white rust), particularly on new zinc surfaces. This has absolutely no impact on the corrosion protection properties. Cut surfaces have to be protected with cold zinc paint.

According to DIN EN ISO 1461, the average layer thickness is

at least the following for steel and non-centrifuged parts:

- 45 µm for material thicknesses <1.5 mm
- 55 µm for material thicknesses ≥ 1.5 mm and ≤ 3 mm
- 70 µm for material thicknesses > 3 mm and ≤ 6 mm

at least the following for centrifuged parts (incl. castings):

- 45 µm for material thicknesses <3 mm
- 55 µm for material thicknesses ≥ 3 mm

DIN EN ISO 1461 essentially corresponds to BS EN ISO 1461 in the UK, to EN ISO 1461 in France and to NEN EN 1461 in the USA. All cable tray types and all medium to heavy-duty support systems are available in a hot-dip galvanised version. Products with this type of coating are identified by the code **F**.

Stainless steel

In view of its high corrosion resistance, ease of surface cleaning, recyclability and reaction to fire, stainless steel is increasingly becoming the material of choice. Its use is predominantly on the rise in the chemicals, paper, textile and food industries, as well as in wastewater treatment plants, refineries, vehicle tunnels and offshore plants. Compared to various types of plastic, the advantages of stainless steel are its high strength, temperature and fire resistance, and the fact that it does not produce any emissions in the event of fire or during machining.

PohlCon offers two stainless steel versions of its cable support systems as standard.

The most commonly used type is material no. 1.4301 (V2A), which has the short designation X5CrNi 18-10 according to EN 10088-2. It is approved by the Deutsches Institut für Bautechnik (DIBt) in Berlin under general technical approval Z-30.3-6. The following standards are related:

- EN 10088-2 1.4301 X5CrNi 18-10
- AISI 304
- UNS S 30400
- BS 304 S31
- AFNOR Z7CN 18-09
- DIN 17441

PohlCon offers a complete range of stainless steel products: bracket supports, brackets, cable trays, cable ladders, vertical ladders, profile rails and cable clamps. The bolting fasteners/bolts and nuts correspond to steel group A2 (according to DIN ISO 3506). The products made from this material are identified by the code **E**.

On request, products from the stainless steel range are also available in versions made from the material with no. 1.4571/1.4404 (V4A), which has the short designation X6CrNiMoTi17-12-2 according to EN 10088-2. This is likewise approved by the Deutsche Institut für Bautechnik (DIBt) in Berlin. The bolting fasteners/bolts and nuts meet the requirements of steel group A4 (according to DIN ISO 3506). This material is referred to in the following standards:

- EN 10088-3 1.4404 X2CrNiMo 17-12-2
- AISI 316 L
- UN S 31603
- BS 316 S 11
- AFNOR Z3CND17-11-02/Z3CND 17-12-02
- DIN 17440 1.4404

1.4571 is available as an alternative to this material. This type of steel is identified by the code **E4**.

Other materials with the same corrosion class can be supplied on request. To cater for special applications (lighting and cable support systems in road tunnels according to ZTV-ING), the high-alloy stainless steel with material no. 1.4529 is available for the relevant product versions.

XC coating for highly corrosive environments

The XC Duplex Coating System enables reliable protection in highly corrosive environments. With its XC system – which has been successfully tested for corrosion category C5-M – PohlCon offers the longest lasting corrosion protection (up to 25 years) for cable support systems available on the market.

XC consists of a zinc layer and a single-layer powder coating, which together adhere extremely well to the component. With powder coating thicknesses starting from 150 µm and zinc layer thicknesses from 55 µm, XC can be used to achieve an exceptionally smooth and even surface that is free of bubbles. In the event that it should become damaged, the XC coating can be touched up in the case of (more extensive) damage.

We recommend the use of XC coatings in offshore areas with high salinity, in industrial zones with extreme air humidity and in aggressive, subtropical and tropical atmospheres.



Calculations for selecting the right system

Cable selection

To be selected on the basis of:

- The quantity or volume of cables that a cable tray is intended to hold (**capacity or size of cable tray**)
- The weight of the cables that a cable tray is intended to hold (**type of cable tray**)
- The distance between the cable tray support points (load-bearing capacity of cable tray)

Capacity/useful cross section

If the cable volume (types, sizes and number of cables) is unknown, you can estimate it using Table 2 "Space requirements and weight of NYY-type cables".

