Beam Clamp TCS 3 HCP



General Information

Heavy-duty connection elements which, in combination with Grub Screws, are suitable for mounting pipes, ducts and equipment to steel beams (I-, T-, U- and angle steel beams). The combination with a Universal Joint ss provides for vertically aligned attachment to inclined beams. Can serve as single mounting elements, for installing crossbars and for fixing cantilever structures.

Installation

Tighten the clamping bolt of the Beam Clamp first by hand, then tighten down with a spanner according to the mounting instructions. The hardened point of the clamping bolt will penetrate the comparatively soft material of the beam, ensuring a solid and highly secure connection. Tighten the locking nut for securing the installation.

Use an additional Holding Bracket HK 41 for mounting in the aera of the cutting edge of a channel.

Advice: Read relevant mounting instructions before installation!

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Connecting element material	steel
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	-V{Z,perm.}
TCS 3 - 17 HCP	15,00 kN

Note on loadings

The nominal loads indicated apply to new Beam Clamps fixed to undamaged beam flanges only.

Types

Type	Max. flange thickness	Thread connection	Weight	Quantity	Part number
TCS 3 - 17 HCP	36,00 mm	M12	0,410 kg/pcs.	25 pcs.	803084

Dimensions

Type	B	d	H1	L	L1	Ma
TCS 3 - 17 HCP	32 mm	17 mm	33,8 mm	54,5 mm	32,4 mm	M12

Documents

CoC – TCS 3 Beam Clamp

FM Approval - Sikla Beam Clamps TCS