



End Support WBD F 100

Group: A821

Application

Plug-in component designed to create a square end plate at the open end of a Beam Section TP F 100 or a Beam Bracket/Cantilever bracket AK F 100. The "T" variation with octagonal insert allows full use of the beam section, permitting screwed connections anywhere along the length without internal screw clashes.

Installation

Depending on the situation, different options are recommended:

- Directly to building structure: 4 x suitable wall anchors and 4 Self Forming Screws FLS applied to the square/octagonal insert
- To traditional steel beams between 80 – 310 mm flange dimensions: 1x Assembly Set 5P M12 S, M16 S and 4 Self Forming Screws FLS applied to the square/octagonal insert
- To Sikla Simotec steel beams 100/120: with Bracket Plates FV 100/120 when positive mechanical connection required

The Beam Section TP F 100 connected to the End Support WBD F 100 has to be screwed with 4 Self Forming Screws FLS F. On each of the opposite sides 2 Self Forming Screws FLS F are necessary. The permissible distance between base plate WBD and profile must not exceed 30 mm.

Technical Data

Type	Base plate finish	for flange width [mm]	Dimensions of base plate	Slots in base plate [l x b]
WBD F 100-80/120	flat	80 - 120	220 x 220 x 12	30 x 14
WBD-P F 100-121/160	corrugated	121 - 160	320 x 260 x 12	20 x 14
WBD-P F 100-161/200	corrugated	161 - 200	320 x 310 x 12	20 x 18
WBD-P F 100-201/310	corrugated	201 - 310	420 x 220 x 12	55 x 18
WBD F 100-T	flat	80 - 120	220 x 220 x 12	30 x 14

Type	e [mm]	L [mm]	t ₁ [mm]	Slots in base plate for
WBD F 100-80/120	max. mögl. Abstand	232	-	M12
WBD-P F 100-121/160	max. mögl. Abstand	232	27	M12
WBD-P F 100-161/200	max. mögl. Abstand	232	27	M16
WBD-P F 100-201/310	max. mögl. Abstand	232	27	M16
WBD F 100-T	max. mögl. Abstand	192	-	M12

configuration: Plate welded to square F 100 resp. octagonal element F 100 (only WBD F 100-T)

material: Steel, HCP

Also available with DUALSHIELD for high corrosion protection within C5H environments.

Approvals / Conformity

CE mark (Declaration of performance see www.sikla.com/service/downloads)
ETA-24/0471



NEPD-4539-3797-EN

Type	W [kg]	Quantity [pack]	Part number
WBD F 100-80/120	6.1	1	113075
WBD-P F 100-121/160	9.7	1	117167
WBD-P F 100-161/200	11.2	1	117168
WBD-P F 100-201/310	10.3	1	117169
WBD F 100-T	5.3	1	113079