For each size of cable, the amount of space required must be multiplied by the number of cables of that size. These values must then be added together to give the grand total. This results in the minimum cross-sectional area (A) of the cable tray you are looking for. Where necessary, we recommend working with a reserve factor. Regardless of this, the stipulations of VDE 0100 on the occupancy of cable trays must always be observed.

The usable cross-sectional area (A) of each cable tray is specified in the product tables. Depending on the application, several cable trays may be laid parallel to one another.

Cable weight

The exact details provided by the cable manufacturer can usually be used for this purpose. Relevant lists or tables can generally be requested directly from the manufacturer so that the cable weights can be calculated as accurately as possible.

If the total weight of the cables is unknown, you can estimate it using Table 2 "Space requirements and weight of NYY-type cables".

For each cable size, the cable weight must be multiplied by the number of cables. These values must then be added together to give the grand total. This results in the estimated cable load (Q).

Load-bearing capacity/Support distance

All stated load-bearing capacities relate to the product concerned.

The load-bearing capacity of the installed system depends on how the system is filled/loaded and, in particular, how the load is applied to the supporting structure.

However, from a safety perspective, the maximum possible cable load is crucial. DIN VDE 0639-1 is a good source of reference if you require further design and calculation criteria. The result of the distributed load for the respective cable type (control cable Q_{SK} or power cable Q_{LK}) is specified for each cable tray in the tables.

Support distance

The recommended standard support spacing is 1.5 m. However, a greater spacing may actually be possible depending on the specified fastening options (pillars, purlins, etc.). The load diagrams must be used to determine the maximum load (Q_{max}) that the cable tray can support with the given support spacing.

Table 2: Space requirements and weight of NYY-type cables

NY Y cable	Diameter mm	Space required per cable cm ² (approx.)	Cable weight N/m (approx.)	Number of cables
4 x 1.5	12.5	1.5	2.3	n
4 x 2.5	14.0	1.8	3.0	n
4 x 6	16.5	3.0	5.2	n
4 x 16	22.0	5.0	11.0	n
4 x 35	31.0	12.0	22.0	n
4 x 70	41.0	16.0	41.0	n

Conversion: 10 N corresponds to approx. 1 kg.

Alternative cable tray types

A higher load with the same support distance

As an alternative, other cable support systems can be used for a defined support spacing. This technique enables the use of alternative systems that are capable of transmitting higher loads because of their rigidity.

The load-bearing capacities must be observed for the cable support systems selected, along with the permissible support spacings!

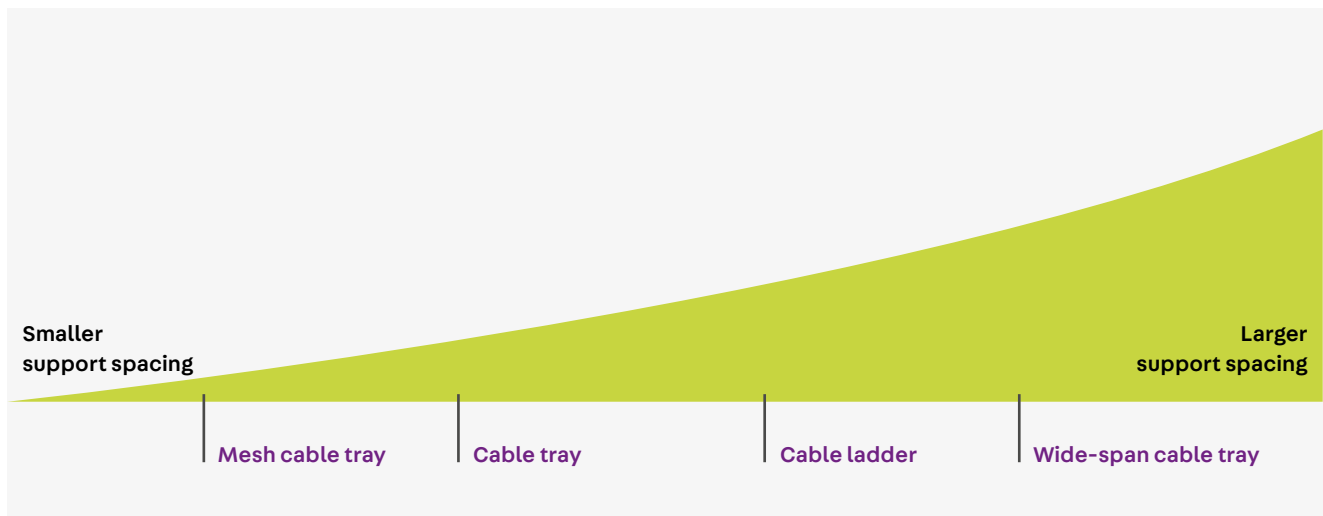


Figure 3: Alternative cable support systems according to permissible support spacings

Selecting the right support system

When routing cable trays on ceilings, the support systems usually consist of a stem supports and ceiling supports. When attaching cable trays to walls, wall brackets, profile rails and stem supports are used. To enable the selection of systems with sufficient load-bearing capacity, the first step is to calculate the load of each cable tray at the support point.



