

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		
9	Flat 100/10 ℓ = 1700	32		1700	54.40	13.20	422.40	-	-	-	
10	Angle 50/50/6 ℓ = 1500	2		1500	3.00	6.71	13.42	-	-	-	
11	Angle 50/50/6 ℓ = 2170	2		2170	4.34	9.31	18.62	-	-	-	
12	Angle 50/50/6 ℓ = 1980	2		1980	3.96	8.86	17.72	-	-	-	
13	Hexagonal nut M 45	25	This part is identical part no. 14	-	-	0.77	19.25	-	-	-	1 pc. extra.
14	Hexagonal bolt M 12 x 40 IS 1363	130		-	-	0.049	6.37	Galvanized			6 pcs. extra. Ref: IS 1363-1967
15	Hexagonal bolt M 16 x 60 IS 1363	200		-	-	0.12	24.00	Galvanized			8 pcs. extra. Ref: IS 1363-1967
16	Hexagonal nut M12 IS 1363	130		-	-	0.018	2.34	Galvanized			6 pcs. extra. Ref: IS 1363-1967
17	Hexagonal nut M16 IS 1363	200		-	-	0.032	6.40	Galvanized			8 pcs. extra. Ref: IS 1363-1967
18	Plain washer φ 17 thickness = 4	200		-	-	0.015	3.00	Galvanized			8 pcs. extra.
19	Rod φ 25 ℓ = 2650	2		2650	5.30	10.20	20.40	0.04 (Partly painted)	0.08	20.66	Used for fixing Tirfor Machine during erection.
TOTAL (1 - 19) =						1402.80 kg	11.28 m ²	616.61 kg			

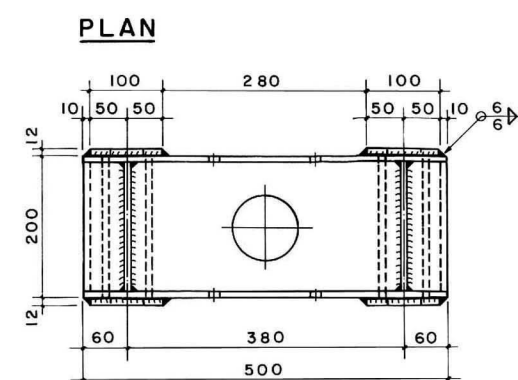
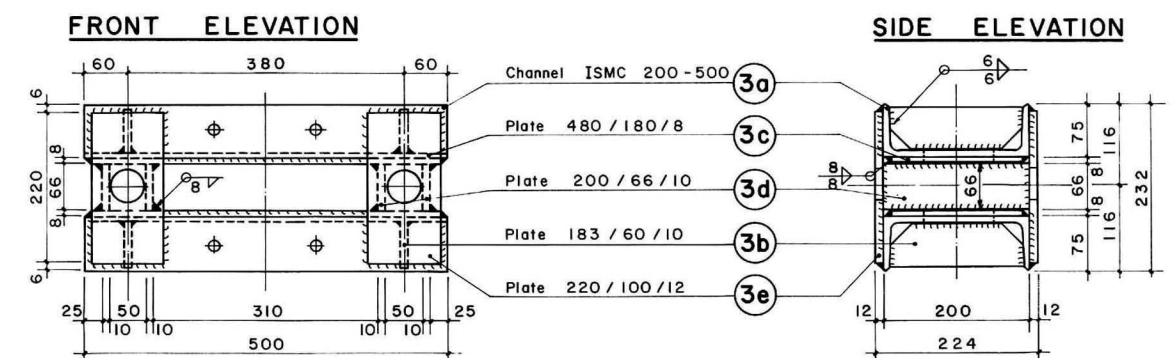
ONLY WHEN REQUIRED	20	Rod φ 25 ℓ = 175		Extra length for hook = 250 Weight = 3.85 kg/m	-	-	-	-	-	Ribbed for steel Cold bending required.
	21	Plate 240 / 220 / 16		Plate bolted to part 3a when cable end is socketed 1 hole φ 43, 4 holes φ 17 When this plate is used for socketed cable end, part no. 4 and 5 are not necessary.	-	-	6.34	0.12	-	Weight(finished) Galvanized (0.61 kg/m ² Surface area + Wt. of steel) kg
	22	Hexagonal bolt M 16 x 60 IS 1363	Identical to part no. 15	-	-	0.12	-	Galvanized	-	Ref: IS 1363-1967
	23	Plain washer φ 17 thickness = 4	Identical to part no. 18	-	-	0.015	-	Galvanized	-	
	24	Hexagonal nut M 16 IS 1363	Identical to part no. 17	-	-	0.032	-	Galvanized	-	Ref: IS 1363-1967
	25	Taper washer φ 18 IS 5372	Taper washer nominal hole size φ 18 as per ISI	-	-	0.035	-	Galvanized	-	Ref: IS 5372-1975
	26	Flat 100/10 ℓ = 1545		1545	-	11.91	-	-	-	Use for extending the length of part no. 9. (Deadman anchorage)
	27	Mortar container Sheet t = 0.5		1400	-	0.21	-	-	-	Two units per anchor bar (20)
TOTAL (20 - 27) =						kg	m ²	kg		

28	Open thimble	4	Thimble to ISI standard for cable φ mm	-	-	*	Galvanized	-	Ref: IS 2315-1978
29	Bulldog grip	*	M.S. forged bulldog grip to ISI standard for cable φ mm	-	-	*	Galvanized	-	Ref: IS 2361-1970
GRAND TOTAL =						kg	m ²	kg	

Steel parts to be Galvanized :	594.24 kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel parts to be painted :	11.28 m ²	Weight of Zinc Coat : 0.61 kg / m ²

* Cable φ mm	Bulldog for one cable	grips Thimble B. grip	Weight (kg/pc)
32	6	0.75	1.10
36	7	2.75	1.85
40	8	3.20	2.40

WELDING DETAIL OF PART 3



WELDING DETAIL OF PART 6

