

STEELPART LIST

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length single/pc mm	total m	Weight kg / pc	total kg	Surface to be painted m ² / pc	total m ²	Total weight (finished) Galvanized kg	Remarks
I-1	Angle 110/110/12 ℓ = 2496	8		2496	19.97	48.42	387.36	1.10	8.80	392.73	
I-2	Plate 480/430/10	4		—	—	15.81	63.24	0.42	1.68	64.26	
I-3 a	Channel 75/40 (I S Medium) ℓ = 2225	8		2225	17.80	15.08	120.64	0.69	5.52	124.01	Part no I-3 (a,b) to be welded together as shown in detail.
I-3 b	Rod ø 16 ℓ = 3564	8	For the Bending of rod refer to detail I-10	3564	28.52	5.63	45.04	0.18	1.44	45.92	
I-4	Plate 320/220/10	2		—	—	5.31	10.62	0.15	0.30	10.80	
I-5	Plate 280/70/8	16		—	—	1.14	18.24	0.04	0.64	18.63	
I-6	Plate 280/100/8	8		—	—	1.67	13.36	0.06	0.48	13.65	
I-7	Angle 50/50/6 ℓ = 575	20		575	11.50	2.59	51.80	0.11	2.20	53.14	
I-8	Angle 50/50/6 ℓ = 925	24		925	22.20	4.16	99.84	0.17	4.08	102.33	
I-9	Friction grip bolt M 20 x 60 IS 3757 - 8.8	93		—	—	0.23	21.39	Apply oil only			5 pcs. extra Ref: IS 3757-1972
I-10	Friction grip nut M 20 IS 6623-8	93		—	—	0.079	7.35	Apply oil only			5 pcs. extra Ref: IS 6623-1972
I-11	Friction grip bolt M 16 x 50 IS 3757 - 8.8	60		—	—	0.12	7.20	Apply oil only			4 pcs. extra Ref: IS 3757-1972
I-12	Friction grip nut M 16 IS 6623-8	60		—	—	0.047	2.82	Apply oil only			4 pcs. extra Ref: IS 6623-1972
I-13	Washer 'A' 17 IS 6649	60		—	—	0.014	0.84	Apply oil only			4 pcs. extra Ref: IS 6649-1972
I-14	Washer 'A' 21 IS 6649	93		—	—	0.021	1.95	Apply oil only			5 pcs. extra Ref: IS 6649-1972
TOTAL (I-1 to I-14)				851.69		kg	25.14 m ²	825.47 kg			

Steel parts to be Galvanized : 814.14 kg
Steel parts to be Painted : 25.14 m²

Hot Dip Galvanization : IS 2629, IS 2633
Weight of Zinc Coat : 0.61 kg / m²

TRANSPORT UNIT

Weight of part I-3 = 42.48 kg