

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length single/pc m	total m	Weight kg/pc	total kg	Surface to be painted m ² /pc	to be total m ²	Total weight (finished) Galvanized kg	Remarks
T-6	Plate 230/140/10	4	2 holes ϕ 21mm 2 holes ϕ 25mm thickness = 10 mm	-	-	2.06	8.24	0.06	0.24	8.39	
T-7	a Channel ISMC 75-1770	4	4 holes ϕ 21mm	1770	7.08	11.99	47.96	0.55	2.20	49.30	Part no T-7 (a,b) rods to be bent and welded to channels as shown in the detail.
	b Rod ϕ 16mm l = 2808	4	For the Bending of rod refer to detail 1:10	2808	11.23	4.44	17.76	0.14	0.56	18.10	
T-8	Angle 50/50/6 l = 680	4	2 holes ϕ 16.5mm thickness = 6 mm	680	2.72	3.06	12.24	0.14	0.56	12.58	
T-9	Plate 205/75/8	8	3 holes ϕ 25mm thickness = 8 mm	-	-	0.87	6.96	0.03	0.24	7.11	Use as filler plate between Saddle and Top Element of Tower
T-10	Friction grip bolt M 24 x 65 IS 3757-8.8	50	Thread M 24	-	-	0.45	22.50	Apply oil only		2 pcs. extra Ref: IS 3757 - 1972	
T-11	Friction grip nut M 24 IS 6623-8	50	Thread M 24	-	-	0.16	8.00	Apply oil only		2 pcs. extra Ref: IS 6623 - 1972	
T-12	Washer 'A' 25 IS 6649	50	To be marked F.G.	-	-	0.03	1.50	Apply oil only		2 pcs. extra Ref: IS 6649 - 1972	

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length single/pc total mm	Weight kg / pc total kg	Surface to be painted m ² / pc total m ²	Total weight (finished) Galvanized kg	Remarks			
T-13	Plate 280/100/8	8	4 holes ϕ 21mm thickness = 8 mm	—	—	1.67	13.36	0.06	0.48	13.65	
T-14	Angle 50/50/6 ℓ = 575	8	2 holes ϕ 16.5mm thickness = 6 mm	575	4.60	2.59	20.72	0.11	0.88	21.26	
T-15	Angle 50/50/6 ℓ = 800	12	2 holes ϕ 16.5mm thickness = 6 mm	800	9.60	3.60	43.20	0.16	1.92	44.37	
T-16	Friction grip bolt M 20 x 60 IS 3757-8.8	63	Thread M 20	—	—	0.23	14.49	Apply oil only		3 pcs. extra Ref: IS 3757-1972	
T-17	Friction grip nut M 20 IS 6623-8	63	Thread M 20	—	—	0.079	4.98	Apply oil only		3 pcs. extra Ref: IS 6623-1972	
T-18	Washer 'A' 21 IS 6649	63	To be marked F. G.	—	—	0.021	1.32	Apply oil only		3 pcs. extra Ref: IS 6649-1972	
T-19	Friction grip bolt M 16 x 50 IS 3757-8.8	34	Thread M 16	—	—	0.12	4.08	Apply oil only		2 pcs. extra Ref: IS 3757-1972	
T-20	Friction grip nut M 16 IS 6623-8	34	Thread M 16	—	—	0.047	1.60	Apply oil only		2 pcs. extra Ref: IS 6623-1972	
T-21	Washer 'A' 17 IS 6649	34	To be marked F. G.	—	—	0.014	0.48	Apply oil only		2 pcs. extra Ref: IS 6649-1972	
T-22	Plate 205/ 75 / 2	8	3 holes ϕ 25mm thickness = 2 mm	—	—	0.22	1.76	0.03	0.24	1.91	Use as filler plate between Saddle and Top Element of Tower.
TOTAL (T-1 to T-22)				549.77 kg		17.32 m ²	501.38kg				

Steel parts to be Galvanized :	490.82 kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel Parts to be painted :	17.32 m ²	Weight of Zinc Coat : 0.61 kg / m ²

TRANSPORT UNIT	
Weight of part T-3 =	41.22 kg
Weight of part T-7 =	33.70 kg