

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		
S-1	Plate 127/100/10	8		—	—	0.83	6.64	0.03	0.24	6.79	Part No. S-1 (a-j) To be welded together as shown alongside
S-2	Plate 190/120/20	2		—	—	3.22	6.44	0.06	0.12	6.51	
S-3	Friction grip bolt M 20 x 120 IS 3757-8.8	9		—	—	0.38	3.42	Apply oil only			1 pc. extra Ref: IS 3757-1972
S-4	Friction grip nut M 20 IS 6623-8	9		—	—	0.079	0.71	Apply oil only			1 pc. extra Ref: IS 6623-1972
S-5	Washer 'A' 21 IS 6649	9		—	—	0.021	0.19	Apply oil only			1 pc. extra Ref: IS 6649-1972
S-6	Cotter pin	9				0.003	0.03	Apply oil only			1 pc. extra
TOTAL (S-1 to S-6)						101.43 kg	2.24 m ²	98.92 kg			

Steel parts to be Galvanized :	97.11 kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel parts to be Painted :	2.24 m ²	Weight of Zinc Coat : 0.61 kg / m ²

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Weight of part S-1 = 46.21 kg