

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length Single/pc m	total m	Weight kg/pc	total kg	Surface to be m ² /pc painted	total m ²	Total weight (finished) Galvanized kg	Remarks
I-1	a Angle 80 / 80 / 8 ℓ = 1850	16		1850	29.60	17.49	279.84	0.59	9.44	285.60	ø 16 rod to be bent as shown. Part no I-1 (a,b) to be welded together as shown in welding detail.
	b Rod 16 mm ø ℓ = 2414	8		2414	19.31	3.81	30.48	0.12	0.96	31.07	
I-2	Angle 50 / 50 / 6 ℓ = 620	40		620	24.80	2.79	111.60	0.12	4.80	114.53	
I-3	a Rod 16 mm ø ℓ = 4520	4		4670	18.68	7.37	29.48	0.23	0.92	30.04	ø 16 rod to be bent as shown. Part no I-3 (a,b) to be welded together as shown in welding detail.
	b Angle 65 / 65 / 6 ℓ = 2455	8		2455	19.64	14.12	112.96	0.61	4.88	115.94	
I-4	Angle 100 / 100 / 8 ℓ = 440	8		440	3.52	5.10	40.80	0.18	1.44	41.68	
I-5	Plate 380 / 380 / 8	4		-	-	8.79	35.16	0.29	1.16	35.87	

I-6	Plate 240/240/8	2		-	-	3.51	7.02	0.12	0.24	7.17	
I-7	Plate 290/80/8	8		-	-	1.37	10.96	0.05	0.40	11.20	
I-8	Friction grip bolt M 20 x 60 IS 3757-8.8	135		-	-	0.23	31.05	Apply oil only			7 pcs. extra Ref: IS 3757-1972
I-9	Friction grip nut M 20 IS 6623-8	135		-	-	0.079	10.67	Apply oil only			7 pcs. extra Ref: IS 6623-1972
I-10	Washer 'A' 21 IS 6649	135		-	-	0.021	2.84	Apply oil only			7 pcs. extra Ref: IS 6649-1972
I-11	Friction grip bolt M 16 x 50 IS 3757-8.8	110		-	-	0.12	13.20	Apply oil only			6 pcs. extra Ref: IS 3757-1972
I-12	Friction grip nut M 16 IS 6623-8	110		-	-	0.047	5.17	Apply oil only			6 pcs. extra Ref: IS 6623-1972
I-13	Washer 'A' 17 IS 6649	110		-	-	0.014	1.54	Apply oil only			6 pcs. extra Ref: IS 6649-1972
TOTAL (I-1 to I-13) =				722.77 kg		24.24 m ²	67310kg				

Steel parts to be Galvanized :	658.30 kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel parts to be Painted :	24.24 m ²	Weight of Zinc Coat : 0.61 kg / m ²

TRANSPORT UNIT
Weight of part I-1 = 39.58 kg
Weight of part I-3 = 36.50 kg