

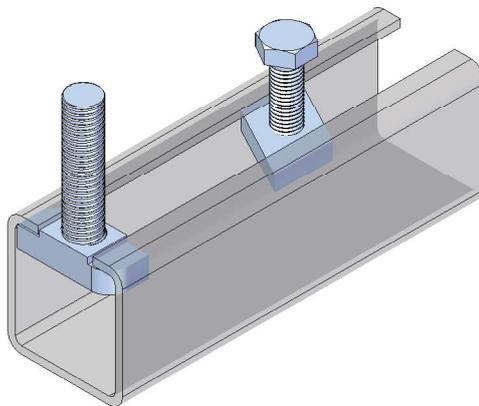
HTB T Head Bolts & HMLN Lock Nuts - Product Details

HTBT bolts and HMLN lock nuts for attachments in to HMP channels are specially designed for a perfect fit into the section of the channels. Insertion is made and after a 90 degree turn clockwise the fixing is made. Correct torque values must be applied in order to achieve secure connections.

T bolts and lock nuts are available in stainless steel 1.4401 and hot dip galvanised steel strength class 4.6 & 8.8.



Metric Size	Loading Table for T Head Bolts (kN)													Max Torque Loads (Nm)			
	Grade	4.6 Class Steel			8.8 Class Steel			Stainless Steel W 1.4401/A4-50			Stainless Steel W 1.4401/A4-70			4.6 Class Steel	8.8 Class Steel	W 1.4401 / A4 - 50	W 1.4401 / A4 - 70
		Loads	Tensile & Shear	Bending Moment	Longitudi- nal Load	Tensile & Shear	Bending Moment	Longitudi- nal Load	Tensile & Shear	Bending Moment	Longitudi- nal Load	Tensile & Shear	Bending Moment	Longitudi- nal Load			
M6	all.F	2.2	2.0	0.10	-	-	-	2.2	1.8	0.1	3.0	3.8	0.1	3	-	3	4
M8	all.F	4.0	5.0	0.20	-	-	-	4.0	4.4	0.2	5.5	9.4	0.3	8	-	8	10
M10	all.F	6.4	10.0	0.30	13.3	24.9	1.1	6.4	8.7	0.3	8.7	18.7	0.4	15	48	15	20
M12	all.F	9.3	17.5	0.50	19.4	43.7	1.6	9.3	15.3	0.5	12.6	32.8	0.7	25	70	25	35
M16	all.F	17.3	44.4	0.90	36.1	110.0	3.0	17.3	38.8	0.9	23.6	83.3	1.2	60	200	60	80
M20	all.F	27.0	86.5	1.40	56.4	216.4	4.7	27.0	75.7	1.4	36.8	163.3	1.9	120	400	120	160



HTB T bolts and HMLN Lock nuts are fixed on to HMP channels at desired positions along the length of the channels and are fixed by turning 90 degrees.

Allowable Loads For Locknuts	
Lock Nut Type	Tensile (kN)
HMLN-28-6	1,9
HMLN-28-8	2,8
HMLN-28-10	3,0
HMLN-38-8	4,0
HMLN-38-10	4,1
HMLN-38-12	5,7
HMLN-41-6	4,0
HMLN-41-8	4,0
HMLN-41-10	6,4
HMLN-41-12	9,3
HMLN-40-8	4,0
HMLN-40-10	6,4
HMLN-40-12	9,3
HMLN-50-10	6,4
HMLN-50-12	9,3
HMLN-50-16	9,3

Lock Nut Type	Shear (kN)
HMLN-41-6	2,2
HMLN-41-8	4,0
HMLN-41-10	5,0
HMLN-41-12	5,0

