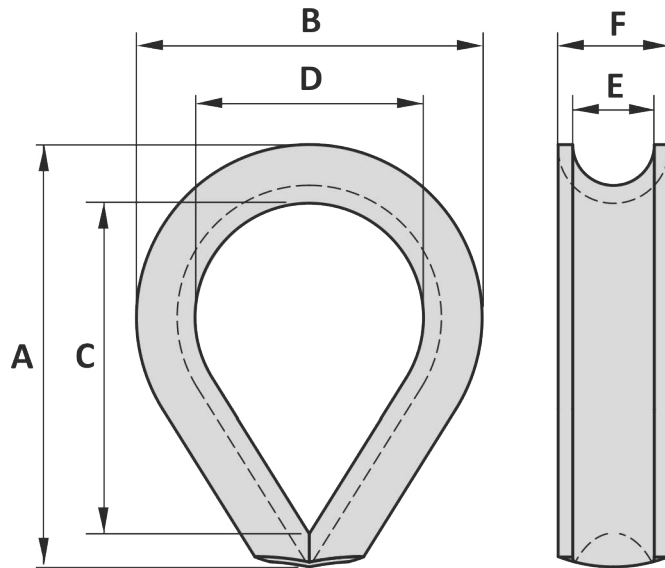


Material : Mild steel
 Finish : Galvanized
 Temperature range : -4°F up to +392°F
 Standard certification : Certificate of Conformity

Suitable for wire rope

Non-standard sizes or custom products available on request



Art. No.	A inch	B inch	C inch	D inch	E inch	F inch	Packing	Weight lbs/100
11020000	2	1 $\frac{7}{16}$	1 $\frac{3}{8}$	$\frac{7}{8}$	1 $\frac{1}{2}$	$\frac{9}{16}$	600	18
11025000	2.5	1 $\frac{3}{8}$	1 $\frac{25}{32}$	1 $\frac{1}{16}$	$\frac{7}{16}$	$\frac{5}{8}$	400	22
11030000	3	1 $\frac{1}{2}$	2 $\frac{5}{32}$	1 $\frac{3}{8}$	$\frac{1}{2}$	$\frac{23}{32}$	300	44
11035000	3.5	2 $\frac{7}{8}$	2 $\frac{9}{16}$	1 $\frac{25}{32}$	$\frac{19}{32}$	$\frac{25}{32}$	150	57
11040000	4	2 $\frac{15}{16}$	2 $\frac{15}{16}$	1 $\frac{1}{2}$	1 $\frac{1}{16}$	$\frac{7}{8}$	150	79
11045000	4.5	3 $\frac{1}{2}$	3 $\frac{5}{32}$	2 $\frac{3}{32}$	$\frac{3}{4}$	1	75	110
11050000	5	3 $\frac{15}{16}$	3 $\frac{9}{16}$	2 $\frac{3}{8}$	$\frac{13}{16}$	1 $\frac{1}{8}$	75	132
11055000	5.5	4 $\frac{5}{16}$	3 $\frac{3}{4}$	2 $\frac{9}{16}$	$\frac{29}{32}$	1 $\frac{1}{16}$	40	154
11060000	6	4 $\frac{1}{2}$	4 $\frac{23}{32}$	2 $\frac{3}{4}$	1	1 $\frac{1}{32}$	40	220
11070000	7	5 $\frac{1}{16}$	5 $\frac{1}{2}$	3 $\frac{1}{32}$	1 $\frac{3}{16}$	1 $\frac{1}{2}$	25	353
11080000	8	6 $\frac{1}{32}$	6 $\frac{1}{16}$	3 $\frac{15}{16}$	1 $\frac{5}{16}$	1 $\frac{3}{4}$	20	397
11090000	9	6 $\frac{7}{8}$	7 $\frac{9}{32}$	4 $\frac{17}{32}$	1 $\frac{1}{2}$	1 $\frac{15}{16}$		772
11100000	10	7 $\frac{15}{32}$	7 $\frac{11}{16}$	4 $\frac{23}{32}$	1 $\frac{5}{8}$	2 $\frac{1}{16}$		970
11110000	11	8 $\frac{1}{4}$	8 $\frac{15}{32}$	5 $\frac{1}{8}$	1 $\frac{13}{16}$	2 $\frac{3}{8}$		1146
11120000	12	9 $\frac{21}{32}$	9 $\frac{27}{32}$	5 $\frac{23}{32}$	2 $\frac{1}{16}$	2 $\frac{1}{8}$		1609
11140000	14	10 $\frac{1}{4}$	11 $\frac{13}{32}$	6 $\frac{3}{32}$	2 $\frac{3}{8}$	2 $\frac{27}{32}$		2425
11170000	17	12 $\frac{3}{16}$	14 $\frac{9}{16}$	7 $\frac{15}{32}$	2 $\frac{3}{4}$	3 $\frac{5}{16}$		3527
11190000	19	13 $\frac{25}{32}$	16 $\frac{7}{32}$	9 $\frac{1}{16}$	3 $\frac{3}{16}$	4 $\frac{1}{16}$		6063
11220000	22	15 $\frac{9}{16}$	18 $\frac{29}{32}$	10 $\frac{1}{32}$	3 $\frac{5}{8}$	5 $\frac{1}{8}$		8047
11240000	24	16 $\frac{15}{16}$	21 $\frac{1}{4}$	11 $\frac{1}{32}$	4 $\frac{1}{8}$	5 $\frac{23}{32}$		9700
11260000	26	17 $\frac{23}{32}$	22 $\frac{27}{32}$	11 $\frac{7}{32}$	4 $\frac{23}{32}$	6 $\frac{3}{32}$		10362