The load diagrams already have a safety concept built in. This is because the load-bearing capacities – which have been determined in accordance with test standard DIN 61537 – have appropriate safety factors applied to them. If the load levels or support distances are not sufficient for proper dimensioning of the cable support systems, the next version up (i.e. one with higher load levels) must be selected or the support distances must be reduced.



For detailed information, use the online expert chat service at www.pohlcon.com (only available in German) or speak to a PohlCon consulting engineer.

Useful information

Application of loads to the building structure

All stated load-bearing capacities relate to the product concerned. The load-bearing capacity of the installed system depends on the dimensions and materials used in each case and, in particular, on how the load is applied to the building structure. Substantial additional loads can occur when installing cables. Care must be taken to prevent these additional loads from being permanently applied to the cable support system.

Substrate

The condition and properties of the substrate and the type of wall or ceiling have a major impact on the fastening of support systems. To enable a better assessment of concealed, plastered or painted substrates, it is helpful to carry out sample drilling.

This will enable you to attach the cable trays to any of the following using the appropriate support systems: timber, mortar, sandstone, limestone, concrete, solid brick, perforated brick, aerated concrete, wallboard, gypsum board, gypsum fibreboard and insulating board. Within this context, special attention must be paid to the dowels because they transmit the loads further into the substrate.

Permissible dowel load F_{zul}

The dowel load is a superposition of vectors that represent various force components acting on the fastening point (e.g. shear force and vertical pull-out force). This must be less than or equal to the permissible dowel load specified in the approval. This generally applies to all diagonal pull directions. The permissible dowel load depends on the anchorage (concrete grade, type of masonry brick, etc.) and stress exerted on it:

- Cracked concrete tensile zone
- Verified concrete compression zone (e.g. concrete wall, concrete supports, upper half of concrete girder).

In cases of doubt, advice must be sought from the responsible structural engineer.

Reduction

The permissible dowel load F_{zul} must be reduced if:

- Several dowels are closer to each other than dimension a of the centre-to-centre distance.
- The distance between the dowel and an edge/corner of the building structure is less than edge distance dimension a_r .

Whenever you are planning cable support systems, it is important to remember that the filling capacity of cable trays may exceed their load-bearing capacity. You must allow sufficient reserves and, where applicable, plan using a multi-layered approach.

Testing according to DIN EN 61537

Cable support systems

Among other things, DIN EN 61537 determines which test procedure is to be followed when testing the mechanical properties of the cable support elements.

The following undergo testing:

Cable trays including connectors with an appropriate design

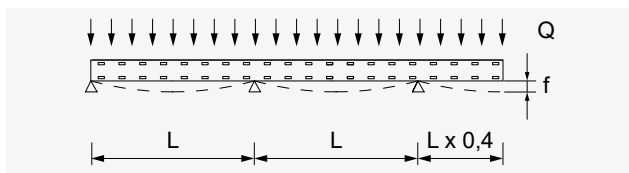


Figure 4: Load diagram for the testing of a cable tray
Q: Distributed load | L: Support distance

Brackets as an individual component, i.e. without the reinforcing effect provided by assembled cable trays. The stated load-bearing capacities are based on the loads measured with a level of deformation that is still permissible (f_{zul}) for the cable support elements in the respective standard version (e.g. Sendzimir/hot-dip galvanised).

Cable trays

The cable trays undergo testing on a specially developed test stand. This ensures even surface loading of the components that bend elastically under load.

$$f_{zul} \text{ (in longitudinal direction)} = 0.01 \times \text{support distance StA}$$

$$f_{zul} \text{ (in transverse direction)} = 0.05 \times \text{cable tray width B}$$

Arms/brackets

Under a vertical load, the tips of the arms are allowed to drop by:

$$f_{zul} = 0.05 \times \text{arm length (but } \leq 30 \text{ mm)}$$

Stems (bracket supports)

The stems undergo various tests. Careful attention is paid to the following points when testing the stems:

- Bending from to lateral application of force; the permissible deflection within this context is $f_{zul} = 0.05 \times \text{stem length}$
- Application of force in connection with arms
- Pull under centric load

Safety

A safety factor of 1.7 must be incorporated into the tested structures, as per the safety concept required under the test standard. The failure scenario possible as a result is not tantamount to the respective structure breaking. Rather, it involves the structure becoming so heavily deformed that no further increase in load can be registered. For this reason, the elastic-plastic deformability of metal cable support systems makes them preferable to brittle plastic systems that break easily.

