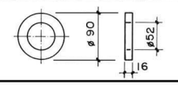
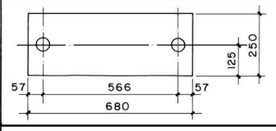
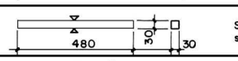
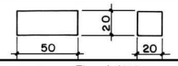
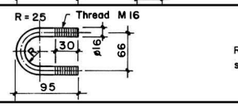
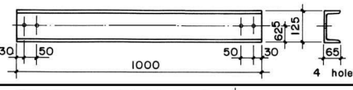
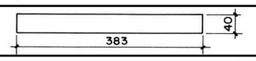
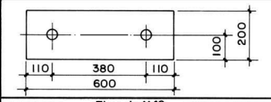
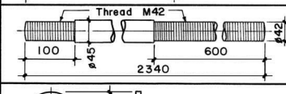
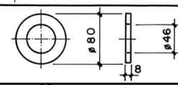
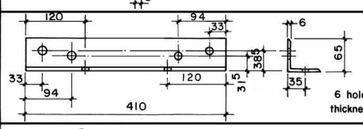
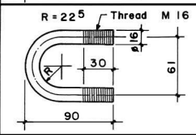
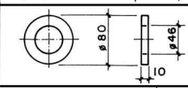
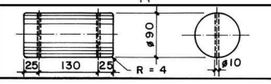
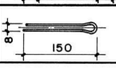
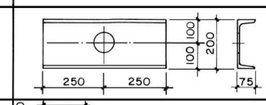
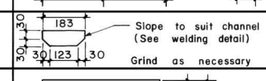
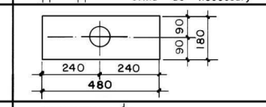
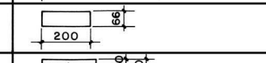
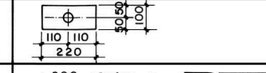
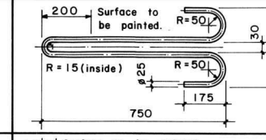
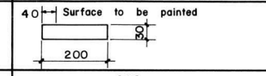
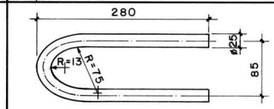
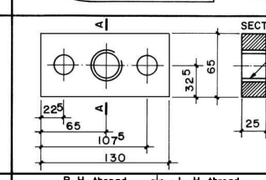
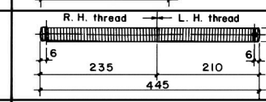
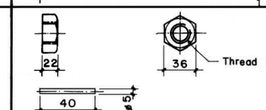
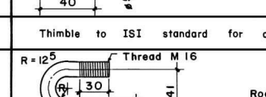
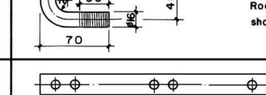
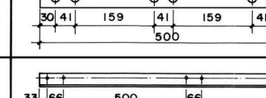
Part no.		Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length Single/pc mm	Length total m	Weight kg/pc	Weight total kg	Surface to be painted m²/pc	Surface to be painted total m²	Total weight (finished) Galvanized kg	Remarks
8		Plate ø 90 thickness = 16	5	 1 hole ø 52 thickness = 16	–	–	0.53	2.65	–	–	2.67	1 pc. extra.
9	a	Plate 680/250/32	2	 2 holes ø 52 thickness = 32	–	–	41.64	83.28	0.39	0.78	83.76	Weight of one -welded unit = 45.19kg. -Galvanized unit = 45.46kg
	b	Plate 480/30/32	2	 Shape or mill on both sides to get thickness = 30	–	–	3.39	6.78	0.04	0.08	6.83	
	c	Square bar 20 ℓ = 50	2		50	0.10	0.16	0.32	–	–	0.33	Part nos. 9 (a-c) to be welded together as shown in welding detail.
10		Rod ø 16 ℓ = 212	5	 Rod to be bent as shown after threading.	–	–	0.32	1.60	–	–	–	1 pc. extra.
11	a	Channel ISMC 125-1000	4	 4 holes ø 17	1000	4.00	12.66	50.64	–	–	–	Weight of one welded unit = 45.08 kg.
	b	Flat 40/6 ℓ = 383	4		383	1.53	0.72	2.88	–	–	–	
	c	Plate 600/200/10	4	 2 holes ø 46 thickness = 10	–	–	9.16	36.64	–	–	–	Part nos. 11 (a-c) to be welded together as shown in welding detail.
12	a	Rod ø 45 ℓ = 2340	4	 THREAD DATA: Major Dia. = 42.000 Minor Dia. = 36.479 Pitch = 4.5	2340	9.36	27.13	108.52	–	–	109.16	Difficult part for transportation. Weight of one -welded unit = 27.34kg. -Galvanized unit = 27.51kg.
	b	Plate ø 80 thickness = 8	4	 1 hole ø 46 thickness = 8	–	–	0.21	0.84	–	–	0.86	Part nos. 12 (a-b) to be welded together as shown in welding detail.