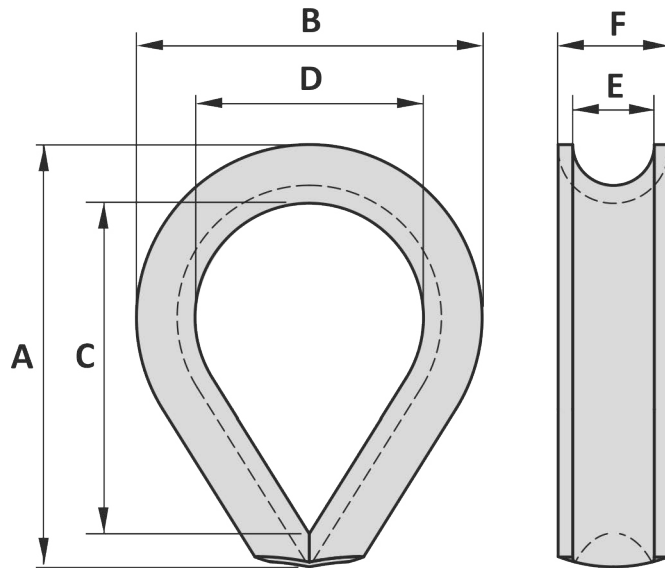
Tolerance: Forged parts $\pm 5\%$

19-05-2015

Material : Mild steel
 Finish : Galvanized
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for wire rope

Non-standard sizes or custom products available on request



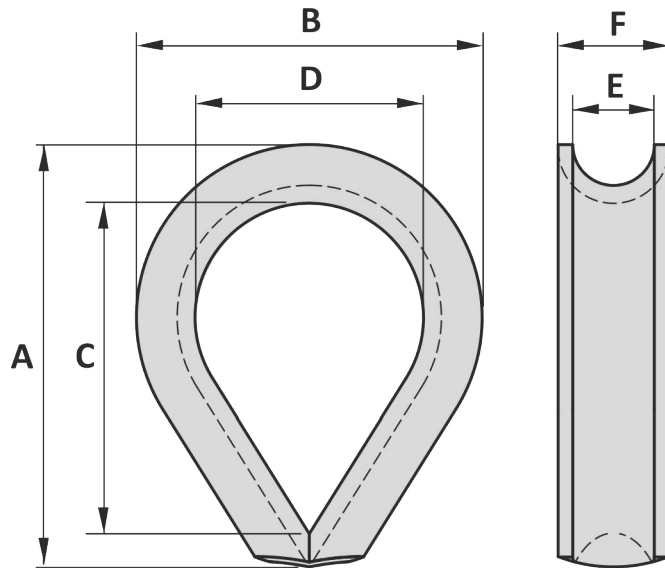
Art. No.	A inch	B mm	C mm	D mm	E mm	F mm	Packing	Weight kg/100
11020000	2	42	35	22	9	14	600	8.2
11025000	2.5	50	45	30	11	16	400	10
11030000	3	50	55	35	13	18	300	20
11035000	3.5	73	65	45	15	20	150	26
11040000	4	75	75	50	17	22	150	36
11045000	4.5	85	80	53	19	25	75	50
11050000	5	100	90	60	21	29	75	60
11055000	5.5	110	95	65	23	33	40	70
11060000	6	115	120	70	25	34	40	100
11070000	7	135	140	80	30	38	25	160
11080000	8	155	160	100	33	44	20	180
11090000	9	175	185	115	38	49		350
11100000	10	190	195	120	41	52		440
11110000	11	210	215	130	46	60		520
11120000	12	245	250	145	52	65		730
11140000	14	260	290	155	60	72		1100
11170000	17	310	370	190	70	84		1600
11190000	19	350	420	230	81	119		2750
11220000	22	395	480	255	92	130		3650
11240000	24	430	540	280	105	145		4400
11260000	26	450	580	285	120	155		4700

