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Wall Brackets

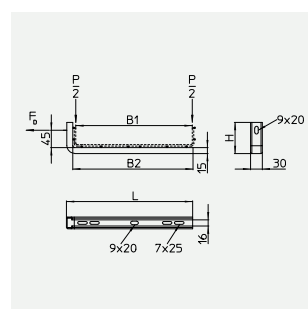
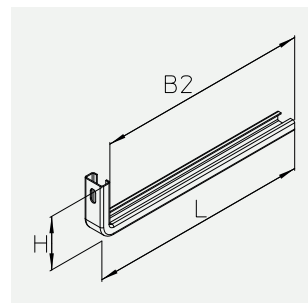
KWLL

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



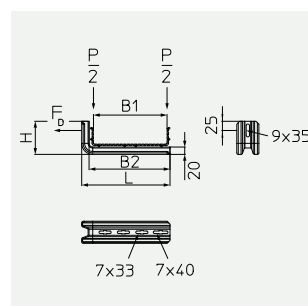
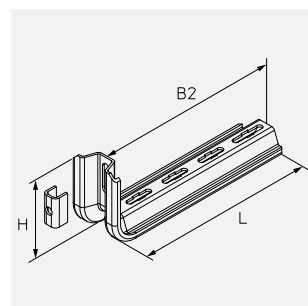
KSLW

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



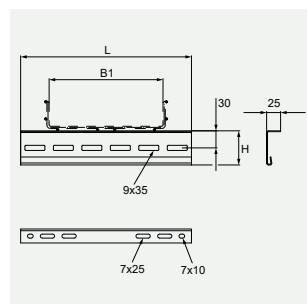
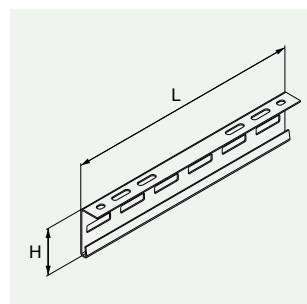
KWW

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



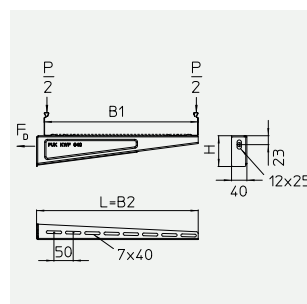
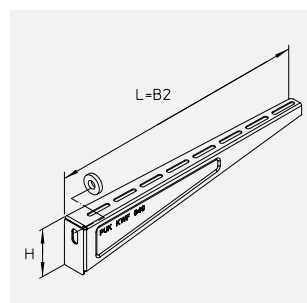
KWF

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

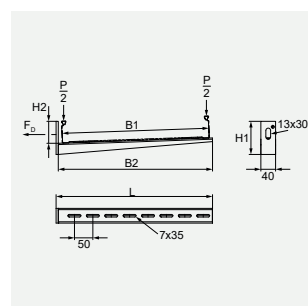
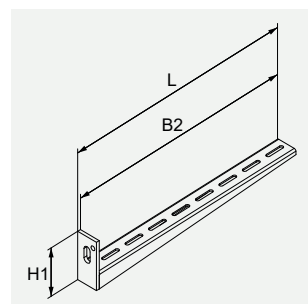
KDU 57	Bracket support, 57x30 mm	415
KHU 57	Bracket support, 57x30 mm	421
KDU 40	Bracket support, 40x30 mm	413
KHU 40	Bracket support, 40x30 mm	419
KLU	Clamp fastening set	119,481
KLR	Clamp fastening set	477



KWFL

Wall / strut bracket, shallow

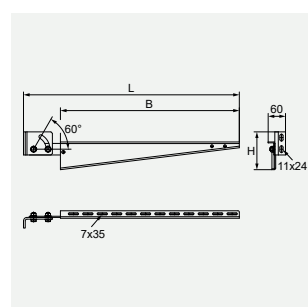
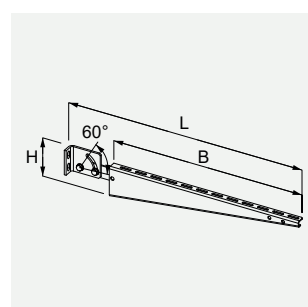
Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	F _D /P	G kg
Steel, hot-dip galvanised							
KWFL 010F	70	100	120	125	2.05	1.93	0.259
KWFL 020F	70	200	220	225	1.64	2.92	0.395
KWFL 030F	90	300	320	325	1.55	2.85	0.592
KWFL 040F	90	400	420	425	1.47	3.55	0.768
KWFL 050F	110	500	520	527	1.29	3.37	1.057
KWFL 060F	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



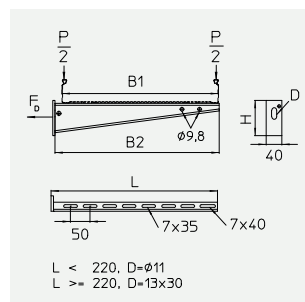
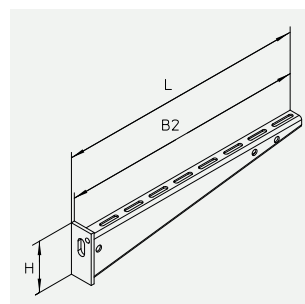
KW

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



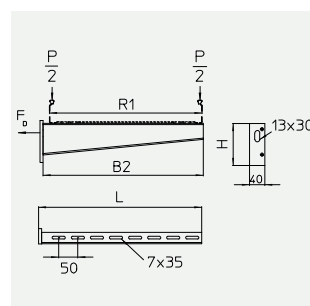
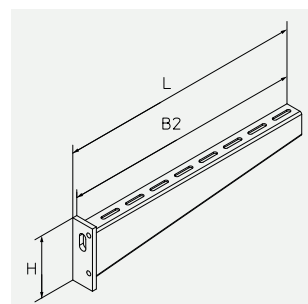
KWMS

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



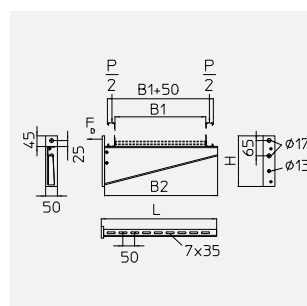
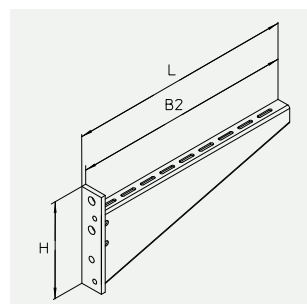
KWS

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



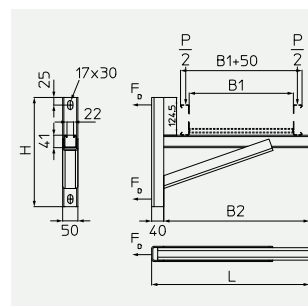
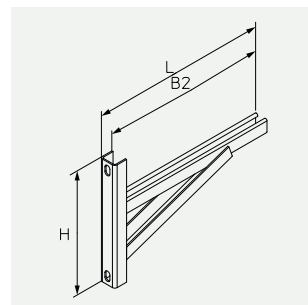
KWSS

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



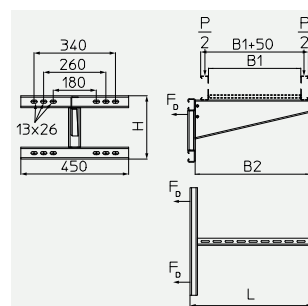
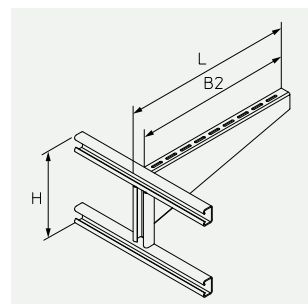
KIS

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



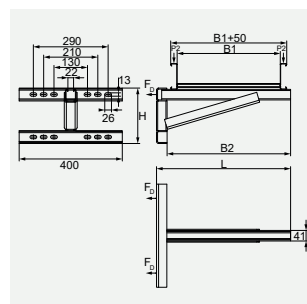
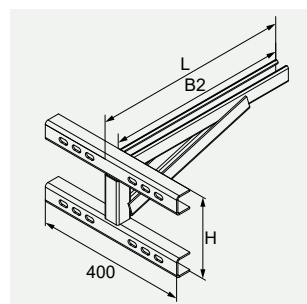
KISS

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



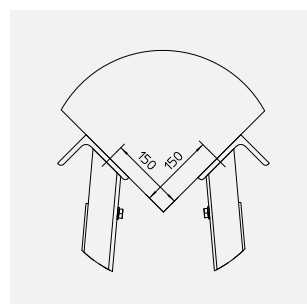
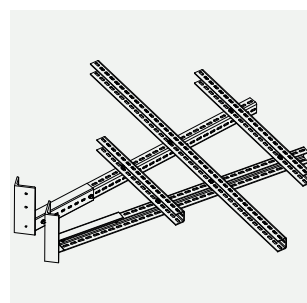
EBW

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



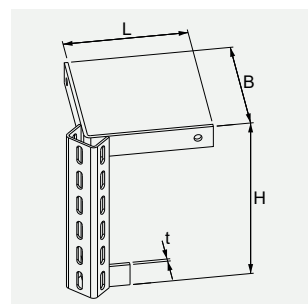
KBEW

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



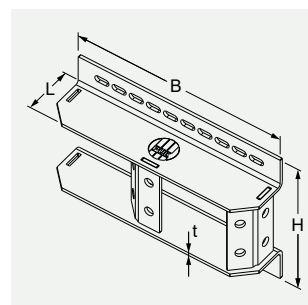
KBSW

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

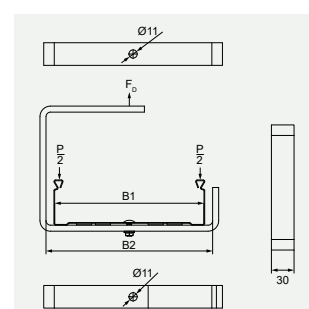
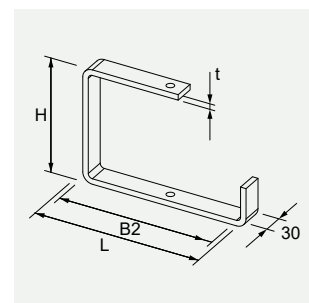
DB-FL

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



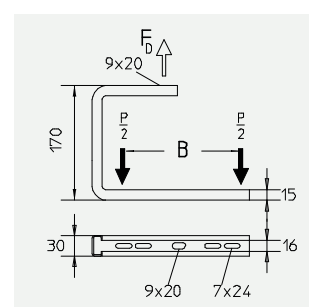
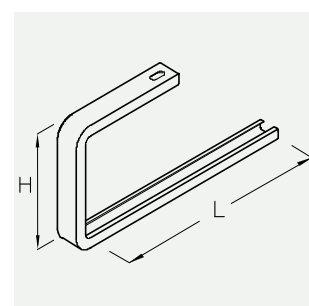
DB

