

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		
a	Angle 50/50/6 l = 1460	2		1460	2.92	6.51	13.02	0.292	0.584	13.376	
b	Flat 65/6 l = 318	2		318	0.636	0.973	1.946	0.041	0.083	1.996	
c	Flat 45/6 l = 60	2		60	0.12	0.127	0.254	0.005	0.01	0.260	
d	Flat 65/6 l = 100	2		100	0.20	0.306	0.612	0.013	0.026	0.60	
e	Flat 65/6 l = 110	2		110	0.22	0.29	0.58	0.012	0.024	0.595	
f	ø 14 IS 5372	18	Taper washer as per IS 5372 - 1975	—	—	0.020	0.360	Galvanized			
g	Rod ø 10 l = 1327	2		1327	2.654	0.795	1.59	0.04	0.08	1.639	
h	Flat 40/10 l = 224	2		224	0.448	0.703	1.407	0.018	0.036	1.429	Part nos l(a-i) to be welded together as shown in welding detail.
i	Hexagonal nut M12 IS 1363	8		—	—	0.018	0.144	Galvanized			5% extra pieces Ref : IS 1363-1967
2	Flat 40/10 l = 327	2		327	0.654	1.027	2.054	0.026	0.052	2.085	5% extra pieces Ref : IS 1363-1967
3	Flat 40/6 l = 76	2		76	0.152	0.143	0.286	0.006	0.012	0.293	5% extra pieces Ref : IS 1363-1967
4	Hexagonal bolt M 12 x 140 IS 1363	2.10		—	—	0.119	0.25	Galvanized			5% extra pieces Ref : IS 1363-1967
5	Hexagonal bolt M 12 x 90 IS 1363	6.3		—	—	0.08	0.554	Galvanized			5% extra pieces Ref : IS 1363-1967
6	Hexagonal nut M 12 IS, 1363	18.90		—	—	0.018	0.340	Galvanized			5% extra pieces Ref : 1363-1967
7	Chain link wiremesh netting, width 130cm mesh size 60x60 G.I. wire 10 SWG (ø 3.15)							Galvanized			Length per meter span = 2.05 m Weight per meter span = 6.929 kg
8	Binding wire 10 SWG (ø 3.15)							Galvanized			Weight per meter span = 0.320 kg
TOTAL (1-6)				23.397 kg		0.907m ²	22.273kg				

Serial number	Item	Total weight (kg)
1	Structural steel	21.74
2	Screws, bolts, nuts , washers	1.64
	Total 1 + 2	23.38

<p align="center">MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard</p>	
<p>Bridge No:</p>	<p>Name:</p>
<p>Span:</p>	
<p>Working & Assembly Drawing :</p>	
<p align="center">Walkway for 10 Main Cables</p>	
<p>Units :</p>	
<p>$\approx 0.86 \times \text{span}$</p>	
<p>Date: August 2004</p>	<p align="right">Drawing No. 04</p>