



T-Head Bolt TBO HZ 41

Group: 1311

Application

Suitable for Channels MS 41.

Scope of delivery

With washer and nut (supplied loose).

Technical Data

Type	Tightening moment M_{dmax} [Nm]	Permissible load (tension) [kN]	Permissible axial load in combination with serrated channels ¹⁾ [kN]	Permissible bending moment ²⁾ [Nm]
HZ 41 M8	10.0	5.8	1.5	5.0
HZ 41 M10	18.0	9.3	2.5	10.0
HZ 41 M12	32.0	10.0	3.0	17.5
HZ 41 M16	79.0	10.0	3.0	44.5

- ¹⁾ The values indicated refer to the point of application of force being near the top edge of the channel. In cases where tension and lateral tension are encountered, the resultant total load may not be greater than the values given.
- ²⁾ The effective bending moment may not exceed the permissible maximum torsional moment of the channel.

Material:

Head: Steel, electro-galvanised

Bolt: Steel class 4.6, electro-galvanised

Type	Length L [mm]	Available length of thread [mm]	W [kg]	Quantity [pack]	Part number
HZ 41 M 8 x 15	20	15	0.08	50	151953
HZ 41 M 8 x 20	25	20	0.08	50	151962
HZ 41 M 8 x 25	30	25	0.08	50	151971
HZ 41 M 8 x 35	40	35	0.08	50	151980
HZ 41 M 8 x 55	60	55	0.08	50	151999
HZ 41 M 8 x 75	80	75	0.09	50	152006
HZ 41 M 8 x 95	100	95	0.10	50	152015
HZ 41 M 10 x 15	20	15	0.08	50	152024
HZ 41 M 10 x 20	25	20	0.09	50	152033
HZ 41 M 10 x 25	30	25	0.09	50	152042
HZ 41 M 10 x 35	40	35	0.09	50	152051
HZ 41 M 10 x 55	60	55	0.10	50	152060
HZ 41 M 10 x 75	80	75	0.11	50	152079
HZ 41 M 10 x 95	100	95	0.12	50	152088
HZ 41 M 12 x 20	25	20	0.12	50	152167
HZ 41 M 12 x 25	30	25	0.13	50	152176
HZ 41 M 12 x 35	40	35	0.14	50	152185
HZ 41 M 12 x 55	60	55	0.15	50	152194
HZ 41 M 12 x 75	80	75	0.16	50	152200
HZ 41 M 12 x 95	100	95	0.18	50	152219
HZ 41 M 16 x 25	30	25	0.15	50	152228
HZ 41 M 16 x 35	40	35	0.17	50	152237
HZ 41 M 16 x 55	60	55	0.19	50	152246
HZ 41 M 16 x 75	80	75	0.22	50	152255
HZ 41 M 16 x 95	100	95	0.24	50	152264