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



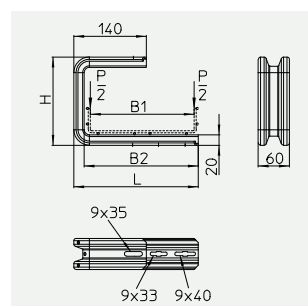
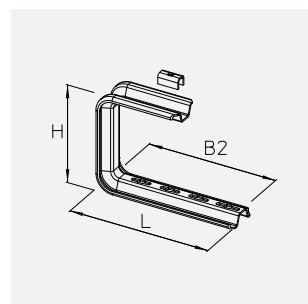
DKSL

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

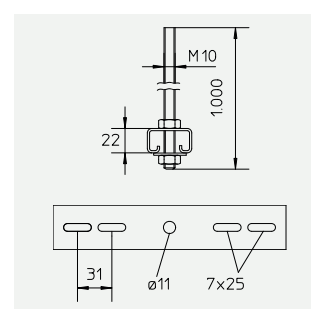
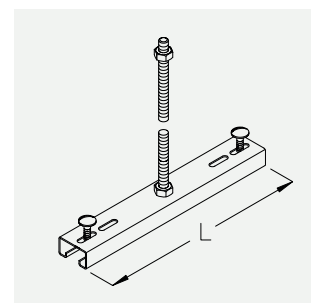
GBAR

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



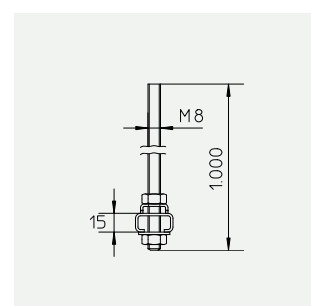
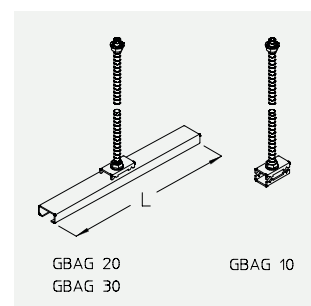
GBAG

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



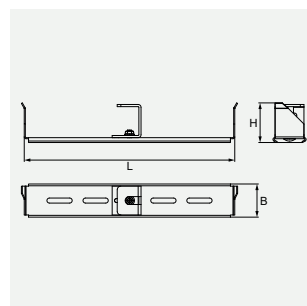
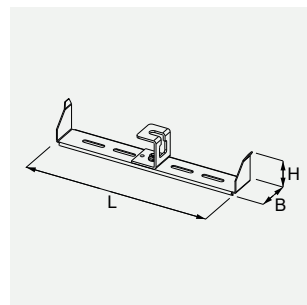
MA 60

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



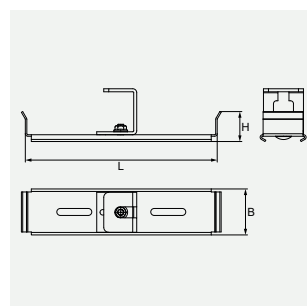
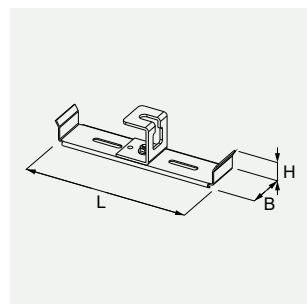
MA 35

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

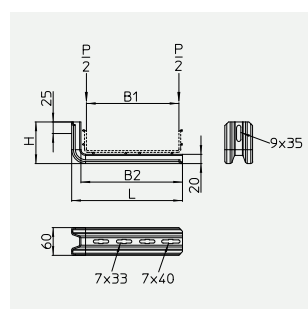
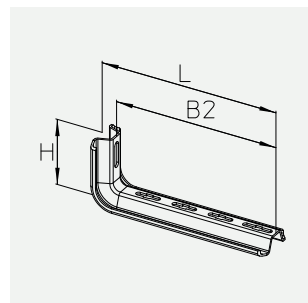
KSL

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



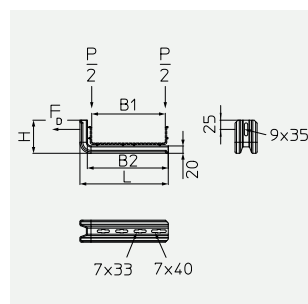
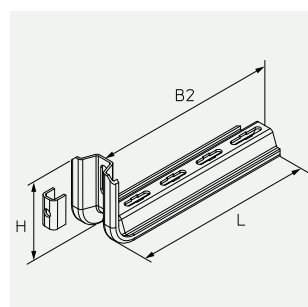
KSLW

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



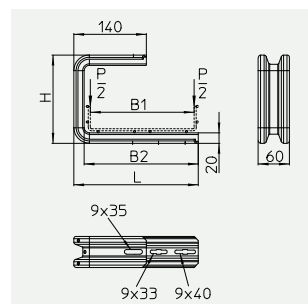
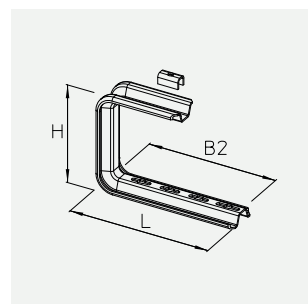
DKSL

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



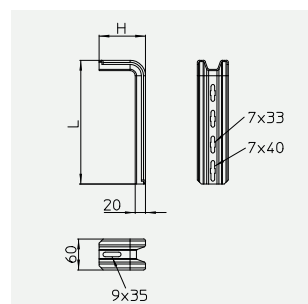
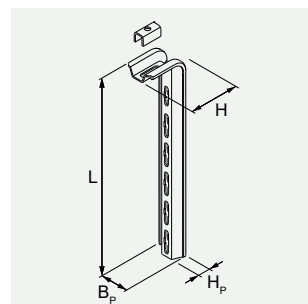
KDSL

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



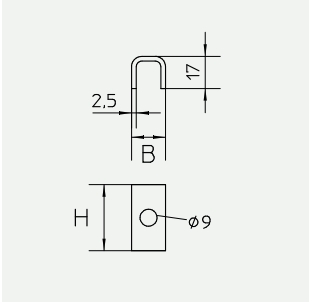
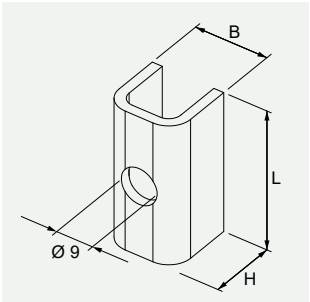
KSL-SP

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

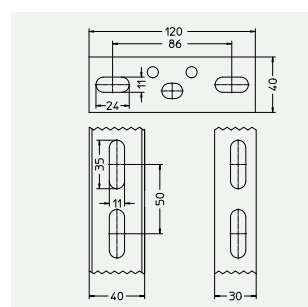
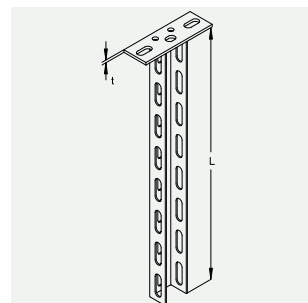
KDU 40

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



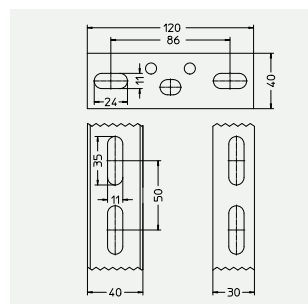
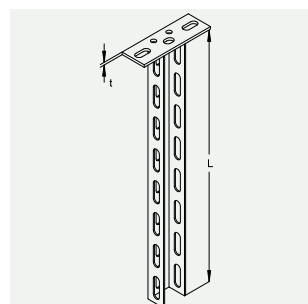
KDU 40

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



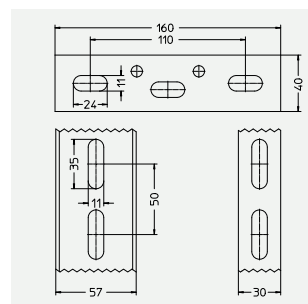
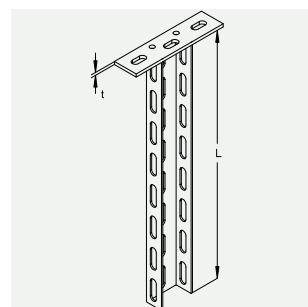
KDU 57

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



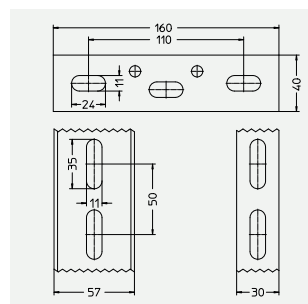
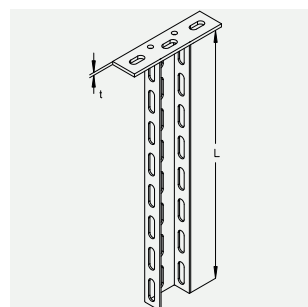
KDU 57

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

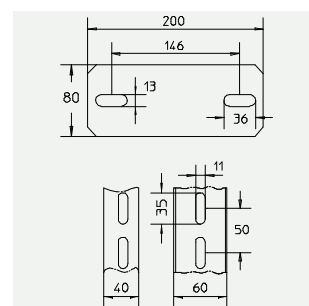
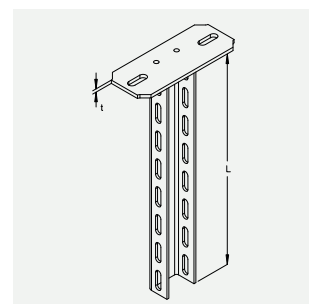
KWF	Wall/strut bracket, light-duty	397
KW	Wall/strut bracket, standard	399
KWMS	Wall/strut bracket, medium-duty	400
KHU 57	Bracket support, 57x30 mm	421
KHUV 57	Connector, KHU 57	428
KHUSS 57	Support piece, KHU 57	430
SU 57	Protection cap, KHU 57	432
SD	Expansion anchor	487
SAZ	Drop-in anchor	487



