

STEELPART LIST

Part no.	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length Single/pc total mm	Weight kg/pc total kg	Surface to be painted m ² /pc total m ²	Total weight (finished) Galvanized kg	Remarks		
1	a Plate 1350/400/4	1		-	-	16.958	16.958	1.080	1.080	17.626
	b Plate 1250/400/4	1		-	-	23.55	23.55	1.00	1.00	24.16
	c Plate 376 / 72 / 8	3		-	-	1.70	5.10	0.054	0.162	5.199
	d Plate 1250/72 / 4	1		-	-	2.26	2.26	0.18	0.18	2.370
2	Rod ϕ 16 f = 550	4		550	2.20	0.87	3.48	-	-	3.547
3	Hexagonal nut M 16 IS 1363	8		-	-	0.032	0.256	Galvanized		
4	a Plate 150 / 90 / 6	12		-	-	0.63	7.56	0.033	0.264	7.801
	b Plate 210 / 200 / 6	4		-	-	1.981	7.924	-	-	8.128
	c Channel ISMC 75 - 2450	4		2450	9.80	16.63	66.52	0.41	1.64	69.21
	d Rod ϕ 24 f = 130	4		130	0.52	0.459	1.836	0.008	0.032	1.855
	e Open thimble	4	Thimble to ISI standard for cable ϕ 13 mm	-	-	0.12	0.48	Galvanized		
	f Plate 100 / 60 / 6	4		-	-	0.25	1.00	0.01	0.04	1.02
5	Channel ISMC 200 - 690	2		690	1.38	15.11	30.22	-	-	-
6	a Rod ϕ 50 f = 985	4		985	3.94	14.39	57.56	-	-	57.92
	b Plate 70 / 70 / 20	4		-	-	0.46	1.84	-	-	1.86
7	Hexagonal nut M 48	17		-	-	0.97	16.49	Galvanized		1 pc. extra.

NOTES :

- 1) All nuts have to be retightened after erection.
- 2) All nongalvanized threads have to be painted in site with coaltar after retightening of the nuts.
- 3) All steel parts have to be painted with final coat after bridge erection, only if not galvanized.
- 4) To obtain uniformity, use of templates and jigs is mandatory for holing, bending and welding of assembly.
- 5) All parts or bundles and packages with identical parts have to be labelled or marked with the respective part number by the workshop.

Serial number	Item	Total weight (kg)
1	Structural steel	780.36
2	Screws, bolts, nuts, washers	38.36
3	Reinforcement steel Part nos. 34 - 39 Part nos. 40 - 41	230.74
4	Part nos. 1 - 39 Part nos. 40 - 41	1049.47
	Total 1 + 2 + 3 + 4	1049.47

	(Pieces)
Thimbles for cable 13, (32), (36), (40) mm	10 (2) (2) (2)
Bulldog grips for cable ϕ 13, (32), (36), (40) mm	3 (2) (4) (6)

TOTAL TRANSPORTATION WEIGHT		
Part nos. 1 - 39		
for spanning cable ϕ 32 mm	1088.17	kg
for spanning cable ϕ 36 mm	1100.27	kg
for spanning cable ϕ 40 mm	1113.67	kg
Part nos. 40 - 44	...	...
Total	...	...

MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard	
Bridge No:	Name:
Span:	
Working & Assembly Drawing :	
Walkway & Tower Anchorage	
Spanning cable ϕmm (32 / 36 / 40 mm)	
Capacity : 610 kN	
Tower : c/c ₁ = 4.00 m ; c/c ₂ = 56.6 cm	
Units :	1 Unit = Steel parts for one block
Date: August 2004	Drawing No. 93