Whenever you are planning cable support systems, it is important to consider that the filling capacity of cable trays may exceed their load-bearing capacity. Therefore, you must factor in sufficient reserves and, where applicable, plan using a multi-layered approach.

Equipotential bonding

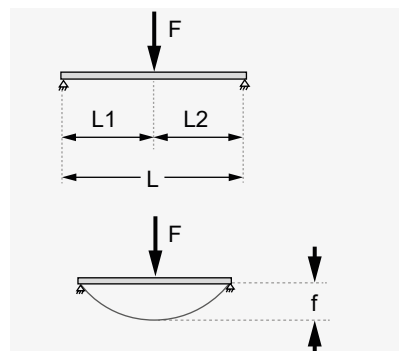
Equipotential bonding is implemented between electrically conductive components with different levels of electrical potential. The primary purpose of this is to provide protection against electric shock but, at the same time, it protects the electrical equipment in the event of excess voltage. Over time, the effect of equipotential bonding has become ever more important in relation to electromagnetic compatibility (EMC). When electricity flows through conductors, it generates magnetic fields. Due to the large number of wiring systems installed in buildings, these can then have a negative effect on electromagnetic compatibility. Low potential differences are extremely important for ensuring that an electrical installation is electromagnetically compatible.

In the case of PohlCon cable support systems that are assembled using bolted connections, the equipotential bonding has been verified in accordance with DIN EN 61537. In all other cases, the equipotential bonding must be ensured by further mechanical means.

Single-spam girder with centric single load

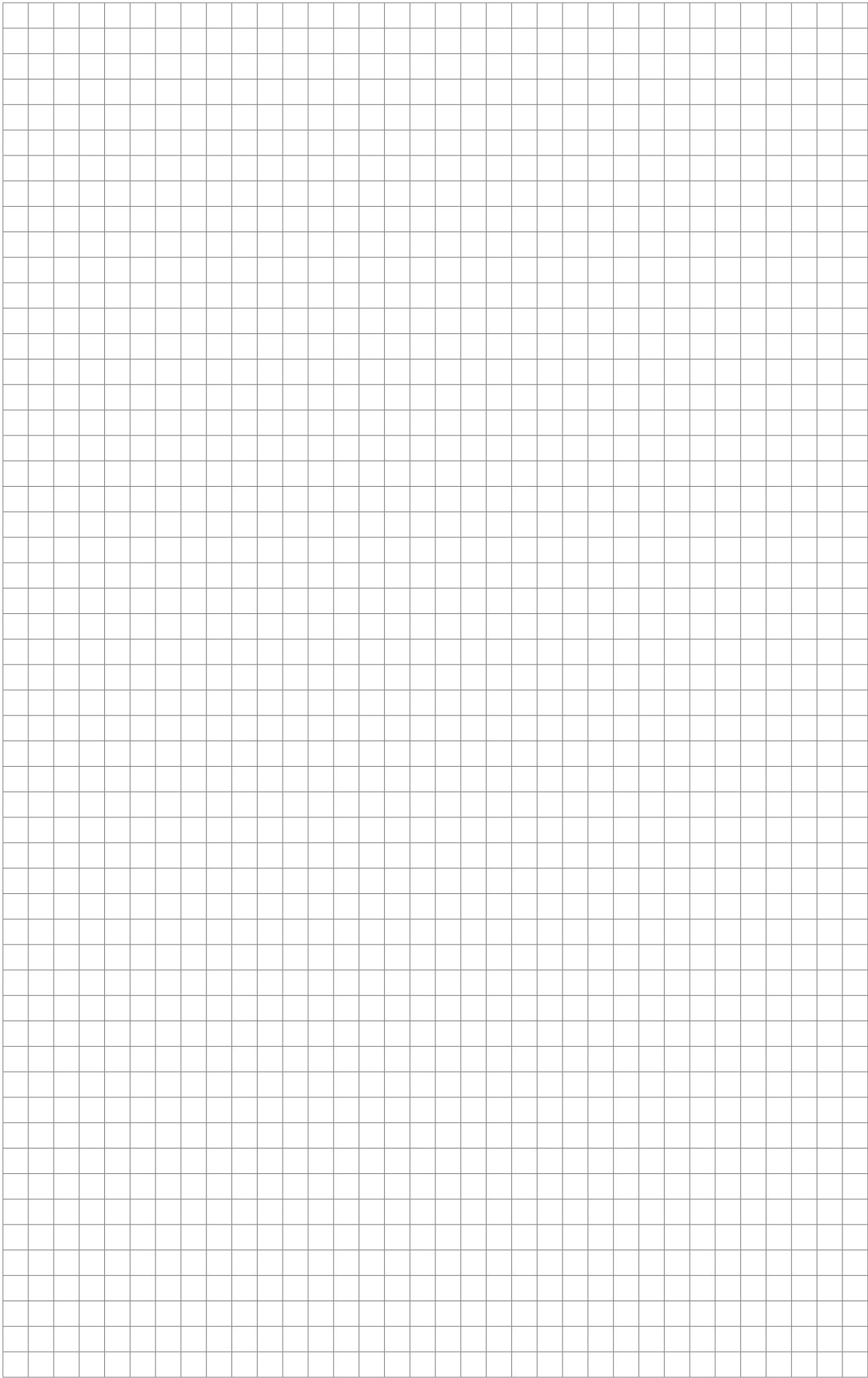
The values in the table are valid for hot-dip galvanised profiles with a centric force application F , allowing for the maximum permissible tension σ_{zul} , respectively the maximum permissible deflexion f ($L/100$). The values include a safety factor of 1.35 against failure load.