Tolerance: Forged parts ± 5%

19-05-2015

Material : Mild steel
 Finish : Galvanized
 Temperature range : -4°F up to +392°F
 Standard certification : Certificate of Conformity

Suitable for wire rope
 Non-standard sizes or custom products available on request



Art. No.	A inch	B inch	C inch	D inch	E inch	F inch	Packing	Weight lbs/100
11020000	2	1 $\frac{7}{32}$	1 $\frac{3}{8}$	$\frac{7}{8}$	1 $\frac{1}{2}$	$\frac{9}{16}$	600	18
11025000	2.5	1 $\frac{31}{32}$	1 $\frac{25}{32}$	1 $\frac{3}{16}$	$\frac{7}{16}$	$\frac{5}{8}$	400	22
11030000	3	1 $\frac{31}{32}$	2 $\frac{5}{32}$	1 $\frac{3}{8}$	$\frac{1}{2}$	$\frac{23}{32}$	300	44
11035000	3.5	2 $\frac{7}{8}$	2 $\frac{9}{16}$	1 $\frac{25}{32}$	$\frac{19}{32}$	$\frac{25}{32}$	150	57
11040000	4	2 $\frac{15}{16}$	2 $\frac{15}{16}$	1 $\frac{31}{32}$	1 $\frac{1}{16}$	$\frac{7}{8}$	150	79
11045000	4.5	3 $\frac{11}{32}$	3 $\frac{5}{32}$	2 $\frac{3}{32}$	$\frac{3}{4}$	1	75	110
11050000	5	3 $\frac{15}{16}$	3 $\frac{9}{16}$	2 $\frac{3}{8}$	$\frac{13}{16}$	1 $\frac{1}{8}$	75	132
11055000	5.5	4 $\frac{5}{16}$	3 $\frac{3}{4}$	2 $\frac{9}{16}$	$\frac{29}{32}$	1 $\frac{1}{16}$	40	154
11060000	6	4 $\frac{7}{32}$	4 $\frac{23}{32}$	2 $\frac{3}{4}$	1	1 $\frac{1}{32}$	40	220
11070000	7	5 $\frac{5}{16}$	5 $\frac{1}{2}$	3 $\frac{5}{32}$	1 $\frac{3}{16}$	1 $\frac{1}{2}$	25	353
11080000	8	6 $\frac{5}{32}$	6 $\frac{3}{16}$	3 $\frac{15}{16}$	1 $\frac{5}{16}$	1 $\frac{3}{4}$	20	397
11090000	9	6 $\frac{7}{8}$	7 $\frac{9}{32}$	4 $\frac{17}{32}$	1 $\frac{1}{2}$	1 $\frac{15}{16}$		772
11100000	10	7 $\frac{15}{32}$	7 $\frac{11}{16}$	4 $\frac{23}{32}$	1 $\frac{5}{8}$	2 $\frac{1}{16}$		970
11110000	11	8 $\frac{1}{4}$	8 $\frac{15}{32}$	5 $\frac{1}{8}$	1 $\frac{13}{16}$	2 $\frac{3}{8}$		1146
11120000	12	9 $\frac{21}{32}$	9 $\frac{27}{32}$	5 $\frac{23}{32}$	2 $\frac{1}{16}$	2 $\frac{9}{16}$		1609
11140000	14	10 $\frac{1}{4}$	11 $\frac{13}{32}$	6 $\frac{3}{32}$	2 $\frac{3}{8}$	2 $\frac{27}{32}$		2425
11170000	17	12 $\frac{3}{16}$	14 $\frac{9}{16}$	7 $\frac{15}{32}$	2 $\frac{3}{4}$	3 $\frac{5}{16}$		3527
11190000	19	13 $\frac{25}{32}$	16 $\frac{7}{32}$	9 $\frac{1}{16}$	3 $\frac{3}{16}$	4 $\frac{11}{16}$		6063
11220000	22	15 $\frac{9}{16}$	18 $\frac{29}{32}$	10 $\frac{1}{32}$	3 $\frac{5}{8}$	5 $\frac{1}{8}$		8047
11240000	24	16 $\frac{15}{16}$	21 $\frac{1}{4}$	11 $\frac{1}{32}$	4 $\frac{1}{8}$	5 $\frac{23}{32}$		9700
11260000	26	17 $\frac{23}{32}$	22 $\frac{27}{32}$	11 $\frac{7}{32}$	4 $\frac{23}{32}$	6 $\frac{3}{32}$		10362