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

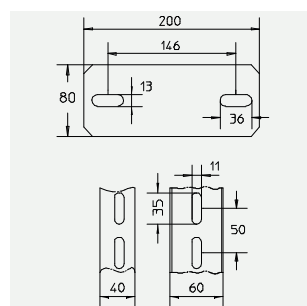
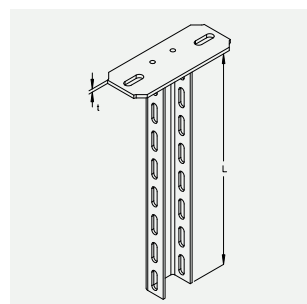
KDU 60

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



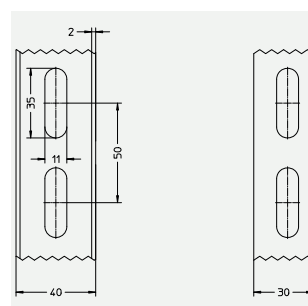
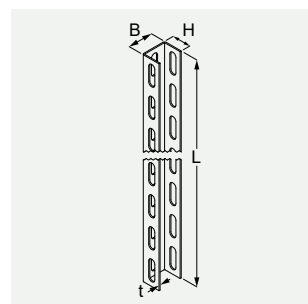
KHU 40

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



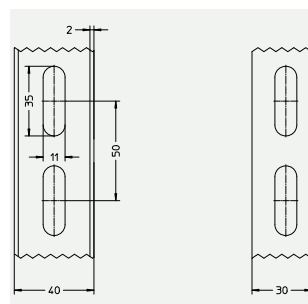
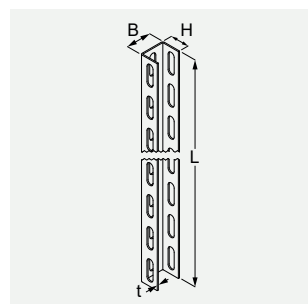
KHU 40

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



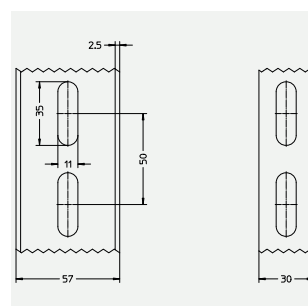
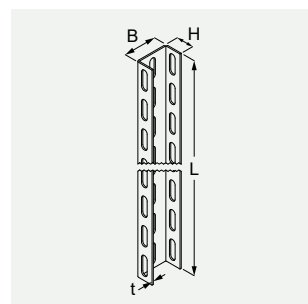
KHU 57

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



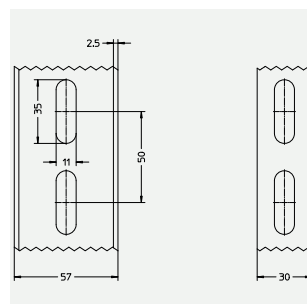
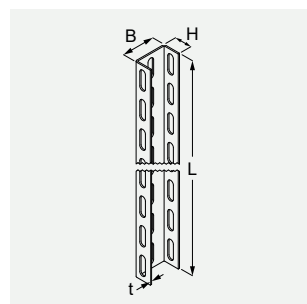
KHU 57

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



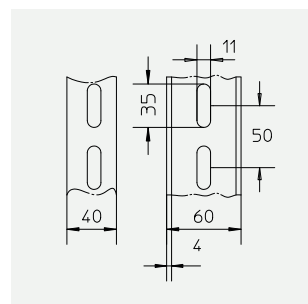
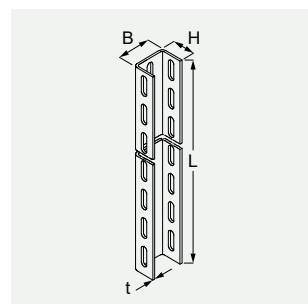
KHU 60

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

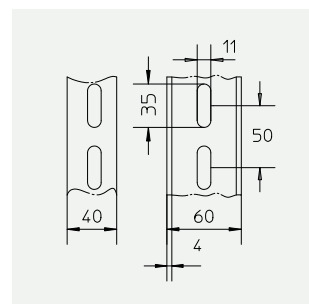
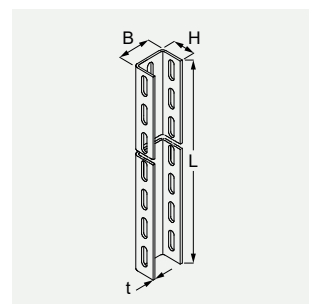
KDU 60	Bracket support, heavy duty, 60x40 mm	417
BGU 60	Bolted head plate, KHU 60	256,426
KW	Wall/strut bracket, standard	399
KWS	Wall/strut bracket, heavy-duty	401
KHUV 60	Connector, KHU 60	261,429
KHUSS 60	Support piece, KHU 60	430
SU 60	Protection cap, KHU 60	256,433
WPHS-K	Wide-span rail support (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

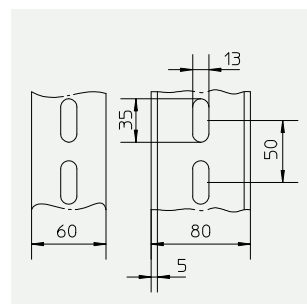
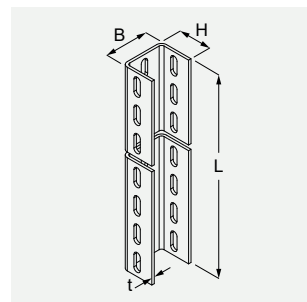
KHU 80

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



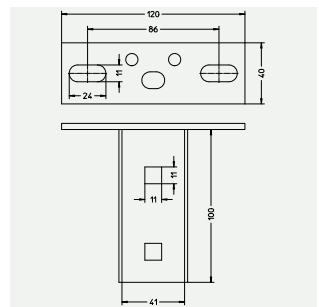
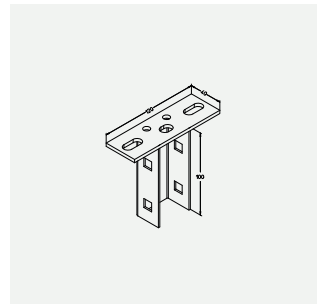
BGU 40

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



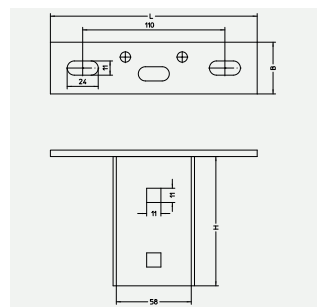
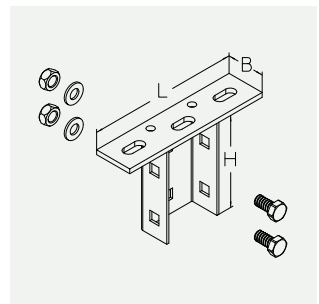
BGU 57

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



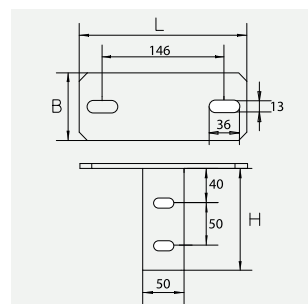
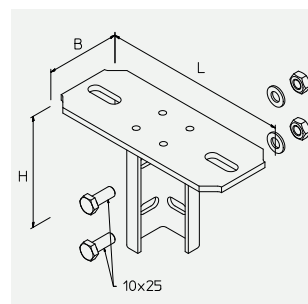
BGU 60

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



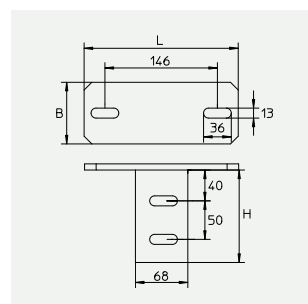
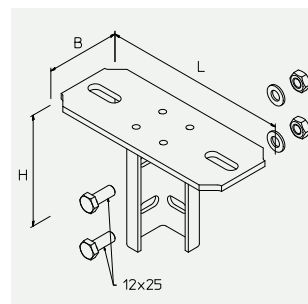
BGU 80

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



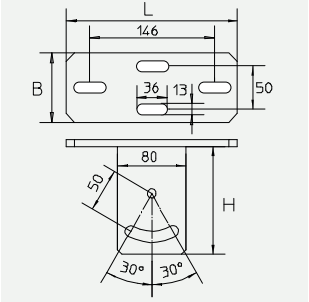
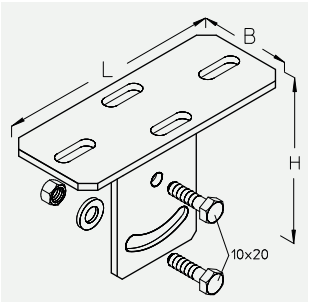
BGUD

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



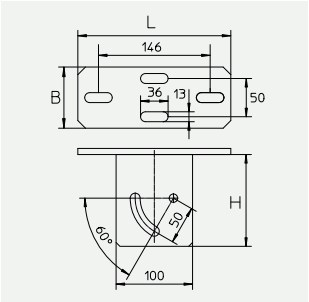
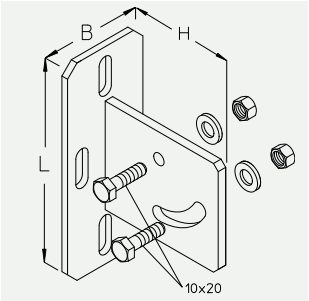
BGUDW

Screw-on head plate, 30° - 90° , 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

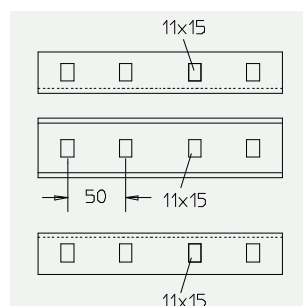
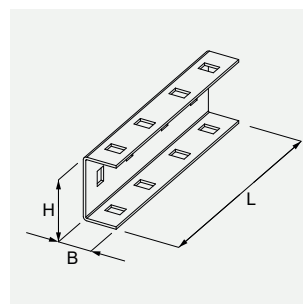
SD Expansion anchor 487



KHUV 40

Connector, KHU 40

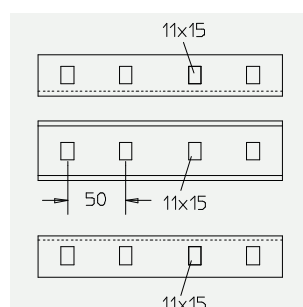
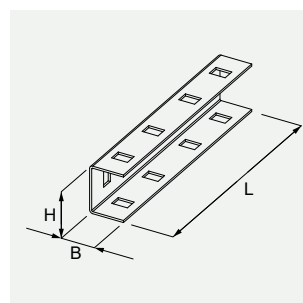
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KHUV 40S	41	32	210	2.00	0.449
Steel, hot-dip galvanised					
KHUV 40F	41	32	210	2.00	0.470
steel, galvanic zinc plated					
KHUV 40GV	41	32	210	2.00	0.437
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHUV 40E	41	32	210	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