Maximum load F_{max} [N] and the corresponding deflexion f [mm]



C Profile	KHB 7		KHA 7		KHA 8		KHA 9		KHA 4		KHA 2	
	30 x 15 x 1.50		39.5 x 22 x 1.50		40 x 22 x 2.00		40 x 25 x 2.75		48 x 26 x 1.50		50 x 31 x 3.25	
Span L cm	F_{max} N	f mm	F_{max} N	f mm	F_{max} N	f mm	F_{max} N	f mm	F_{max} N	f mm	F_{max} N	f mm
25	757	0.4	2,023	0.3	2,528	0.3	3,362	0.2	4,577	0.2	5,816	0.2
50	376	1.5	1,007	1.3	1,259	1.3	1,673	1.0	2,280	1.0	2,896	0.9
75	248	3.4	667	3.1	834	2.9	1,107	2.3	1,511	2.3	1,918	2.1
100	183	6.0	496	5.4	619	5.1	822	4.1	1,123	4.1	1,426	3.7
125	143	9.2	392	8.4	489	7.9	648	6.3	889	6.3	1,127	5.7
150	116	12.9	322	11.9	402	11.2	531	9.0	730	9.1	926	8.1
175	96	17.1	271	16.0	338	15.0	446	12.0	616	12.1	780	10.9
200	75	20.0	227	20.0	290	19.1	381	15.3	528	15.5	668	13.9
225	60	22.5	179	22.5	239	22.5	329	18.9	459	19.2	580	17.2
275	40	27.5	120	27.5	160	27.5	251	26.3	356	27.2	447	24.3
300	34	30.0	101	30.0	134	30.0	220	30.0	302	30.0	396	27.9

