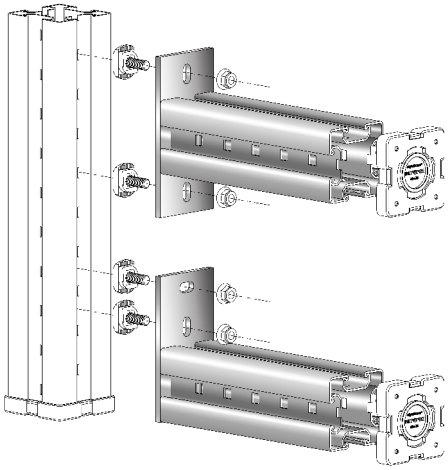
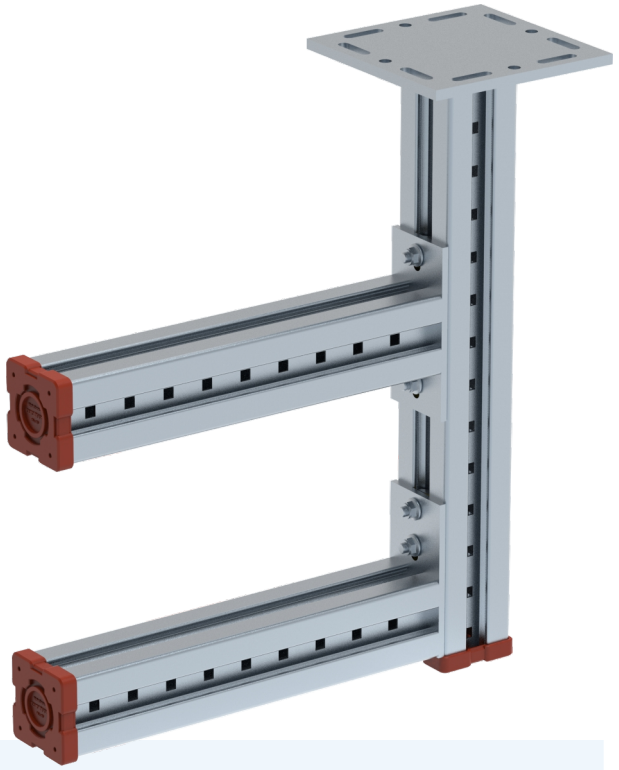
Cantilever Bracket CB/CBE S100

The structural element with welded end-plate to serve as cantilever arm for Beam Section AF S100 & AF S150. Solid cantilever for supporting cable trays, pipes and miscellaneous secondary steel work.



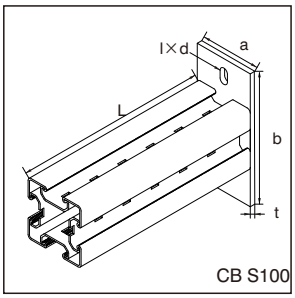


The Key Advantages

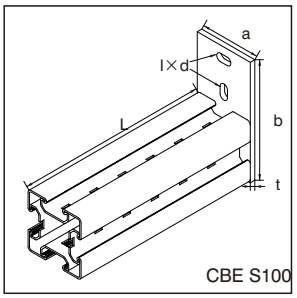
- Ready-to-use element for mounting to Beam Section AF S100 and Beam Bracket BB S100, or for construction of cross bars with respective connecting elements.
- Provides an easy-to-install, adjustable, flexible solution for industrial and heavy commercial applications.
- Cantilever Bracket CBE allows a flush corner to the under side of the profile.
- Quick interlocking connection to Beam Section AF S90 and AF S100 by means of 2 T-head Bolts.
- High level hot-dipped galvanized corrosion protection.
- With pre-assembled End Cap EC S100.

