

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
7	a Plate 280/280/20	1		thickness = 20	—	12.31	0.17	12.41	
	b Plate 280/70/16	1		thickness = 16	—	2.18	0.03	2.20	
	c Plate 289/110/10	1		6 holes ϕ 19 thickness = 10	—	2.36	0.06	2.40	
	d Plate 280/270/6	2		6 holes ϕ 13 thickness = 6	—	3.52	0.15	7.22	
	e Plate 270/252/6	2		6 holes ϕ 13 thickness = 6	—	3.17	0.14	6.51	
	f Plate 302/47/6	2		thickness = 6	—	0.31	0.02	0.64	
	g Plate 120/90/8	4		1 hole ϕ 27 thickness = 8	—	0.45	0.02	1.85	
	h Plate 70/65/10	4		thickness = 10	—	0.32	0.01	1.30	Weight of one welded unit = 33.93 kg Galvanized unit = 34.53 kg Part nos. 7(a-h) to be welded together as shown in welding detail.
8	a Rod ϕ 25 ℓ = 2550	1		Surface to be painted 1100	2550	9.82	0.02 (Partly painted)	9.94	
	b Plate 200/30/10	1		thickness = 10	—	0.47	Negligible	0.48	Weight of one welded unit = 10.41 kg Galvanized unit = 10.54 kg Part nos. 8(a-c) to be welded together as shown in welding detail.
	c Open thimble	1	Thimble to ISI standard for cable ϕ 13mm		—	0.12	Galvanized		

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9	a Rod ϕ 25 ℓ = 576	4		thickness = 20	576	2.22	0.05	9.00	
	b Left threaded	2		Thread M24 THREAD DATA: Major Dia. = 24.000 Minor Dia. = 20.752 Pitch = 3	—	1.37	0.02	2.76	
	Right threaded	2		2 holes ϕ 26 thickness = 25	—	1.37	0.02	2.76	
	c Rod ϕ 25 ℓ = 445	2		THREAD DATA: Major Dia. = 24.000 Minor Dia. = 20.320 Pitch = 3	445	0.89	—	2.74	Weight of one welded unit = 9.03 kg Galvanized unit = 9.14 kg
	d Hexagonal nut M24	4		THREAD DATA: Major Dia. = 24.000 Minor Dia. = 20.752 Pitch = 3	—	0.12	Galvanized	0.48	1 Right threaded nut tightened to part 8c and welded.
	e Rod ϕ 5 ℓ = 40	4		Thread M24	—	0.01	Galvanized	0.04	
	f Open thimble	2	Thimble to ISI standard for cable ϕ 13mm		—	0.12	Galvanized	0.24	Part nos. 9 (a-f) assembled as shown in the assembly detail.
	10 Flat 40/8 ℓ = 306	125		2 holes ϕ 13 thickness = 8	306	38.25	0.75	93.75	1 pc. extra
11	Angle 65/65/6 ℓ = 180	8		8 holes ϕ 13 thickness = 6	180	1.44	0.99	7.92	
	12 Rod ϕ 30 ℓ = 330	1		2 holes ϕ 6	330	0.33	1.82	1.82	Apply grease only
	13 Washer ϕ 60 x 6	3		thickness = 6	—	—	0.10	0.30	0.01
	14 Rod ϕ 25 ℓ = 95	2		2 holes ϕ 6	95	0.19	0.35	0.70	Apply grease only
	15 Washer ϕ 50 x 6	7		thickness = 6	—	—	0.07	0.49	Galvanized
	16 Split pin ϕ 5 ℓ = 65	10			—	—	0.02	0.20	Bright steel