



Universal Beam Clamp

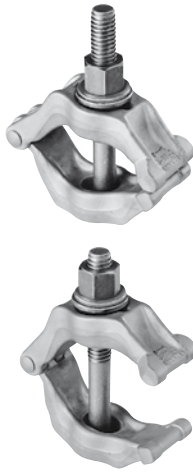
Innovation in Detail



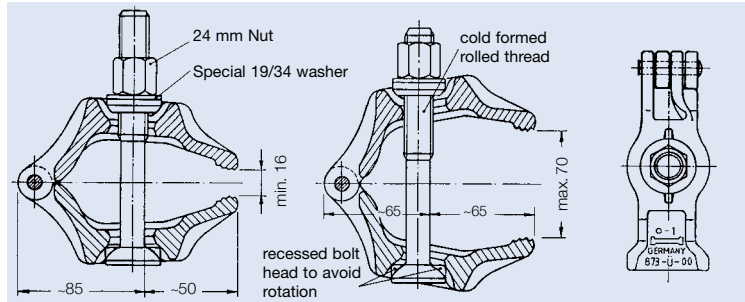
- instead of two different sizes of clamps we now only require one light forged beam clamp with an adjustment range of 16 mm to 70 mm max.
- robust and low-maintenance thread
- 2 bearing points at each jaw prevent twisting whilst bolt is being tightened and also give a defined transfer of load
- clamping on inclined beam flanges is also possible
- clamp weight is only 1.77 kg

technical data

permissible frictional resistance F one friction surface ¹⁾ two friction surfaces ²⁾	3 kN 4,5 kN
maximum number of working clamps in a line	5 No.
pre-stressing force	55 kN
tightening torque	150 Nm
clamp adjustment	16-70 mm
weight	1,77 kg



A minimum of 2 No. beam clamps are required at each connection.



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Allgemeine bauaufsichtliche Zulassung

Zulassungsnummer: Z-8.34-873

Antragsteller: FRIEDR. ISCHEBECK GMBH
Loher Straße 51-69
58256 Ennepetal

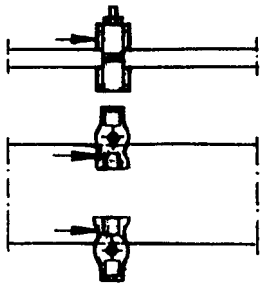
Zulassungsgegenstand: Trägerklemme "TITAN"

Geltungsdauer bis: 31. Mai 2006

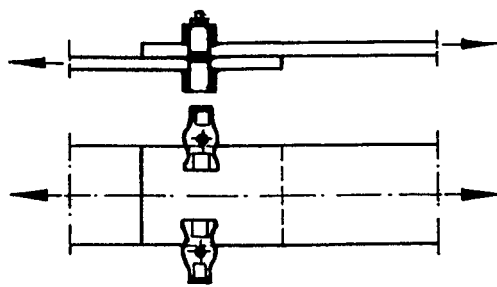
Der oben genannte Zulassungsgegenstand wird hiermit allgemein bauaufsichtlich zugelassen. Diese allgemeine bauaufsichtliche Zulassung umfasst sieben Seiten und fünf Anlagen.



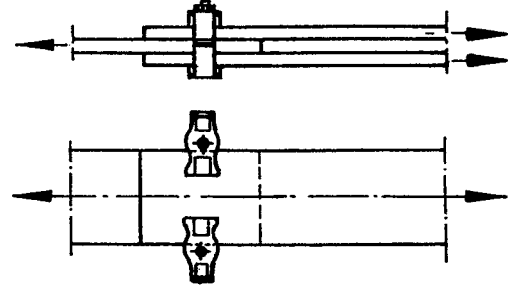
possible friction surface situations



Slide block



¹⁾ **One friction surface only** between components connected with 2 No. clamps, Permissible frictional resistance per clamp, F = 3,0 kN
Total Frictional Resistance = 2 x 3,0 = 6,0kN



²⁾ **Two friction surfaces** between components connected with 2 No. clamps, Permissible frictional resistance per clamp, F = 4,5kN, Total Frictional Resistance = 2 x 4,5 = 9,0kN



Allow for regular transmission of forces if beams are crossing at right angles and all bearing points of the jaws are in use

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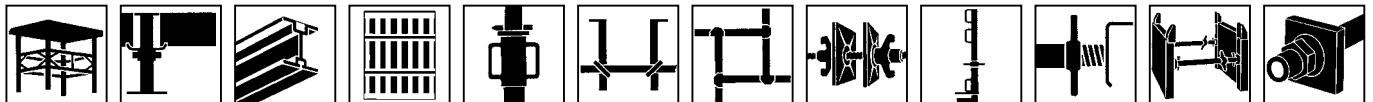


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