

## KDI

bracket support, heavy, 80x42 mm

ceiling bracket support, heavy building class, made of profile I 80, with continuously elongated hole perforation in bars, with welded head plate, certified according to DIN EN 61357

$F_D/P$ : coefficient for calculation of the dowel load  $F_D$  with effective bracket load  $P$  respectively the sum of effective bracket loads. The material thickness indicates the thickness of the head plate.

galvanized, according to DIN EN ISO 19598 / DIN EN ISO 2081

Product	L	t	G
KDI 02GV	200 mm	6,00 mm	1,72 kg
KDI 03GV	300 mm	6,00 mm	2,20 kg
KDI 04GV	400 mm	6,00 mm	2,70 kg
KDI 05GV	500 mm	6,00 mm	3,41 kg
KDI 06GV	600 mm	6,00 mm	3,90 kg
KDI 07GV	700 mm	6,00 mm	4,39 kg
KDI 08GV	800 mm	6,00 mm	5,02 kg
KDI 09GV	900 mm	6,00 mm	5,46 kg
KDI 10GV	1000 mm	6,00 mm	6,17 kg
KDI 11GV	1100 mm	8,00 mm	6,64 kg
KDI 12GV	1200 mm	8,00 mm	7,18 kg
KDI 13GV	1300 mm	8,00 mm	7,72 kg
KDI 14GV	1400 mm	8,00 mm	8,26 kg
KDI 15GV	1500 mm	8,00 mm	8,80 kg
KDI 20GV	2000 mm	8,00 mm	11,54 kg
KDI 25GV	2500 mm	8,00 mm	14,27 kg

Hot-dip galvanized, according to BS 729 (DIN EN ISO 1461)

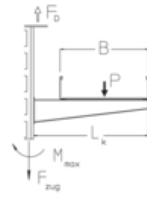
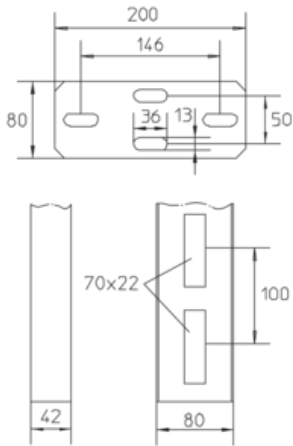


Product	L	t	G
KDI 02F	200 mm	6,00 mm	1,87 kg
KDI 03F	300 mm	6,00 mm	2,40 kg
KDI 04F	400 mm	6,00 mm	3,00 kg
KDI 05F	500 mm	6,00 mm	3,60 kg
KDI 06F	600 mm	6,00 mm	4,20 kg
KDI 07F	700 mm	6,00 mm	4,80 kg
KDI 08F	800 mm	6,00 mm	5,40 kg
KDI 09F	900 mm	6,00 mm	6,00 kg
KDI 10F	1000 mm	6,00 mm	6,60 kg
KDI 11F	1100 mm	8,00 mm	7,39 kg
KDI 12F	1200 mm	8,00 mm	7,97 kg
KDI 13F	1300 mm	8,00 mm	8,56 kg
KDI 14F	1400 mm	8,00 mm	9,14 kg
KDI 15F	1500 mm	8,00 mm	9,73 kg
KDI 16F	1600 mm	8,00 mm	10,31 kg
KDI 17F	1700 mm	8,00 mm	10,90 kg
KDI 18F	1800 mm	8,00 mm	11,48 kg
KDI 19F	1900 mm	8,00 mm	12,20 kg
KDI 20F	2000 mm	8,00 mm	12,60 kg
KDI 21F	2100 mm	8,00 mm	13,20 kg
KDI 22F	2200 mm	8,00 mm	13,90 kg
KDI 23F	2300 mm	8,00 mm	14,50 kg
KDI 24F	2400 mm	8,00 mm	15,20 kg
KDI 25F	2500 mm	8,00 mm	15,60 kg
KDI 26F	2600 mm	8,00 mm	16,24 kg
KDI 27F	2700 mm	8,00 mm	16,75 kg
KDI 28F	2800 mm	8,00 mm	17,33 kg
KDI 29F	2900 mm	8,00 mm	17,92 kg
KDI 30F	3000 mm	8,00 mm	18,50 kg

**L:** length  
**t:** material thickness  
**G:** weight



## DETAILS / APPLICATIONS



$L \leq 1000$ :  $M_{max} = 1600 \text{ Nm}$   
 $L > 1000$ :  $M_{max} = 2200 \text{ Nm}$   
 $F_{Zug} = 20 \text{ kN}$

B	L <sub>k</sub>	P <sub>max</sub>		F <sub>D</sub> /P
		L > 1000	L < 1000	
mm	mm	kN	kN	
100	120	20,0	14,5	1,3
200	220	13,8	10,0	1,6
300	320	10,5	7,6	1,9
400	420	8,5	6,2	2,3
500	520	7,1	5,2	2,6
600	620	6,1	4,4	3,0

## OPTIONAL ACCESSORIES

KDIA-G, KT, KTS, KTSS, SD, SI