13		Angle 65/65/6 ℓ = 410	4	 6 holes ø 17 thickness = 6	410	1.64	2.35	9.40	–	–	–	
14		Rod ø 16 ℓ = 199	5	 Rod to be bent as shown after threading.	199	1.00	0.30	1.50	–	–	–	1 pc. extra.
15		Hexagonal nut M 42	21	 THREAD DATA: Major Dia. = 42.000 Minor Dia. = 37.129 Pitch = 4.5	–	–	0.65	13.65	Galvanized		1 pc. extra.	
16		Washer ø 46 thickness = 10	5		–	–	0.26	1.30	Galvanized		1 pc. extra.	
17		Rod ø 90 ℓ = 180	2	 2 holes ø 10	180	0.36	8.88	17.76	Apply grease only	17.83		
18		Split pin ø 8 ℓ = 150	5		–	–	0.06	0.30	Bright steel		1 pc. extra.	

Part no.		Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length Single/pc mm	Length total m	Weight kg/pc	Weight total kg	Surface to be painted m²/pc	Surface to be painted total m²	Total weight (finished) Galvanized kg	Remarks
19	a	Channel ISMC 200-500	4	 1 hole ø 90 +0.087 -0.000	500	2.00	10.80	43.20	0.25	1.00	44.05	Weight of one -welded unit = 45.86kg. -Galvanized unit = 46.74kg. Part nos. 19 (a-e) to be welded together as shown in welding detail.
	b	Plate 183/60/10	8	 Slope to suit channel flange (See welding detail) Grind as necessary	–	–	0.79	6.32	0.03	0.24	6.47	
	c	Plate 480/180/8	4	 1 hole ø 90 +0.087 -0.000 Bore after welding to part no 19 a. thickness = 8	–	–	5.03	20.12	0.08	0.32	20.57	
	d	Plate 200/66/10	8	 thickness = 10	–	–	1.04	8.32	0.03	0.24	8.47	
	e	Plate 220/100/12	8	 1 hole ø 47 thickness = 12	–	–	1.72	13.76	0.03	0.24	13.91	
20	a	Rod ø 25 ℓ = 1950	6	 The rod to be bent to form the hook as shown.	1950	11.70	7.51	45.06	0.02 (Partly painted)	0.12	45.62	Weight of one welded unit = 17.01kg. -Galvanized unit = 17.21kg. One right threaded nut tightned to part 20e and welded. Part nos. 20 (a-h) to be assembled together as shown in assembly and welding detail.
	b	Plate 200/30/10	6	 thickness = 10	–	–	0.47	2.82	Negligible		2.88	
	c	Rod ø 25 ℓ = 576	12	 1. No thinning of section during bending allowed. 2. Change of radius of carvature to be gradual.	576	6.91	2.22	26.64	0.05	0.60	27.01	
	d	Plate 130/65/25 Left threaded	6	 SECTION A-A Thread M 24 THREAD DATA: Major Dia. = 24.000 Minor Dia. = 20.752 Pitch = 3 2 holes ø 26 thickness = 25	–	–	1.37	8.22	0.02	0.12	8.29	
		Right threaded	6		–	–	1.37	8.22	0.02	0.12	8.29	
	e	Rod ø 25 ℓ = 445	6	 R.H. thread L.H. thread THREAD DATA: Major Dia. = 24.000 Minor Dia. = 20.320 Pitch = 3 2 holes ø 6 rod ø 25	445	2.67	1.35	8.10	–	–	8.16	
	f	Hexagonal nut M24 Right threaded	12	 THREAD DATA: Major Dia. = 24.000 Minor Dia. = 20.752 Pitch = 3	–	–	0.12	1.44	Galvanized			
		Left threaded	6		–	–	0.12	0.72	Galvanized			
	g	Rod ø 5 ℓ = 40	12		40	4.80	0.01	0.12	–	–	0.13	
	h	Open thimble	6	Thimble to ISI standard for cable ø 13 mm	–	–	0.12	0.72	Galvanized			
21		Rod ø 16 ℓ = 147	13	 Rod to be bent as shown after threading.	147	1.91	0.22	2.86	–	–	–	1 pc. extra.
22		Flat 40/6 ℓ = 500	4	 6 holes ø 17 thickness = 6	500	2.00	0.88	3.52	–	–	–	
23		Angle 50/50/6 ℓ = 1365	2	 6 holes ø 17 ; thickness = 6 As shown – 1 pc. ; Opposite hand – 1 pc.	1365	2.73	6.08	12.16	–	–	–	

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