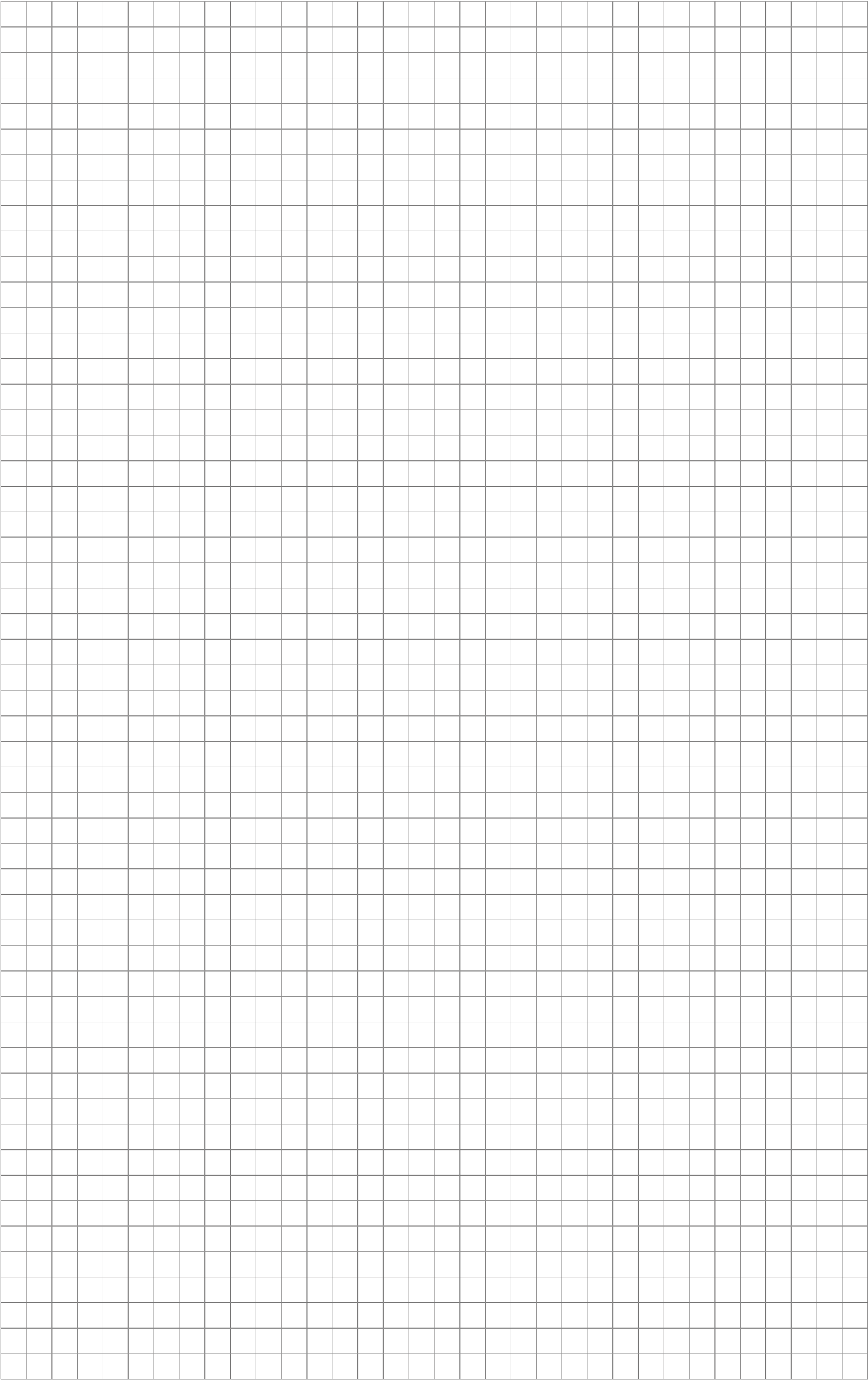
STRUT Profile	KHA 21		KHAL 41		KHA 41		KHA 42		KHA 82	
	41 x 21 x 2.50		41 x 41 x 1.50		41 x 41 x 2.50		41 x 42 x 2.50		41 x 82 x 2.50	
Span L cm	F_{max} N	f mm	F_{max} N	f mm	F_{max} N	f mm	F_{max} N	f mm	F_{max} N	f mm
25	2,272	0.3	5,060	0.2	7,083	0.2	7,077	0.2	21,863	0.1
50	1,127	1.3	2,524	0.7	3,532	0.7	3,525	0.7	10,912	0.4
75	741	3.1	1,676	1.7	2,344	1.6	2,326	1.7	7,253	0.9
100	545	5.4	1,250	3.0	1,748	2.9	1,723	3.0	5,417	1.5
125	425	8.2	993	4.6	1,387	4.5	1,357	4.5	4,311	2.4
150	343	11.4	821	6.5	1,145	6.4	1,108	8.4	3,569	3.4
175	282	15.0	696	8.8	970	8.6	927	8.4	3,035	4.6
200	236	18.7	602	11.3	837	11.1	788	10.6	2,632	5.9
225	198	22.4	528	14.2	732	13.8	678	13.0	2,315	7.4
275	133	27.5	418	20.5	577	19.9	510	17.9	1,847	10.8
300	112	30.0	376	24.0	517	23.1	444	20.2	1,669	12.6



Assembly

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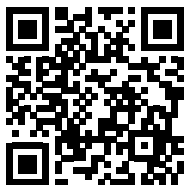
Overview of our assembly instructions