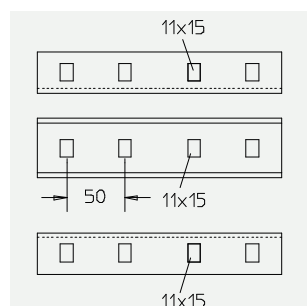
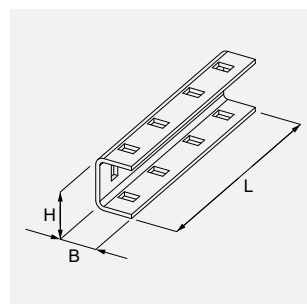
Article	H mm	B mm	L mm	t mm	G kg
Steel, pre-galvanised/Sendzimir process					
KHUV 57S	58	33	210	2.50	0.598
Steel, hot-dip galvanised					
KHUV 57F	58	33	210	2.50	0.630
steel, galvanic zinc plated					
KHUV 57GV	58	33	210	2.50	0.586
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHUV 57E	58	33	210	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

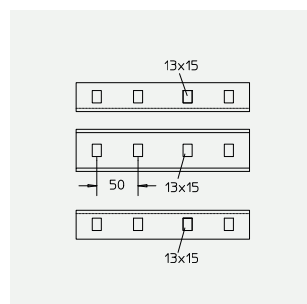
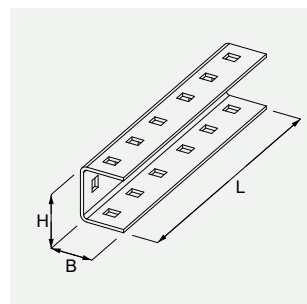
Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KHUV 60F	51	35	210	4.00	0.828
steel, galvanic zinc plated					
KHUV 60GV	51	35	210	4.00	0.771
Stainless steel, acc. to AISI 304 (BS 304S31)					
KHUV 60E	51	35	210	4.00	0.787
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS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



KHUV 80

Connector, KHU 80

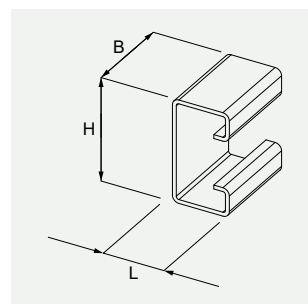
Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
KHUV 80F	69	54	310	4.00	2.003



KHUSS 40

Support piece, KHU 40

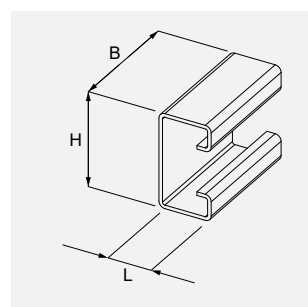
Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHUSS 40S	40	35	22	0.105
Steel, hot-dip galvanised				
KHUSS 40F	40	35	22	0.108
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHUSS 40E	40	35	22	0.105
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHUSS 40E4	40	35	22	0.103



KHUSS 57

Support piece, KHU 57

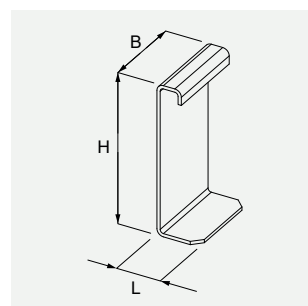
Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHUSS 57S	40	51	22	0.134
Steel, hot-dip galvanised				
KHUSS 57F	40	51	22	0.138
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHUSS 57E	40	51	22	0.135
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHUSS 57E4	40	51	22	0.133



KHUSS 60

Support piece, KHU 60

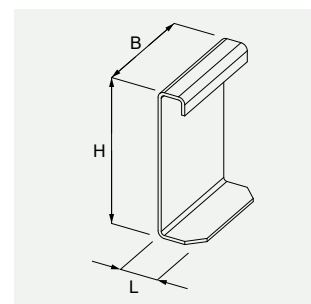
Article	H mm	B mm	L mm	G kg
Steel, pre-galvanised/Sendzimir process				
KHUSS 60S	93	51	26	0.180
Steel, hot-dip galvanised				
KHUSS 60F	93	51	26	0.182
Stainless steel, acc. to AISI 304 (BS 304S31)				
KHUSS 60E	93	51	26	0.184
Stainless steel, acc. to AISI 316Ti (BS 320S31) / AISI 316L (BS 316S11)				
KHUSS 60E4	93	51	26	0.182



KHUSS 80

Support piece, KHU 80

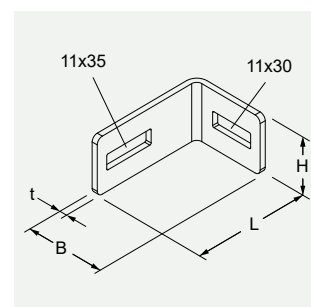
Article	H mm	B mm	L mm	G kg
Steel, hot-dip galvanised				
KHUSS 80F	93	69	26	0.285



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



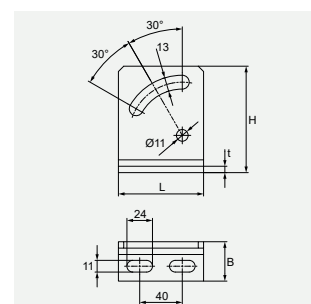
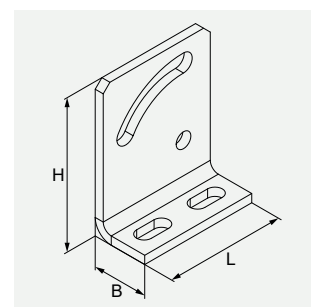
optional accessories

SD	Expansion anchor	487
KLS	Clamp fastening set	477

BLD

Diagonal adaptor

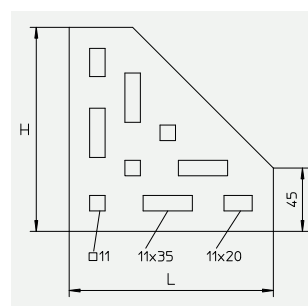
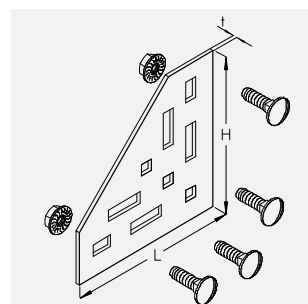
Article	H mm	B mm	L mm	t mm	G kg
Steel, hot-dip galvanised					
BLD F	100	37	80	6.00	0.412



KB

Junction plate

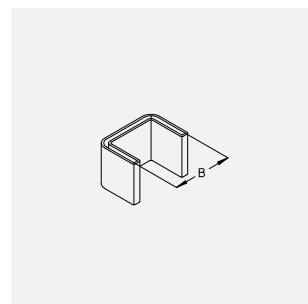
Article	H mm	L mm	t mm	W °	G kg
Steel, hot-dip galvanised					
KB F	150	150	3.00	90°	0.484
Stainless steel, acc. to AISI 304 (BS 304S31)					
KB E	150	150	2.00	90°	0.464



SU 40

Protection cap, KHU 40

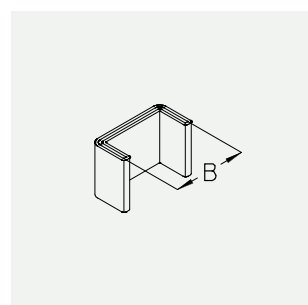
Article	B mm	G kg
polyethylen		
SU 40	40	0.013



SU 57

Protection cap, KHU 57

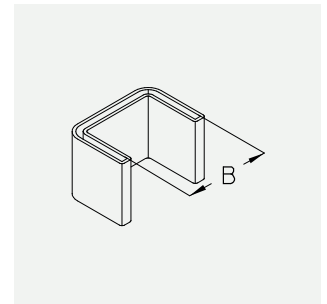
Article	B mm	G kg
polyethylen		
SU 57	57	0.015



SU 60

Protection cap, KHU 60

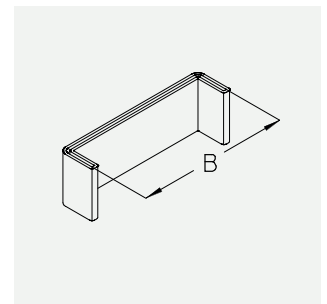
Article	B mm	G kg
polyethylen		
SU 60	60	0.022



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

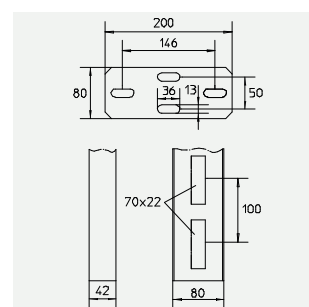
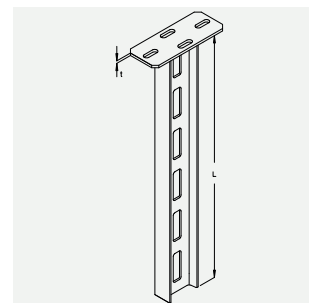


I-Profile System

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

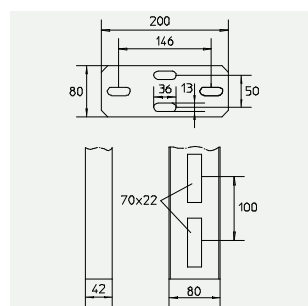
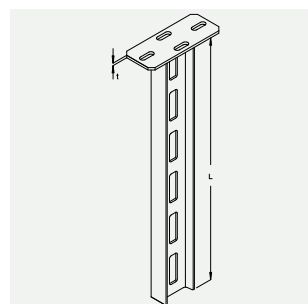
KDI

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

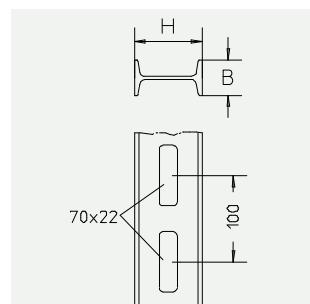
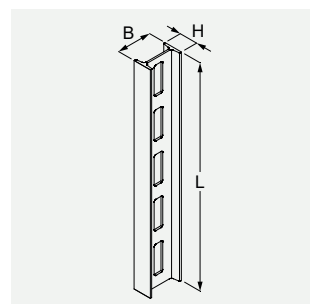
KHI	Bracket support, heavy, 80x42 mm	436
KDIA-G	Adapter for KDI, welded	440
KT	Bracket, standard, KDI/KHI	437
KTS	Bracket, heavy, KDI/KHI	437
KTSS	Bracket, very heavy, KDI/KHI	438
SD	Expansion anchor	487
SI	Protection cap, KDI/KHI	271,444



