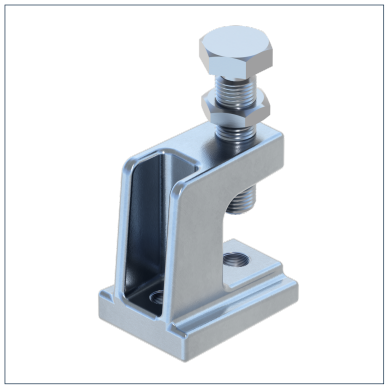
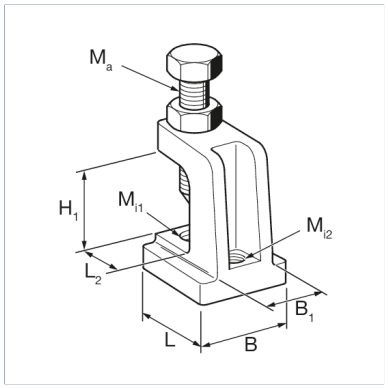
Beam Clamp TCS 1 A4





General Information

Heavy-duty connection element, which in combination with grub screws (M8 or M10), 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 element, for installing crossbars and for fixing cantilever structures. Due to their special base profile, Beam Clamps TCS can also be slid along and retained in the opening of Sikla Channels MS 41.

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.
Clamping range on parallel flange: 26 mm
Advice: Read relevant mounting instructions before installation!

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	Stainless Steel A4
Corrosion protection class	CRC II – III (C4 – C5 acc. to DIN EN ISO 12944-2)

Forces

Type	-V{Z,perm.}
TCS 1 M10/M 8 A4	5.00 kN
TCS 1 M10/M12 A4	5.00 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 1 M10/M 8 A4	26.00 mm	M8/M10	0.231 kg/pcs.	50 pcs.	170231
TCS 1 M10/M12 A4	26.00 mm	M10/M12	0.222 kg/pcs.	50 pcs.	110766

Dimensions

Type	B	B1	H1	L	L2	Ma	Mi1	Mi2
TCS 1 M10/M 8 A4	33 mm	21.5 mm	26.2 mm	44 mm	23 mm	M10	M10	M8

Beam Clamp TCS 1 A4

Type	B	B1	H1	L	L2	Ma	Mi1	Mi2
TCS 1 M10/M12 A4	33 mm	21.5 mm	26.2 mm	44 mm	23 mm	M10	M10	M12

Certification