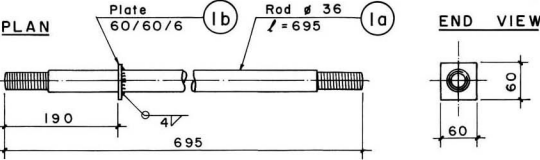


Part no.	Section (mm)	Quantity	Working Drawing	Length		Weight		Surface to be painted		Total weight (finished) Galvanized kg	Remarks
				Single/pc mm	total m	kg/pc	total kg	m ² /pc	total m ²		
8	Angle 40/40/6 ℓ = 494	2	(Dimension in mm) Cut off the flange 11 holes ϕ 13	494	0.99	1.64	3.28	—	—	—	
9	Rod ϕ 20 ℓ = 1963	1	R=15 (inside) R=40 R=40 180 Surface to be painted 800 140 135 135 270 The rod to be bent to form the hook as shown.	1963	1.96	4.91	4.91	0.02 (partly painted)	0.02	4.93	Used as erection hook (for tirtor machine)
10	Hexagonal nut M 33	11	Thread M33 39.211 26 50 THREAD DATA Major Dia. = 33.000 Minor Dia. = 29.211 Pitch = 3.5	26	0.29	0.29	3.19	Galvanized			1 pc. extra.
11	Hexagonal screw M 12 x 40 IS 1363	5	Thread M12 40	—	—	0.049	0.25	Galvanized			1 pc. extra. Ref: IS 1363-1967
12	Hexagonal nut M12 IS 1363	9	Thread M12	—	—	0.018	0.16	Galvanized			1 pc. extra. Ref: IS 1363-1967
13	Open thimble	1	Thimble to ISI standard for cable ϕ 32mm	—	—	1.85	1.85	Galvanized			Ref: IS 2315 - 1978
14	Bulldog grip	6	M.S. forged bulldog grip to ISI standard for cable ϕ 32mm	—	—	1.30	7.30	Galvanized			Ref: IS 2361 - 1970
TOTAL (1-14) For standard anchorage length =				94.52 kg	0.07 m ²	94.85 kg					

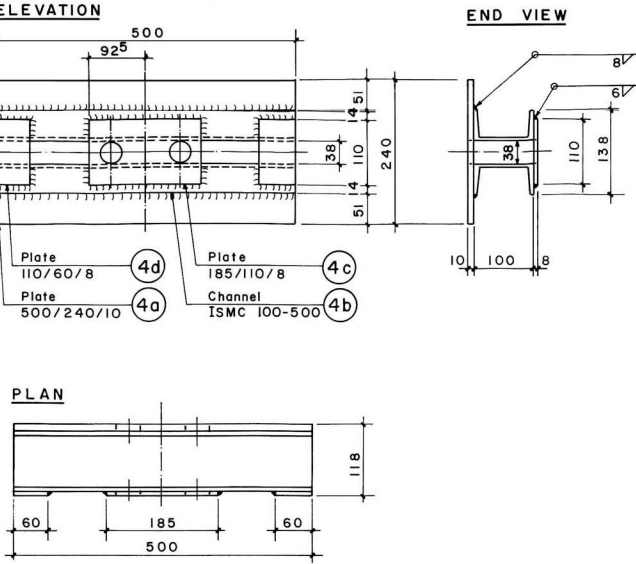
ONLY WHEN REQUIRED	Extended length	15	Rod ϕ 36 ℓ = 695	2	This part is identical to part no. 1a	695	1.39	5.25	10.50	—	—	—	Weight of one welded unit = 2.83 kg. Part nos. 16(a-b) to be welded together as shown in welding detail for part no. 3
		a	Rod ϕ 63 ℓ = 150	2	This part is identical to part no. 3a	150	0.30	2.76	5.52	—	—	—	
		b	Rod ϕ 10 ℓ = 160	2	This part is identical to part no. 3b	160	0.32	0.07	0.14	—	—	—	
	TOTAL (1-16) For extended anchorage length =												110.68 kg 0.07 m ² 39.75 kg
For rock anchorage	17	Rod ϕ 25											Difficult part for transportation. Ribbed for steel. Cold bending required
	18	Sheet 1400 / 39 / 0.5				1400	0.21						Mortar container for part 17. Two units per anchor bar (17)
TOTAL (1-14) + 17 + 18 For rock anchorage =												kg 0.07 m ² 39.75 kg	

Steel parts to be Galvanized :	39.42 Kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel parts to be Painted :	0.07 m ²	Weight of Zinc Coat : 0.61 kg / m ²

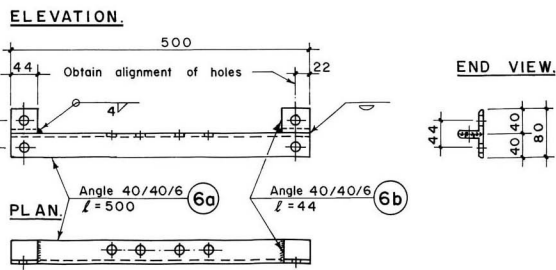
WELDING DETAIL OF PART NO. 1



WELDING DETAIL OF PART NO. 4



WELDING DETAIL OF PART NO. 6



WELDING DETAIL OF PART NO. 3