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

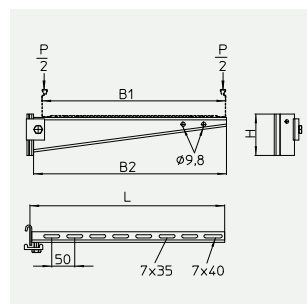
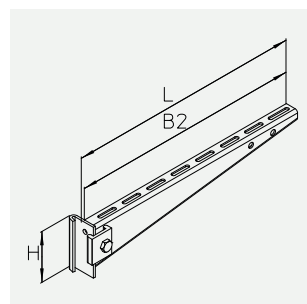
Article	H mm	B1 mm	B2 mm	L mm	P _{max} kN	G kg
Steel, hot-dip galvanised						
KT 010F	50	100	120	124	2.00	0.259
KT 020F	70	200	220	224	2.00	0.484
KT 030F	70	300	320	324	2.00	0.594
KT 040F	90	400	420	424	2.00	0.958
KT 050F	110	500	520	524	2.00	1.429
KT 060F	110	600	620	624	2.10	1.654

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



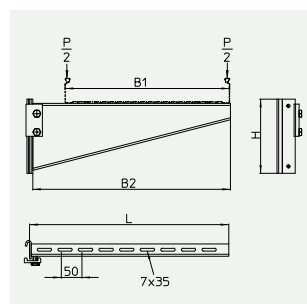
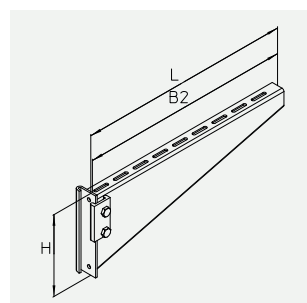
KTS

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



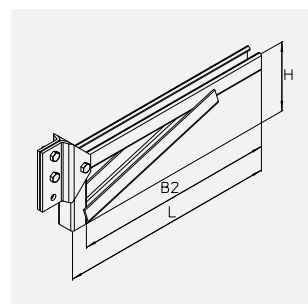
KTSS

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



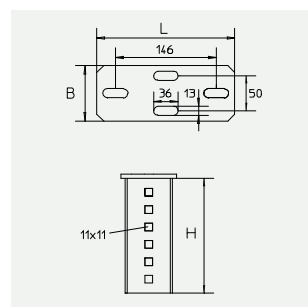
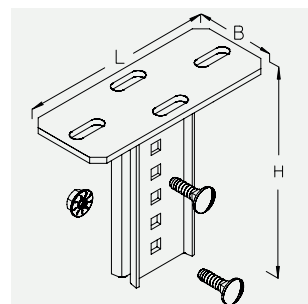
BGI

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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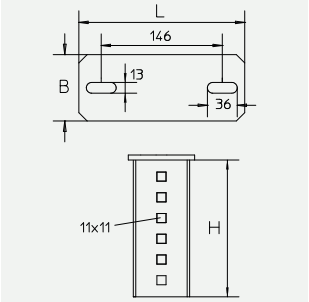
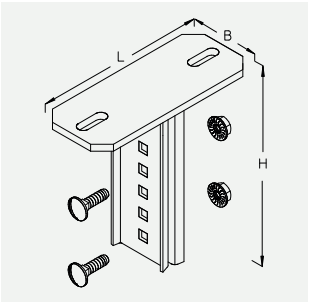
BGIQ

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



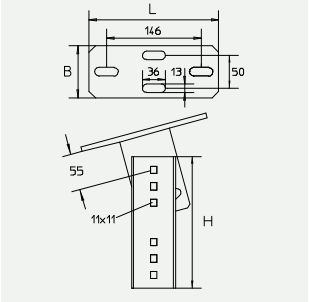
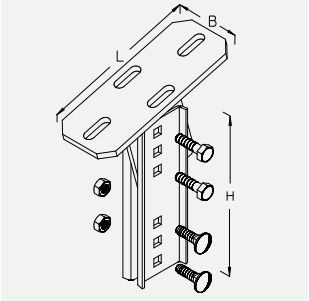
BGID

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



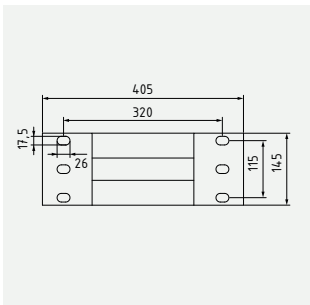
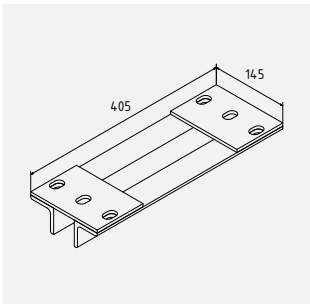
KDIA-G

Adapter for KDI, welded

Article	G
	kg
Steel, hot-dip galvanised	
KDIA-G F	6.260

optional accessories

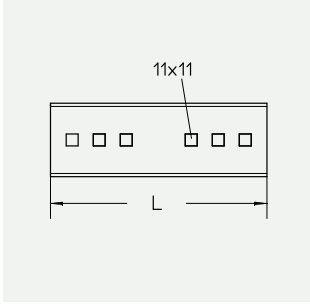
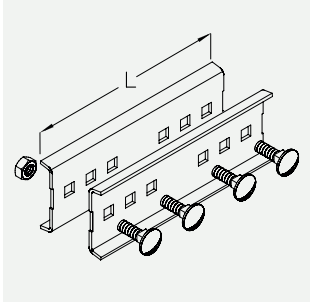
SD	Expansion anchor	487
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HKI

Connector, KHI

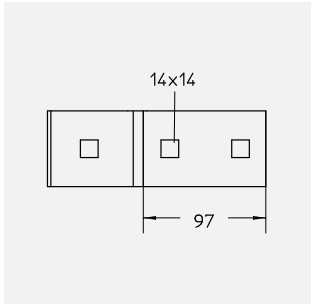
Article	H	L	G
	mm	mm	kg
Steel, hot-dip galvanised			
HKI F	68	200	0.886



HKIW

Mounting bracket, KHI

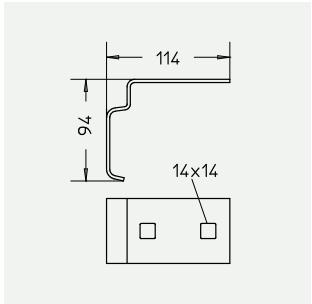
Article	H	B	L	W	G
	mm	mm	mm		kg
Steel, hot-dip galvanised					
HKIW F	60	30	172	90°	0.792
steel, galvanic zinc plated					
HKIW GV	60	30	172	90°	0.739



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



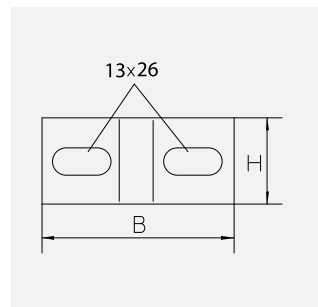
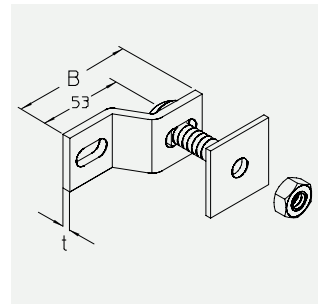
BL 3

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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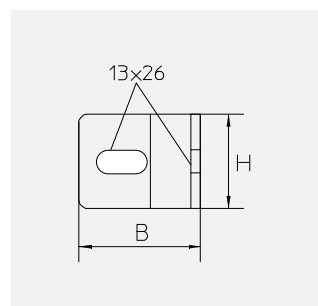
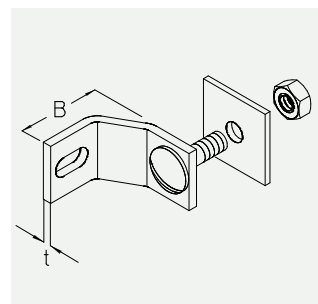
BL 7

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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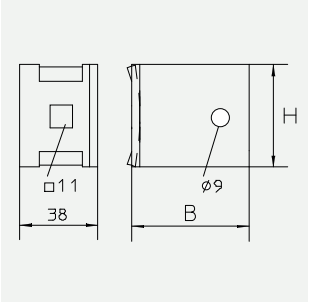
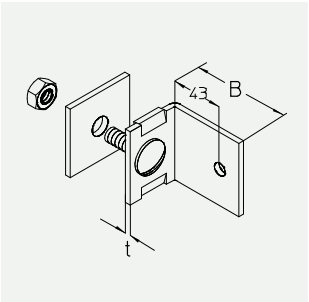
BL 8

Mounting bracket

Article	H	B	L	t	G
	mm	mm	mm	mm	kg
Steel, hot-dip galvanised					
BL 8F	38	50	58	4.00	0.254

optional accessories

SD	Expansion anchor	487
KLS	Clamp fastening set	477



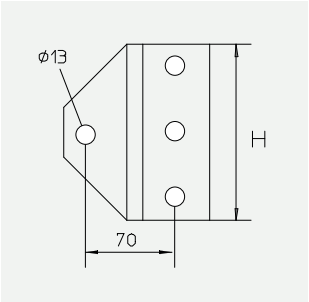
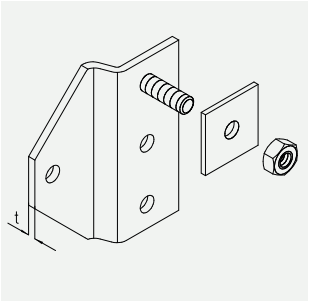
BLI

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

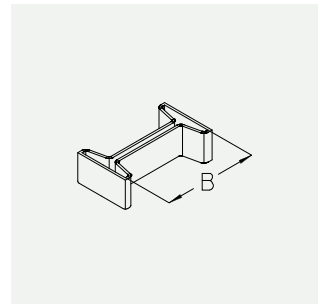
SD	Expansion anchor	487
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SI

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

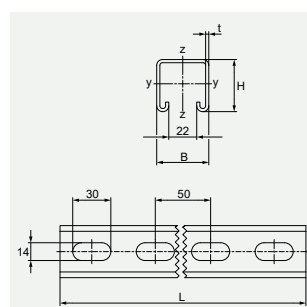
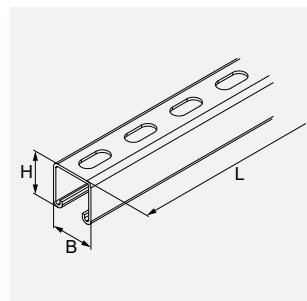
KHA 41

