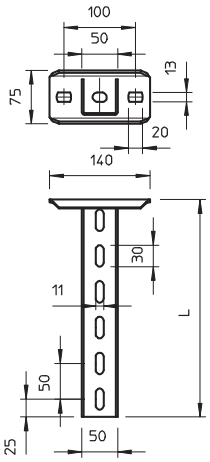
US 5 support

Suspended support (U profile) with welded head plate.
For fastening to horizontal concrete ceilings and steel girders. For bracket widths of 400 mm or more, or if the bracket is mounted at the end of a suspended support, we recommend the use of the spacer, type DSK 45.

Type	Length mm	Material thickness mm	Pack. pcs	Weight kg/100 pcs.	Item No.
US 5 K 15 G	150	2,5	1	70,000	**6343840**
US 5 K 20 G	200	2,5	1	82,000	**6343841**
US 5 K 25 G	250	2,5	1	94,000	**6343842**
US 5 K 30 G	300	2,5	1	106,000	**6343843**
US 5 K 40 G	400	2,5	1	131,000	**6343845**
US 5 K 50 G	500	2,5	1	155,000	**6343847**
US 5 K 60 G	600	2,5	1	179,000	**6343849**
US 5 K 70 G	700	2,5	1	203,000	**6343851**
US 5 K 80 G	800	2,5	1	228,000	**6343853**
US 5 K 90 G	900	2,5	1	252,000	**6343855**
US 5 K 100 G	1000	2,5	1	276,000	**6343857**
US 5 K 110 G	1100	2,5	1	300,000	**6343859**
US 5 K 120 G	1200	2,5	1	325,000	**6343861**

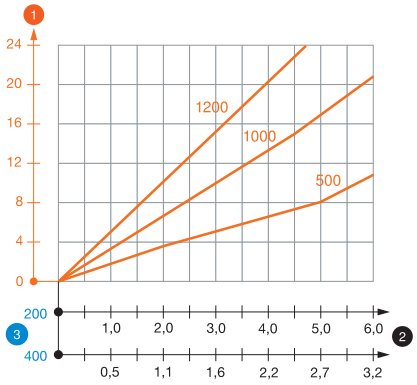
G Electrogalvanised

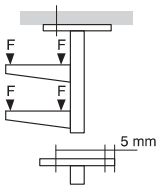
Dimensions



US 5 support

Load

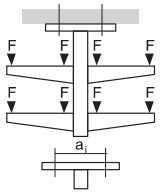




Characteristic anchor load values for US 5 K support - Single-sided load

Max. load F [kN]				
Bracket width [mm]	**110**	**210**	**310**	**410**
Anchor type				
BZ-U 10-10/90	3,75	2,75	2,2	1,8
BZ 70 M12-15/110	5,75	4,75	3,85	3,25

Max. total load F = cable weight + cable tray + bracket + suspended support. The tabular values for double-sided loads take the available axis spacing ai = 10 cm into account. The load capacity values increase considerably when used in uncracked concrete. Observe the load capacity of the brackets (diagram) and the installation conditions of the DIBt approval (anchors).

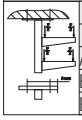


Characteristic anchor load values for US 5 K support - Double-sided load

Max. load F [kN]						
Bracket width [mm]	**110**	**210**	**310**	**410**	**510**	**610**
Anchor type						
BZ-U 10-10/90	5,5	5,8	5	4,5	3,8	1,75
BZ 70 M12-15/110	10	10	9	8	6,75	5,5

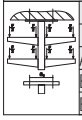
Max. total load F = cable weight + cable tray + bracket + suspended support. The tabular values for double-sided loads take the available axis spacing ai = 10 cm into account. The load capacity values increase considerably when used in uncracked concrete. Observe the load capacity of the brackets (diagram) and the installation conditions of the DIBt approval (anchors).

Single-sided load



	Max. load F [kN]			
	Bracket width [mm]			
Anchor type	110	210	310	410
BZ-U 10-10/90	3,75	2,75	2,20	1,80
BZ 70 M12-15/110	5,75	4,75	3,85	3,25

Double-sided load



	Max. load F [kN]					
	Bracket width [mm]					
Anchor type	110	210	310	410	510	610
BZ-U 10-10/90	5,50	5,80	5,00	4,50	3,80	1,75
BZ 70 M12-15/110	10,00	10,00	9,00	8,00	6,75	5,50

Max. total load F = cable weight + cable tray + bracket + suspended support. The tabular values for double-sided loads take the available axis spacing ai = 10 cm into account. The load capacity values increase considerably when used in uncracked concrete. Observe the load capacity of the brackets (diagram) and the installation conditions of the DIBt approval (anchors).