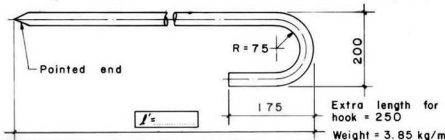
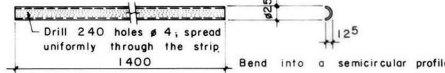


Part no.	Section (mm)	Quantity	Working Drawing	(Dimension in mm)	Length Single/pc total m	Weight kg/pc total kg	Surface to be painted m ² /pc total m ²	Total weight (finished) Galvanized kg	Remarks		
1	a Rod ϕ 36 $f=695$	8		THREAD DATA: Major Dia=33.000 Minor Dia=28.706 Pitch = 3.5	695	5.56	5.25	42.00	—	Weight of one welded unit = 5.37 kg	
	b Plate 60/60/6	8		1 hole ϕ 38 thickness = 6	—	—	0.12	0.96	—	Part nos. 1(a-b) to be welded together as shown in welding detail.	
2	Rod ϕ 36 $f=2045$	4		THREAD DATA: Major Dia=33.000 Minor Dia=28.706 Pitch = 3.5	2045	8.18	14.92	59.68	—	60.24	
3	a Rod ϕ 63 $f=150$	8		THREAD DATA: Major Dia=33.000 Minor Dia=29.211 Pitch = 3.5	150	1.20	2.76	22.08	—	Weight of one welded unit = 2.83 kg	
	b Rod ϕ 10 $f=160$	8		—	160	1.28	0.07	0.56	—	Part nos. 3(a-b) to be welded together as shown in welding detail.	
4	a Plate 500/240/10	2		2 holes ϕ 38 thickness = 10	—	—	9.24	18.48	—	—	
	b Channel ISMC 100-500	4		—	500	2.00	4.60	18.40	—	—	
	c Plate 185/110/8	2		2 holes ϕ 38 thickness = 8	—	—	1.14	2.28	—	Weight of one welded unit = 20.40 kg	
	d Plate 110/60/8	4		thickness = 8	—	—	0.41	1.64	—	Part nos. 4(a-d) to be welded together as shown in welding detail.	
5	Rod ϕ 80 $f=185$	2		2 holes ϕ 34	185	0.37	4.67	9.34	0.05	0.10	9.40
6	a Angle 50/50/6 $f=900$	1		11 holes ϕ 13	900	0.90	3.99	3.99	—	—	—
	b Angle 50/50/6 $f=44$	2		1 hole ϕ 13	44	0.09	0.19	0.38	—	—	Weight of one welded unit = 4.37 kg Part nos. 6(a-b) to be welded together as shown in welding detail.

Steel parts to be Galvanized :	73.93 kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel parts to be Painted :	0.12 m ²	Weight of Zinc Coat : 0.61 kg / m ²

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	to be painted total m ²	Total weight (finished) Galvanized kg	Remarks
7	Angle 40/40/6 f = 215	2		2 holes ø 13	215	0.43	0.72	1.44	—	—	—	
8	a Angle 50/50/6 f = 740	1		11 holes ø 13	740	0.74	3.27	3.27	—	—	—	Weight of one welded unit = 3.65 kg Part nos. 8(a-b) to be welded together as shown in welding detail.
	b Angle 50/50/6 f = 44	2	This part is identical to part no. 6b			44	0.09	0.19	0.38	—	—	—
9	Angle 40/40/6 f = 735	2		16 holes ø 13	735	1.47	2.45	4.90	—	—	—	
10	Rod ø 12 f = 156	9		Rod to be bent after forming thread as shown.	156	1.40	0.13	1.17	—	—	—	1 pc. extra.
11	Rod ø 20 f = 1963	1		The rod to be bent to form the hook as shown.	1963	1.96	4.91	4.91	0.02 (partly painted)	0.02	4.99	Used as erection hook (for tirth machine)
12	Hexagonal nut M 33	21		THREAD DATA: Major Dia.=33.000 Minor Dia.=29.211 Pitch = 3.5	26	0.55	0.29	6.09	Galvanized	—	—	1 pc. extra.
13	Hexagonal screw M 12 x 40 IS 1363	9		Thread M12	—	—	0.049	0.44	Galvanized	—	—	1 pc. extra. Ref: IS 1363-1967
14	Hexagonal nut M 12 IS 1363	25		Thread M12	—	—	0.018	0.45	Galvanized	—	—	1 pc. extra. Ref: IS 1363-1967
15	Open thimble	2	Thimble to ISI standard for cable ø 32 mm			—	—	1.85	3.70	Galvanized	—	Ref: IS 2315-1978
16	Bulldog grip	12	M.S. forged bulldog grip to ISI standard for cable ø 32 mm			—	—	1.30	15.60	Galvanized	—	Ref: IS 2361-1970
TOTAL (1-16) For standard anchorage length:					=	222.14 kg	0.12 m ²	74.63 kg				

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		
17	Rod ϕ 36 $f=695$	4	This part is identical to part no. 1a		695	2.78	5.25	21.00	—	—	—	
18	a Rod ϕ 63 $f=150$	4	This part is identical to part no. 3a		150	0.60	2.76	11.04	—	—	—	Weight of one welded unit = 2.83kg Part nos. 18(a-b) to be welded together as shown in welding detail for part no.3
	b Rod ϕ 10 $f=160$	4	This part is identical to part no. 3b		160	0.64	0.07	0.28	—	—	—	
TOTAL (1-18) For extended anchorage length: = 253.74 kg 0.12 m ²												
19	Rod ϕ 25 $f=$								—	—	—	Difficult part for transportation. Ribbed for steel. Cold bending required.
20	Sheet 1400/39/0.5				1400		0.21		—	—	—	Mortar container for part 19 Two units per anchor bar (19)
TOTAL (1 to 16 + 19 + 20) For rock anchorage:kg 0.12 m ² 74.63kg												

ONLY WHEN REQUIRED