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



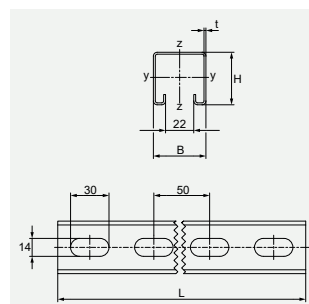
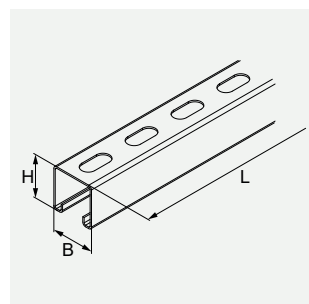
KHAL 41

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



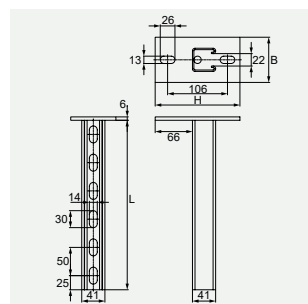
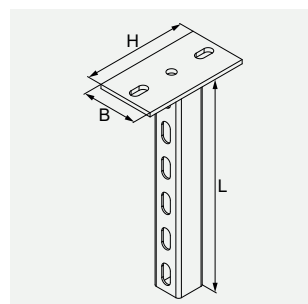
KDAG 41

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



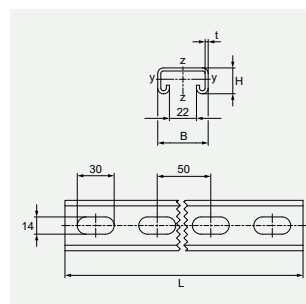
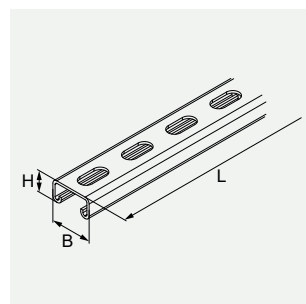
KHA 21

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



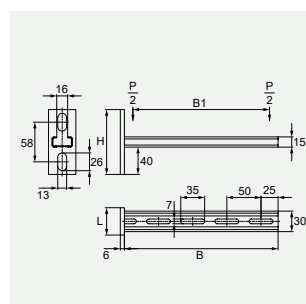
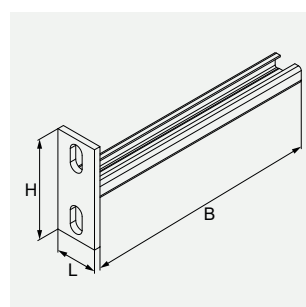
KA 30

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



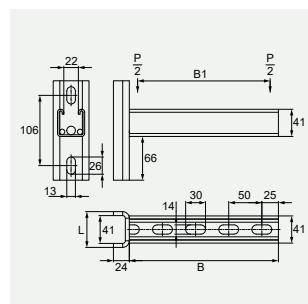
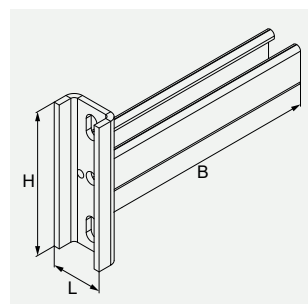
KA 41

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



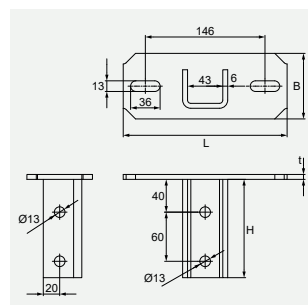
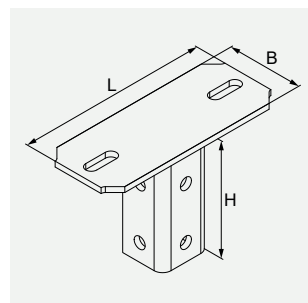
BGA 41

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



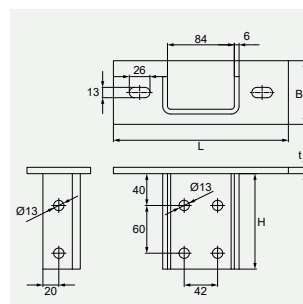
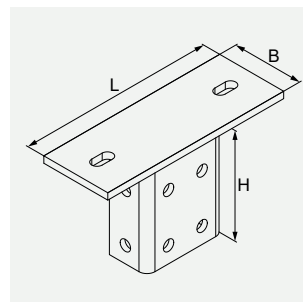
BGA 41/2

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



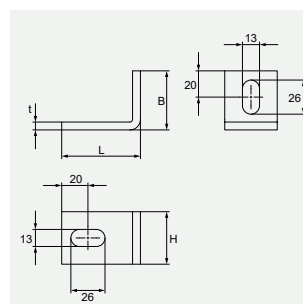
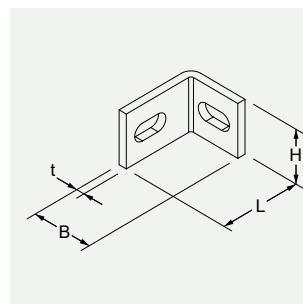
BL 5

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



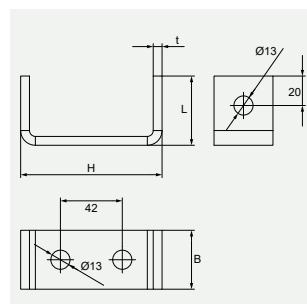
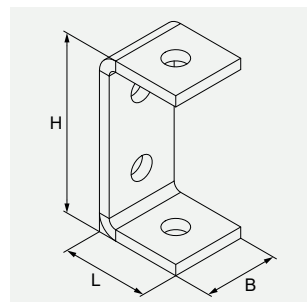
AKL 41

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



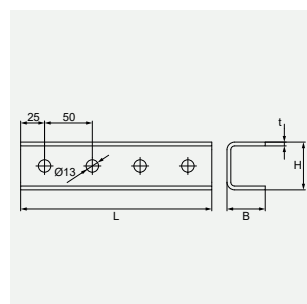
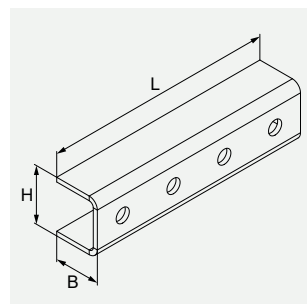
AV 41

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



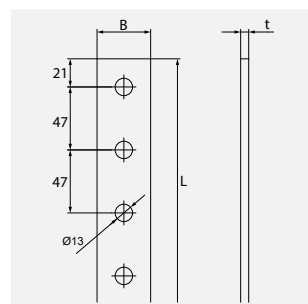
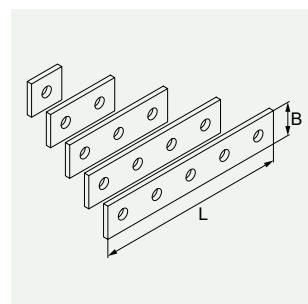
AVL

Rail connector

Article	B mm	L mm	t mm	G 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



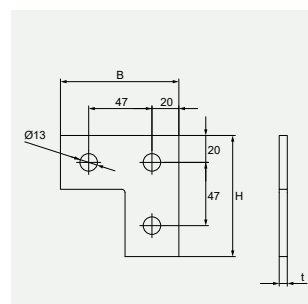
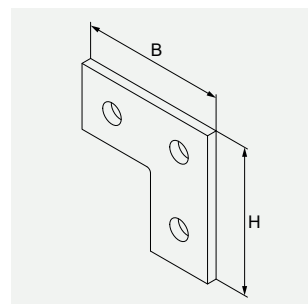
AVE

Rail connector, corner

Article	H mm	B mm	t mm	G 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



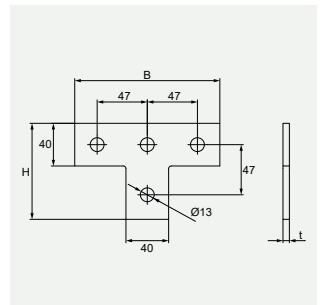
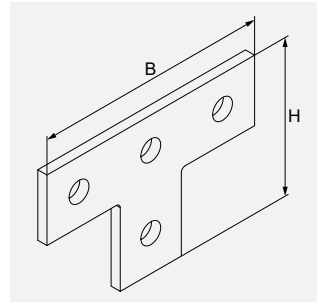
AVA

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



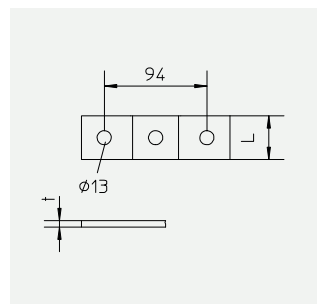
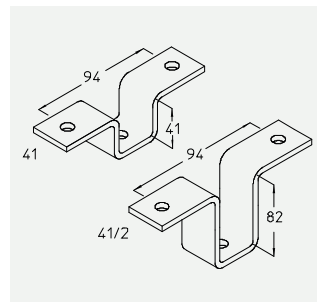
AVB

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



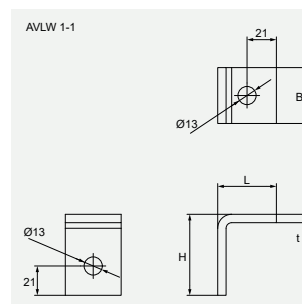
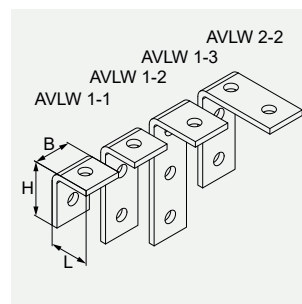
AVLW

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



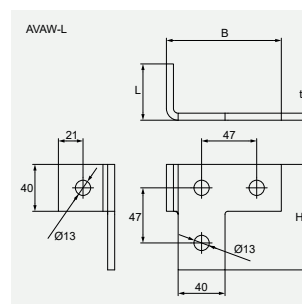
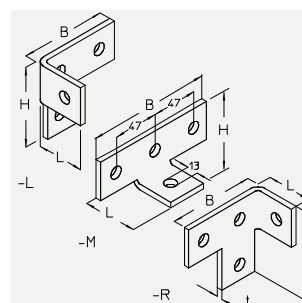
AVAW

