



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. Variation "T" with octagonal insert allows full utilisation of beam section within the space required by the End Support WBD itself.

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

Approvals / Conformity

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



epd

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