

Technical Data

Material:

Pipe joint Connection: Malleable cast iron GTS-35-10 acc. DIN 1692
Binding screw: Caseharding steel, organic zinc

Scope/requirements:

The permissible loads are based on tensile and bending tests with steel tube, with a minimum wall thickness 3,2 mm.

Starting torque of the set screw: 40 Nm

Safety factor: 2,0

Safety notes:

The permissible working load of the set screws, fixings and building materials must be considered when selecting the type of mounting for the flanges of guard railings.

Due to dynamic load influences screwed connections may loosen. The tight fit of all screw connections must be checked at regular intervals and tightened up if necessary. The interval depends on the respective use and must be laid down by the operator.

The permissible tensile loads are differentiated between straight attachment of the tube with one and/or two set screws and with diagonal attachment of the tube.

The following abbreviations are used in the table:

1 set screw, straight gripping of the tube:	1 ss-str-g-t.
2 set screws, straight gripping of the tube	2 ss-str-g-t.
Diagonal gripping of the tube:	diag.-g-t.