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



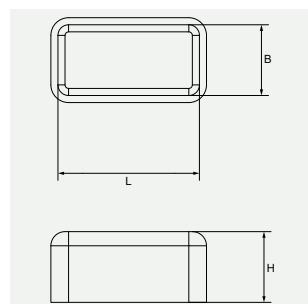
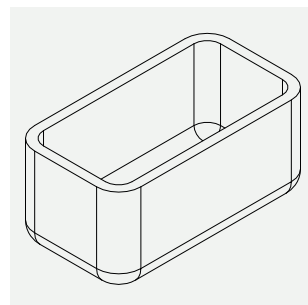
SA 1

Protection cap, cadmium yellow RAL 1021

Article	H	B	L	G
	mm	mm	mm	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



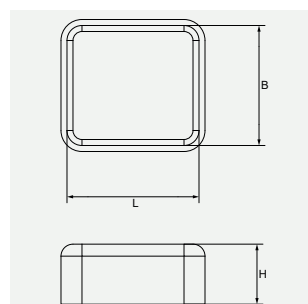
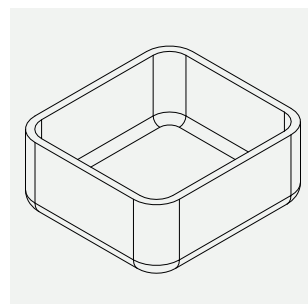
SA 2

Protection cap, cadmium yellow RAL 1021

Article	H	B	L	G
	mm	mm	mm	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



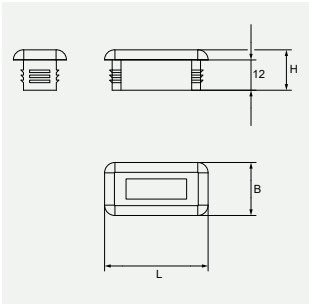
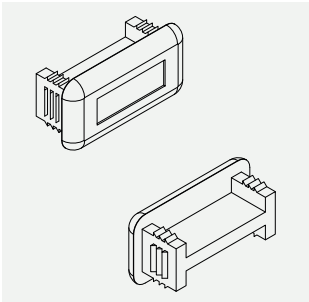
SAI 21

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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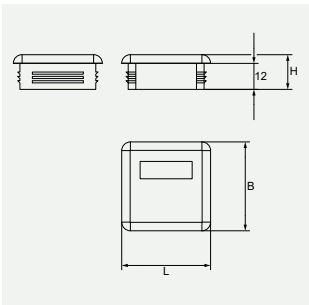
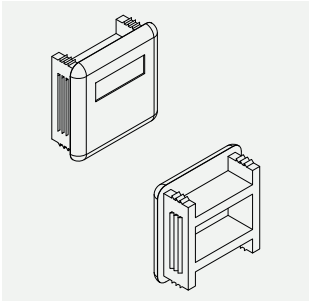
SAI 41

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

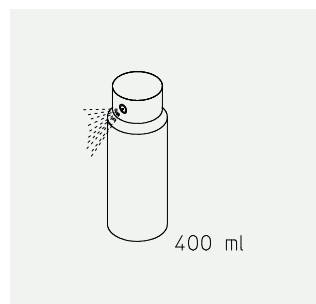
optional accessories

KHA 41	41x41 mm profile rail, perforated	324,445
A 41	41x41 mm profile rail, unperforated	460



Cold zinc spray

Article	G kg
KZS	0.403



Cold zinc paint

Article	G kg
KZF	1.035



C-Profiles

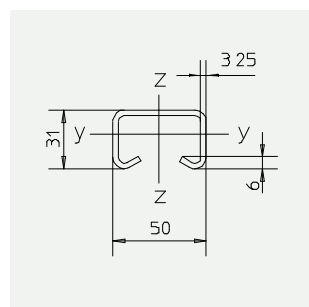
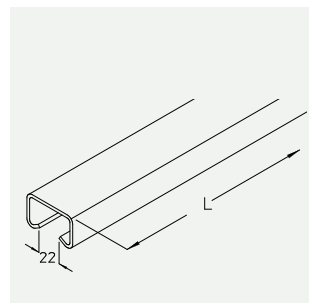
A 2

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



A 4

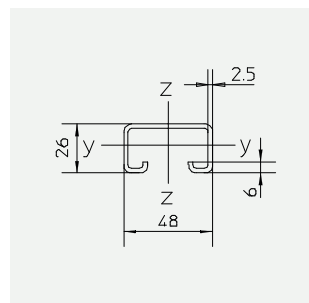
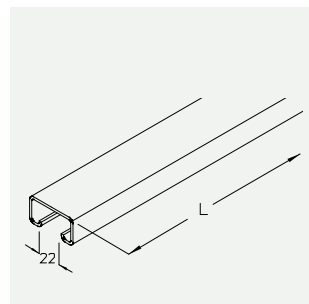
48x26 mm profile rail, unperforated

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



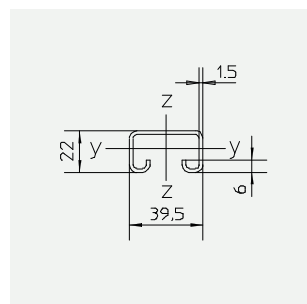
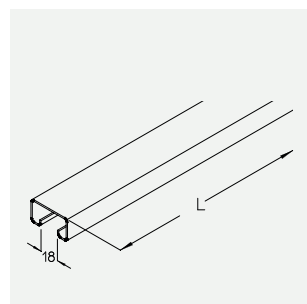
A 7

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



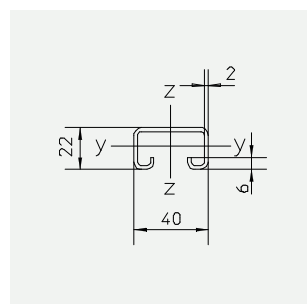
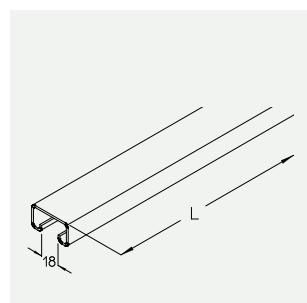
A 8

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



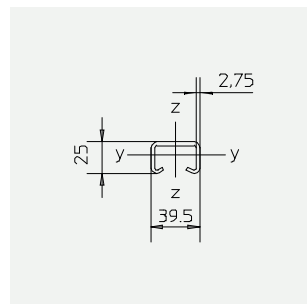
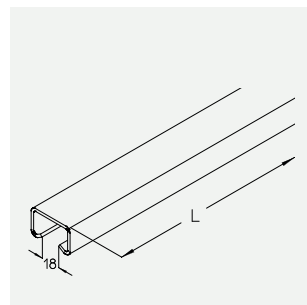
A 9

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



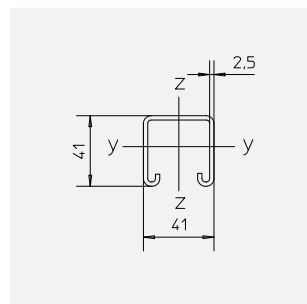
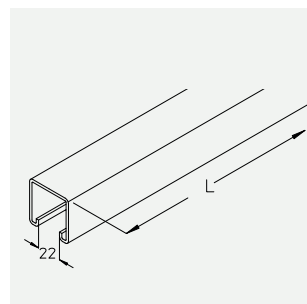
A 41

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



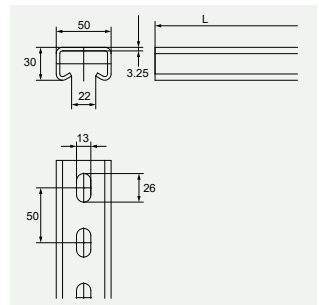
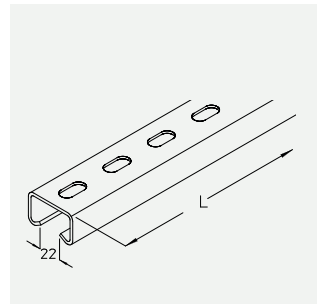
KHA 2

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



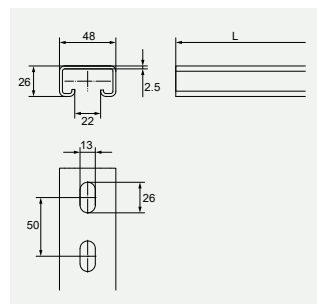
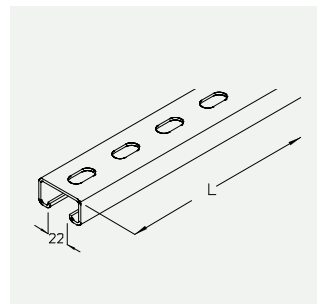
KHA 4

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



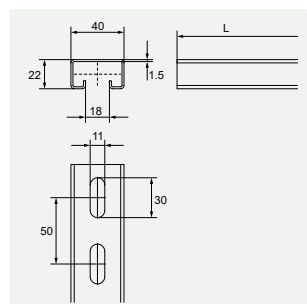
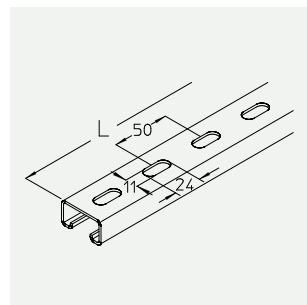
KHA 7

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



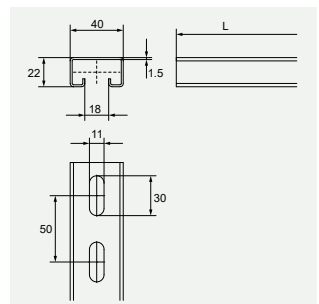
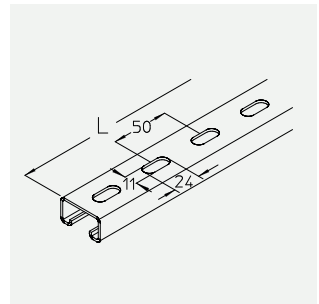
KHA 7

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

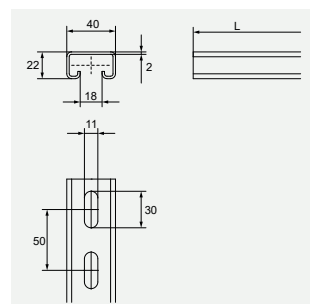
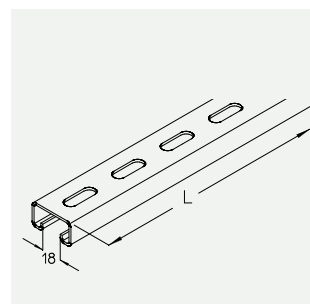
Article	L mm	B _p mm	H _p mm	t mm	G kg
Steel, hot-dip galvanised					
KHA 8-01F	100	40	22	2.00	0.154
KHA 8-02F	200	40	22	2.00	0.310
KHA 8-03F	300	40	22	2.00	0.460
KHA 8-04F	400	40	22	2.00	0.620
KHA 8-05F	500	40	22	2.00	0.770
KHA 8-06F	600	40	22	2.00	0.930
KHA 8-07F	700	40	22	2.00	1.080
KHA 8-08F	800	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



