



Part No.	Section [mm]	Quantity [nos]	Working Drawing	Weight	
				kg / pc	total kg
1	a Flat 40/10 - 140	2	1 hole φ 18 1 hole φ 21	0.40	0.80
	b Flat 40/5 - 40	2	Ri = 20 90° to be welded to part no. 1a	0.06	0.12
2	a Flat 40/10 - 140	2	hole φ 13.5 thread M16 hole φ 17 thread M20	0.40	0.80
	b Flat 40/5 - 40	2	Ri = 20 90° to be welded to part no. 2a	0.06	0.12
3	Hex bolt M20 - 90	2.1		0.30	0.63 ^c
4	Hex nut M20	2.1		0.05	0.11 ^c
5	Hex bolt M16 - 90	2.1		0.17	0.36 ^c
6	Hex nut M16	2.1		0.03	0.06 ^c
7	Open Thimble	2.1	IS 2315 galvanized, for cable φ 13 mm	0.12	0.25 ^D
8	Bulldog Grip	10.5	IS 2361 galvanized, for cable φ 13 mm	0.28	2.94 ^D

A = 6.23 kg
Transportation wt. B+C+D+0.04 kg

B = 1.84 kg
Total Structural Steel = Steel to be galvanized

C = 1.16 kg
Nuts, Bolts, Washers

D = 3.19 kg
Bulldog Grips & Thimbles

cutting length for a single windtie cable is c/c length plus 220 cm

For obtaining uniformity, the use of templates and jigs is mandatory

For Delivery :
 All the cable clamps have to be assembled with each one Nut and Bolt M16 & M20 and one thimble.
 All sharp corners are to be grinded off.

Specifications :
 All structural steel must comply with:
 IS 226 - 1975 for structural steel
 IS 800 - 1984 for general construction in steel
 All steel parts must be **hot dip galvanized** acc. to:
 IS 2629 & 2633, min thickness = 80 μ m

HMG / Ministry of Local Development
 DoLIDAR / Short Span Trail Bridge Standard

Bridge Name: _____ Span: _____

No: _____

Steel Drawing: _____

**Windtie Cable Clamps
 for Suspension or Suspended Bridge
 for one pair of 13mm windties
 for windguy cables φ 26, 32 or 36 mm**

Nos of pairs required: _____

Date : March 30, 2002 Drawing No. 11A