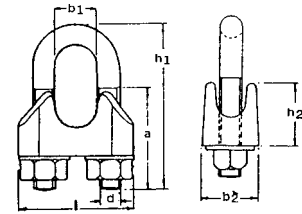


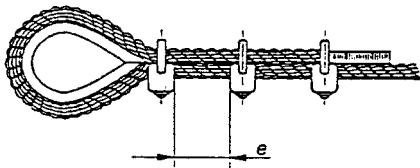
WIRE ROPE GRIPS
 ACCORDING TO DIN 1142 AND MEETS PERFORMANCE
 REQUIREMENTS OF BS EN 13411-5-2003
 ZINC PLATED



ROPE DIA mm	a mm	b1 mm	b2 mm	d mm	h1 mm	h2 mm	l mm	WEIGHT PER 100 KGS
5	13	7	13	M5	25	13	25	2.50
6.5	17	8	16	M6	32	14	30	4.00
8	20	10	20	M8	41	18	39	8.00
10	24	12	20	M8	46	21	40	9.50
12	28	14	24	M10	56	25	50	15.50
13	30	15	28	M12	64	29	55	27.00
14	31	16	28	M12	66	30	59	27.50
16	35	18	32	M14	76	35	64	43.00
19	36	22	32	M14	83	40	68	48.00
22	40	24	34	M16	96	44	74	66.00
26	50	26	38	M20	111	51	84	112.00
30	55	34	41	M20	127	59	95	149.00
34	60	38	45	M22	141	67	105	219.00
40	65	44	49	M24	159	77	117	274.00

The distance between grips 'e' should be at least 1,5 b2 and not more than 3 b2 where b2 is the width of the bridge.

When using a thimble in the eye assembly, the first wire rope grip should be placed immediately against the thimble. The bridge should always be placed on the load bearing part of the rope.



When making the assembly and before bringing into service, the collar nuts should be tightened to the torque given in table.

The recommended tightening torques are for grips with greased bearing surfaces and nut threads. After load is applied for the first time the torque should be checked again and, if necessary, corrected.

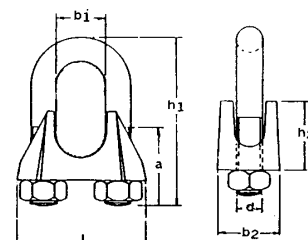
The wire rope end termination should be inspected by a competent person.

Table to the right gives recommended number of grips to be used relative to rope size.

Nominal Size of Grip*	Tightening Torque Nm	Number of Grips
5	2,0	3
6,5	3,5	3
8	6,0	4
10	9,0	4
12	20	4
13 and 14	33	4
16	49	4
19	68	4
22	107	5
26	147	5
30	212	6
34	296	6
40	363	6

* = Maximum nominal diameter of rope
 For intermediate sizes use larger grip size

WIRE ROPE GRIPS
 COMMERCIAL PATTERN
 ZINC PLATED



ROPE DIA in	ROPE DIA mm	a mm	b1 mm	b2 mm	d mm	h1 mm	h2 mm	l mm	WEIGHT PER 100 KGS
1/8	3	12	4	10	M4	20	10	21	1.0
3/16	5	13	6	11	M5	24	10	23	1.4
1/4	6	15	8	12	M5	28	11	26	1.8
5/16	8	19	9	14	M6	34	15	30	3.3
3/8	10	22	11	18	M8	42	17	34	6.8
7/16	11	22	12	19	M8	44	18	36	7.1
1/2	13	30	14	23	M10	55	21	42	12.5
9/16	14	30	15	23	M10	57	22	44	14.4
5/8	16	33	17	26	M12	63	26	50	20.4
3/4	19	38	20	29	M12	75	30	54	27.2
7/8	22	44	23	33	M14	85	34	61	36.6
1	26	45	27	35	M14	95	37	65	45.7
1.1/8	30	50	32	37	M16	110	43	74	64.4
1.1/4	34	55	36	42	M16	120	50	80	81.1
1.1/2	40	60	42	45	M16	140	55	88	92.6