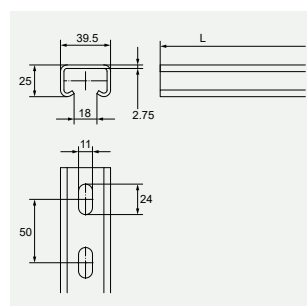
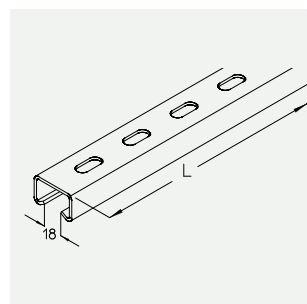
KHA 9

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



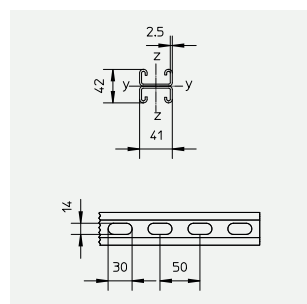
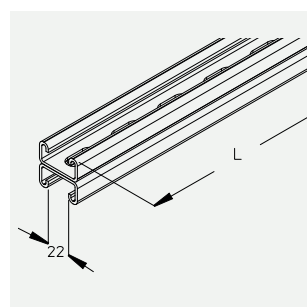
KHA 42

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



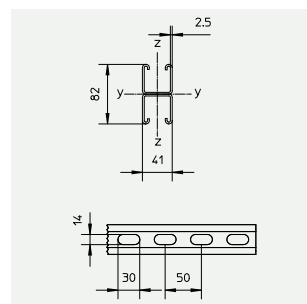
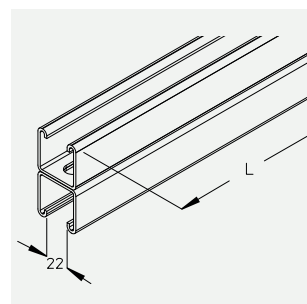
KHA 82

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



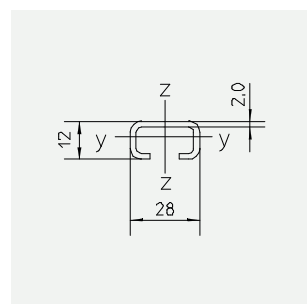
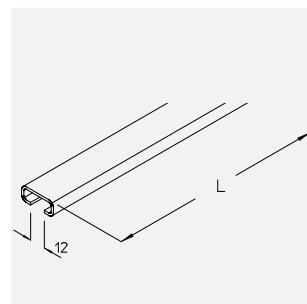
B 3

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



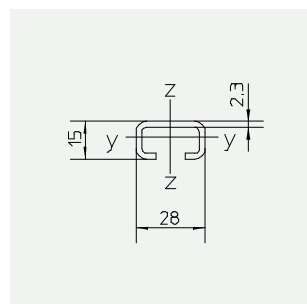
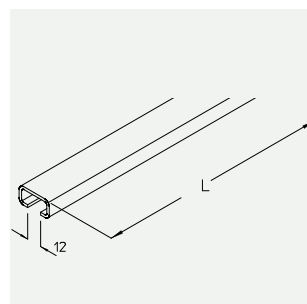
B 6

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



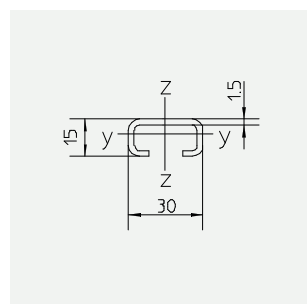
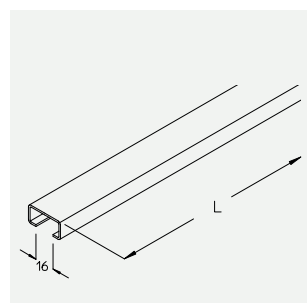
B 7

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

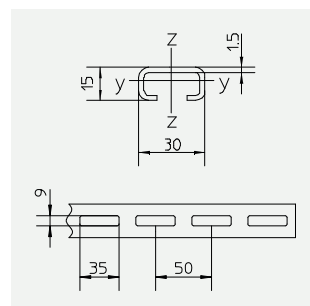
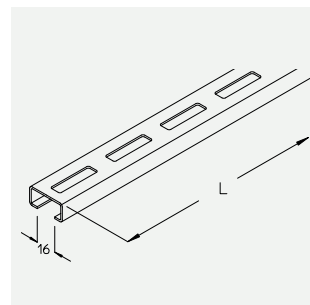
HS16	Tee-head bolt	519
AM 16	Channel nut	518



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

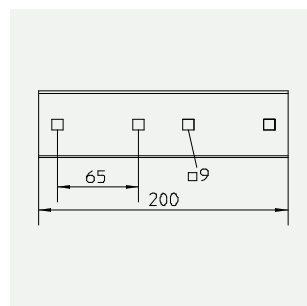
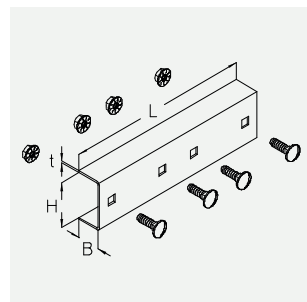
ASK 4

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



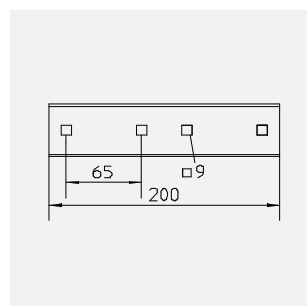
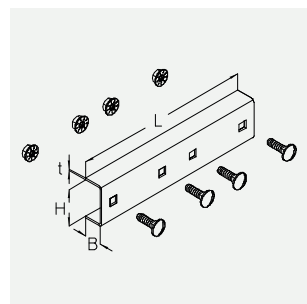
ASK 8

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



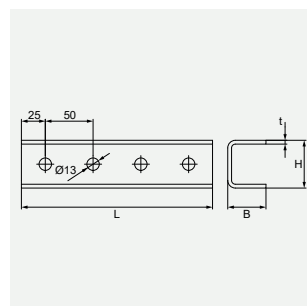
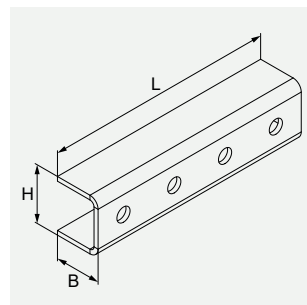
AV 41

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



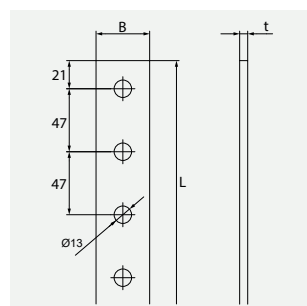
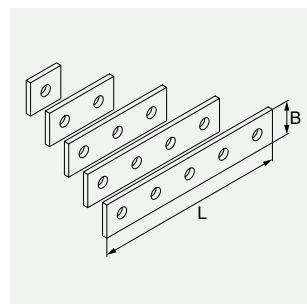
AVL

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



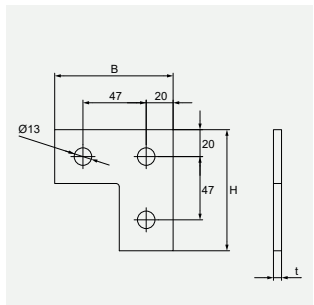
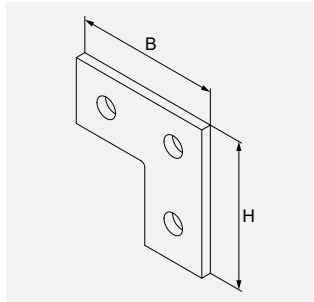
AVE

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



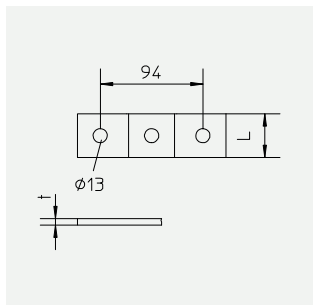
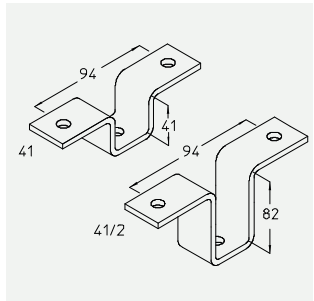
AVB

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



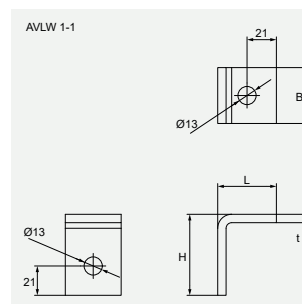
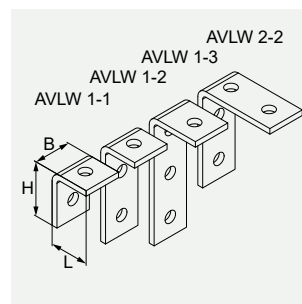
AVLW

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



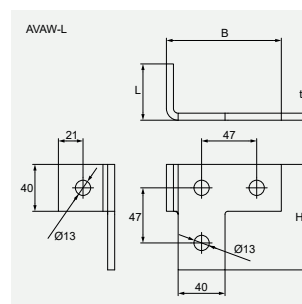
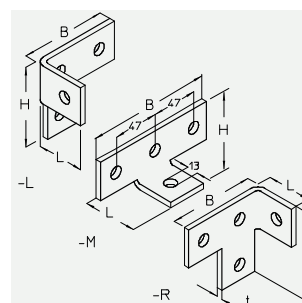
AVAW

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

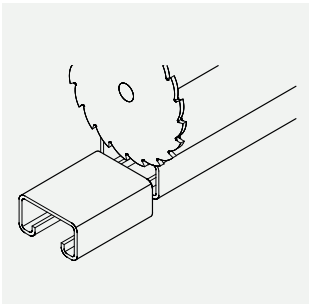


PRS

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

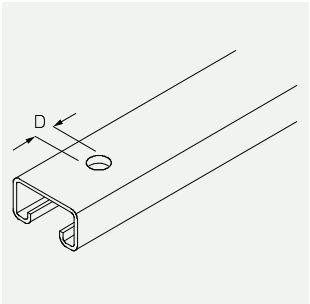


RL

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

