

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length		Weight		Surface to be painted		Total weight (finished) Galvanized: kg	Remarks
				single/pc mm	total m	kg / pc	total kg	m ² / pc	total m ²		
T-1	Angle 100/100/10 ℓ = 1285	8		1285	10.28	18.71	149.68	0.51	4.08	152.17	
T-2	Plate 480 / 430 / 10	4		1	1	15.81	63.24	0.42	1.68	64.26	
T-3	a Channel ISMC 75-2225	4		2225	8.90	15.08	60.32	0.69	2.76	62.00	Part no T-3 (a,b) to be welded together as shown in detail.
	b Rod ϕ 16mm ℓ = 3173	4	For the Bending of rod refer to detail 1:10	3173	12.69	5.01	20.04	0.16	0.64	20.43	
T-4	Plate 320/150/10	2		1	1	3.55	7.10	0.10	0.20	7.22	
T-5	Plate 280 / 70 / 8	16		1	1	1.14	18.24	0.04	0.64	18.63	

- 1) To obtain uniformity, use of templates and jigs is mandatory for holing bending and welding of assembly.
- 2) All parts or bundles and packages with identical parts have to be labelled or marked with the respective part number by the workshop.
- 3) "Friction grip bolt, nuts and washers" are mentioned in this drawing. However "Galvanized black grade hexagonal bolts and nuts (IS 1363, property class 4.6) and washers (IS 6610)" can be supplied.

Serial number	Item	Total weight (kg)
1	Structural steel	490.82
2	Screws, bolts, nuts, washers	58.95
Total 1 + 2		549.77

TOTAL TRANSPORTATION WEIGHT : 560.34 kg	
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MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard	
Bridge No:	Name:
Span:	
Working & Assembly Drawing :	
Tower Top Element	
Standard section : 450 x 750 mm	
Effective height : 1285 mm	
Angle : 100/100/10 mm	
Units :	1 Unit = Steelparts for one Tower
Date: August 2004	Drawing No. 127