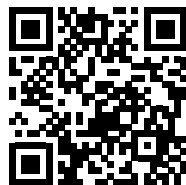
Cable trays



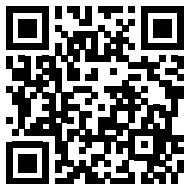
Vertical cable ladders



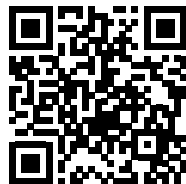
Mesh cable trays



Load-bearing construction systems



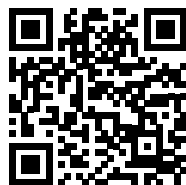
Cable ladders



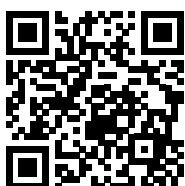
Electrical fastenings



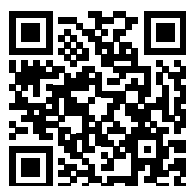
Wide-span cable ladders WPL



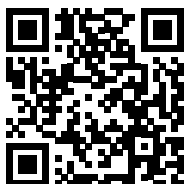
Slip-resistant floor ducts



Wide-span cable trays WPR

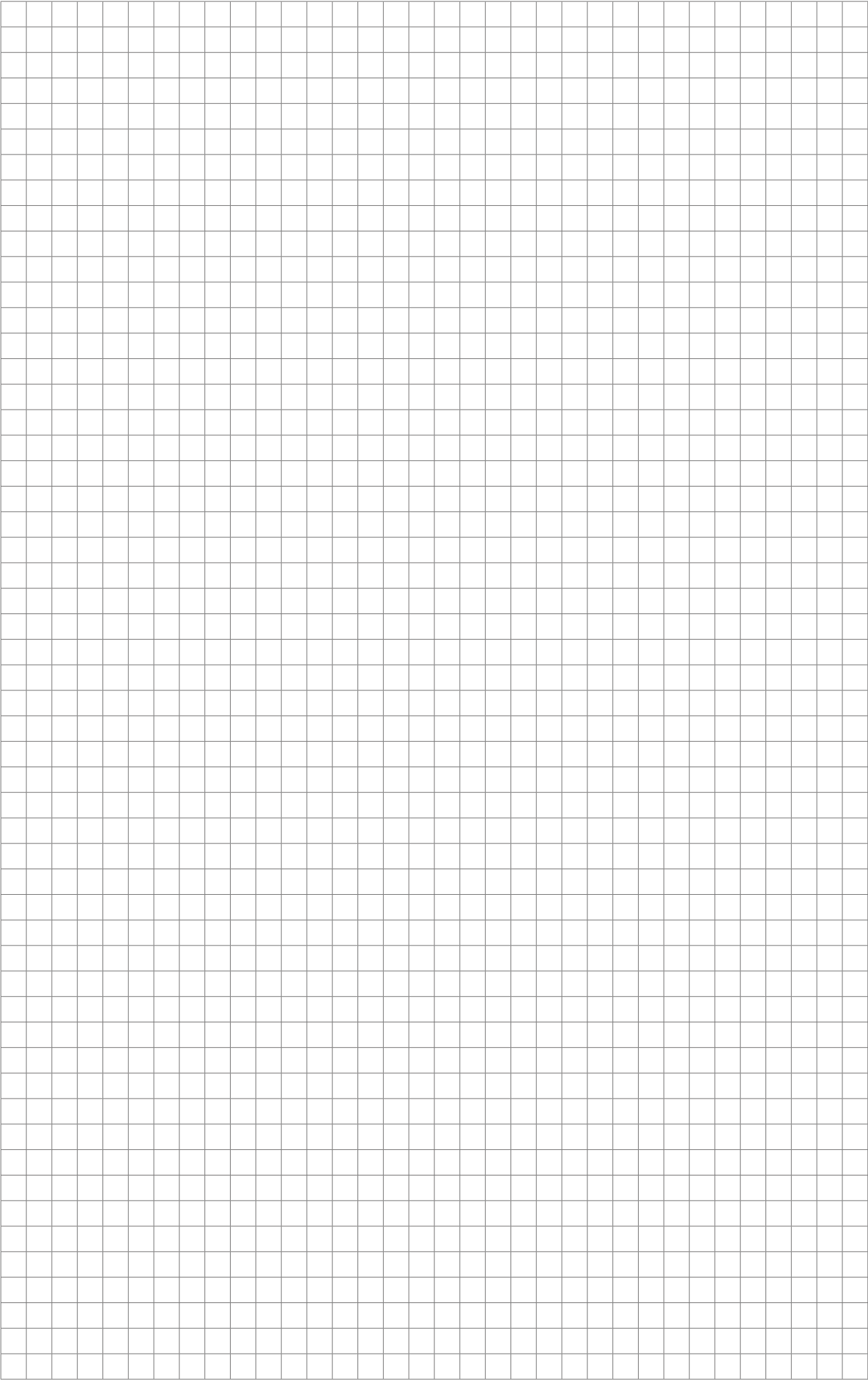


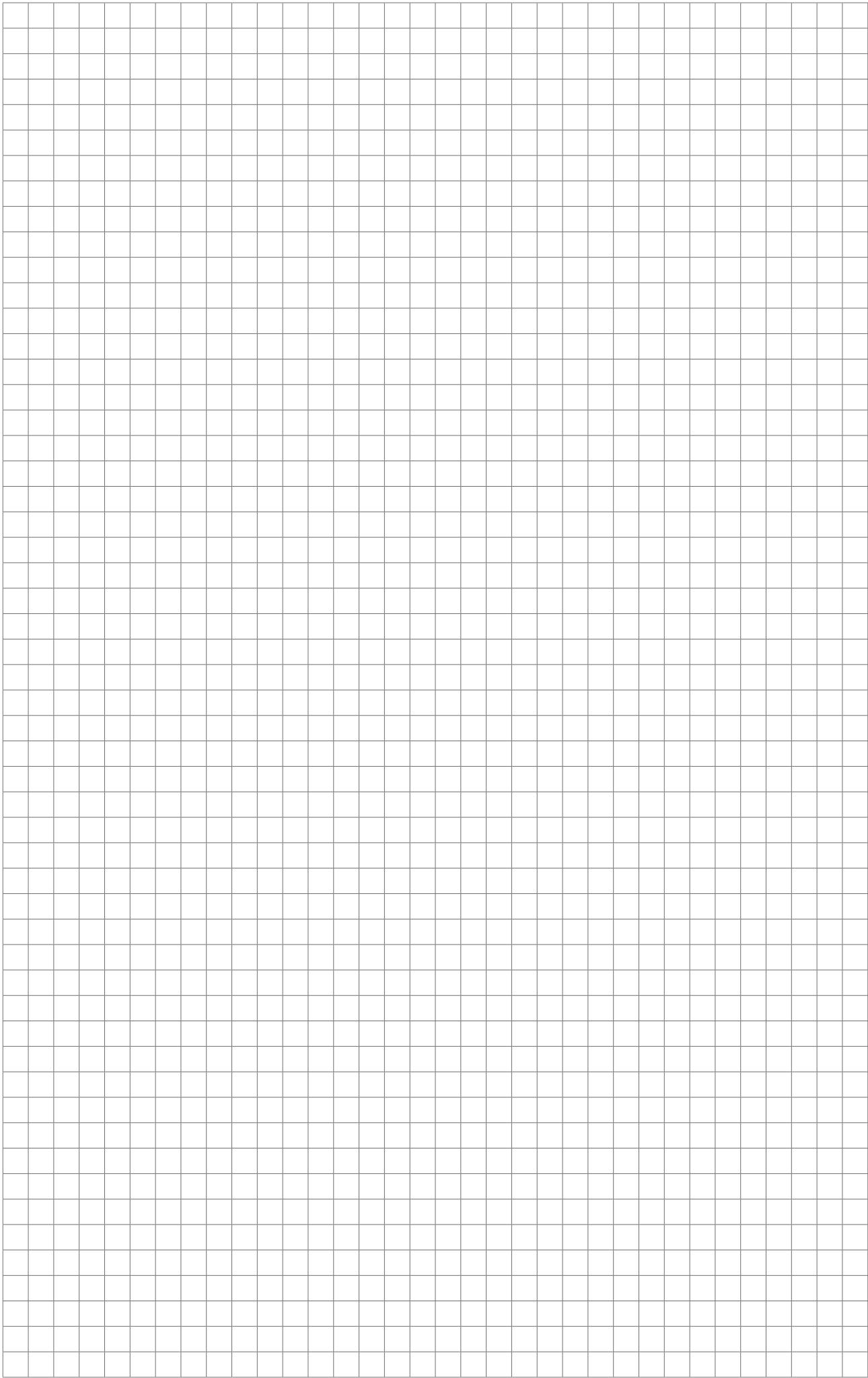
Counter trough GW
for Cable clamps H / AC



Corner attachment piece
for wide-span systems







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