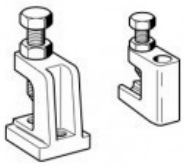
BEAM CLAMP TCS



APPLICATION

Heavy-duty connection element which, in combination with grub screws (M8 up to M16), are suitable for mounting pipes, ducts and equipments to steel beams (I-, T-, U-and angle steel beams).

The combination with a Universal Joint 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, TCS 1 Beam Clamps can also be slid along and retained in the opening of Channels of the 41 series.

SCOPE OF DELIVERY

Pre-assembled with clamping bolt and locking nut.

INSTALLATION

Tighten the clamping bolt of the Beam Clamp first by hand, then tighten down with a spanner according to the mounting structures. 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.

For installation near a cutting edge of a channel, an additional Holding Bracket 41 has to be mounted.

Note: Respect relevant mounting instructions!

For FM-construction use thread ≥ M10 only!

TECHNICAL DATA

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

Working load: Type TCS 0: 3.5 kN

Type TCS 1: 5.0 kN

Type TCS 2: 8.5 kN

Material: Body in cast-iron, electro-galvanised and clamping bolts in steel, class 8.8., electro-galvanised.

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Type	Connection[fore/aft]	Clamping range onparallel flange [mm]
TCS 0 LC	ø 10.5	18
TCS 0 M8/M8	M8/ M8	22
TCS 0 M8/M10	M8/M10	22
TCS 1 M10/M8	M10/M 8	26
TCS 1 M10/M10	M10/M10	26
TCS 1 M10/M12	M10/M12	26
TCS 2 M12/M12	M12/M12	26
TCS 2 M12/M16	M12/M16	26

APPROVALS

Approved and accepted by VdS and FM for use with stationary fire extinguishing systems.

TCS O LC Approval: G4950065 and G4950066 (erected mounting with M10 up to a maximum height hmax = 150 mm and up DN 50 only). For further types and different application fields: G4820023; G4830054; G4800039/ ...45; G4990027.

Codice	Nome	Peso	Numero di pezzi
156648	TCS 0 LC Ø10,5	0.11	50
178283	TCS 0 M8/M 8	0.14	50
174206	TCS 0 M10/M8	0.14	50
116770	TCS IM10/M 8	0.21	50
116150	TCS IM10/M10	0.21	50
167332	TCS IM10/M12	0.22	50
174224	TCS II M12/M12	0.28	25
174215	TCS II M12/M16	0.27	25