Technical Data

- **Material Composition:**
  Steel S275JR - EN 10025
- **Surface Finish:**
  Hot-dipped galv. 55µm DIN EN ISO 1461



CB S100



CBE S100

Hardware included per part

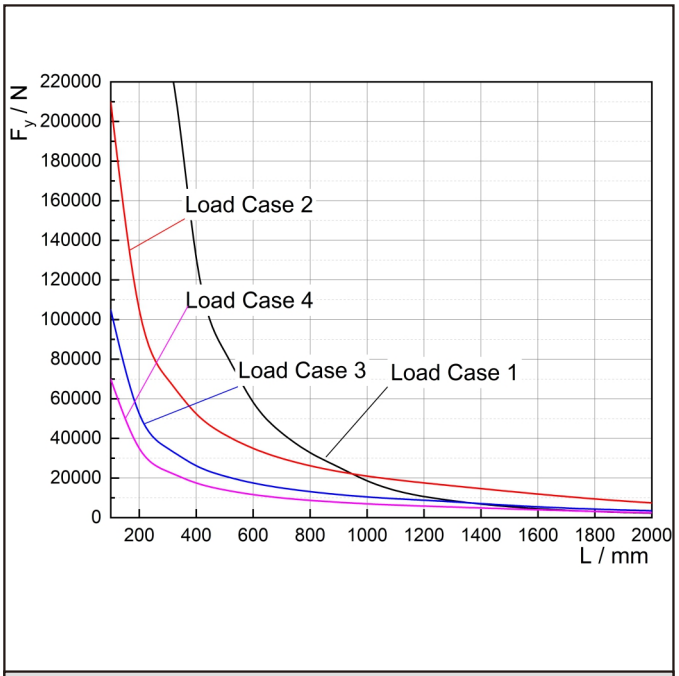
Type	Part-No.	Plate a×b×t [mm]	Hole l×d [mm]	Beam Section	Length L [mm]	Weight [kg/pc]	Pack Size [pcs]
CB S100-500	21510050	104×210×8	25×13	AF S100 & S150	500	10.57	1
CB S100-750	21510075	104×210×8	25×13	AF S100 & S150	750	15.17	1
CB S100-1000	21510010	104×210×8	25×13	AF S100 & S150	1000	19.77	1
CBE S100-500	21610050	104×195×8	25×13	AF S100 & S150	500	10.47	1
CBE S100-750	21610075	104×195×8	25×13	AF S100 & S150	750	15.07	1
CBE S100-1000	21610010	104×195×8	25×13	AF S100 & S150	1000	19.67	1

Other length subject to customer's further inquiry.

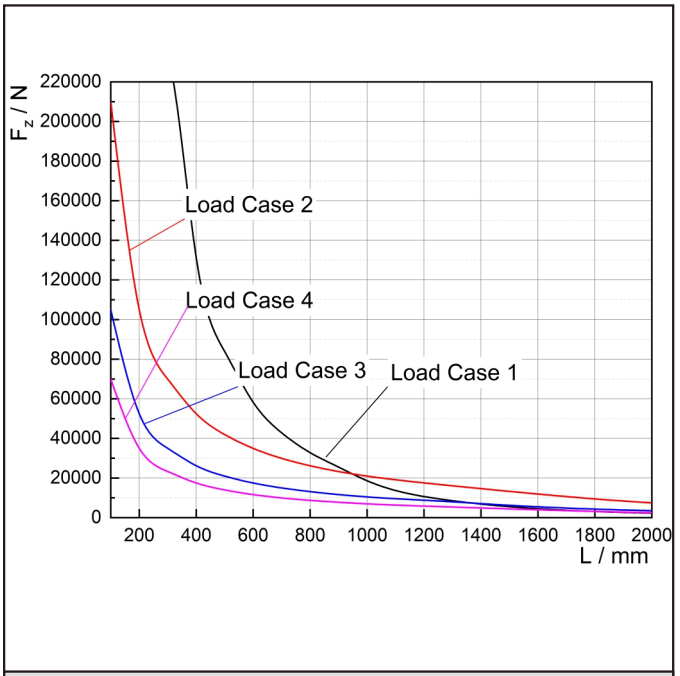
Max. load capacities [N]

Type	Case1 L[m]			Case2 L[m]			Case3 L[m]			Case4 L[m]		
	0.5	0.75	1.0	0.5	0.75	1.0	0.5	0.75	1.0	0.5	0.75	1.0
CB S100	20977	13978	9311	41954	28029	20977	20977	13991	10488	13985	9342	6992
CBE S100	20977	13978	9311	41954	28029	20977	20977	13991	10488	13985	9342	6992

- At the stated values, the permissible steel stress of 160 N/mm² must not exceed and the maximum deflection under load L/200 must be taken into its own weight account.
- Load capacity values are valid for primarily static load.



AlphaFrame® Beam Section CB S100



AlphaFrame® Beam Section CBE S100