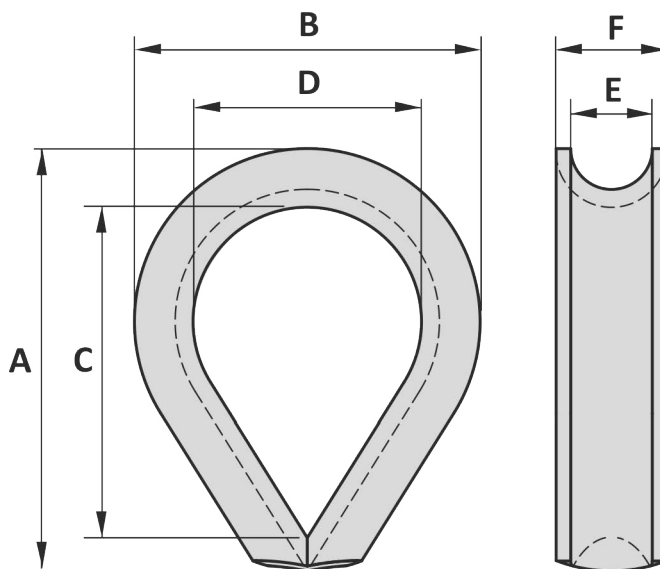
Tolerance: Forged parts $\pm 5\%$

19-05-2015

Material : Mild steel
 Finish : Galvanized
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for wire rope

Non-standard sizes or custom products available on request



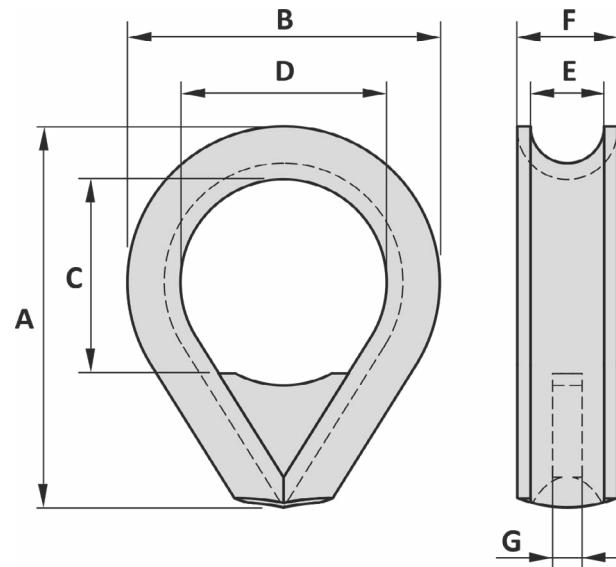
Art. No.	A inch	B mm	C mm	D mm	E mm	F mm	Packing	Weight kg/100
11020000	2	42	35	22	9	14	600	8.2
11025000	2.5	50	45	30	11	16	400	10
11030000	3	50	55	35	13	18	300	20
11035000	3.5	73	65	45	15	20	150	26
11040000	4	75	75	50	17	22	150	36
11045000	4.5	85	80	53	19	25	75	50
11050000	5	100	90	60	21	29	75	60
11055000	5.5	110	95	65	23	33	40	70
11060000	6	115	120	70	25	34	40	100
11070000	7	135	140	80	30	38	25	160
11080000	8	155	160	100	33	44	20	180
11090000	9	175	185	115	38	49		350
11100000	10	190	195	120	41	52		440
11110000	11	210	215	130	46	60		520
11120000	12	245	250	145	52	65		730
11140000	14	260	290	155	60	72		1100
11170000	17	310	370	190	70	84		1600
11190000	19	350	420	230	81	119		2750
11220000	22	395	480	255	92	130		3650
11240000	24	430	540	280	105	145		4400
11260000	26	450	580	285	120	155		4700

Tolerance: Forged parts ± 5%

19-05-2015

Material : Mild steel
 Finish : Galvanized
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for wire rope
 Non-standard sizes or custom products available on request



Art. No.	A inch	B mm	C mm	D mm	E mm	F mm	G mm	Packing	Weight kg/100
11040999	4	75	50	50	17	22	6	10	40
11045999	4 ½	85	50	53	19	25	6	10	50
11050999	5	100	60	60	21	29	8	10	80
11055999	5 ½	110	60	65	23	33	8	10	90
11069999	6	115	70	70	25	34	8	10	100
11079999	7	135	75	80	30	38	10	10	170
11089999	8	155	80	100	33	44	10		250
11099999	9	175	110	115	38	49	10		400
11109999	10	190	120	120	41	52	15		450
11119999	11	210	120	130	46	60	15		700
11129999	12	245	140	145	52	65	15		830
11149999	14	260	155	155	60	72	20		1250
11179999	17	310	200	190	70	84	20		1800
11199999	19	350	235	230	81	119	20		3050
11229999	22	395	240	255	92	130	20		4050
11249999	24	430	275	280	105	145	25		4950
11269999	26	450	295	285	120	155	30		5400

Tolerance: Forged parts ± 5%

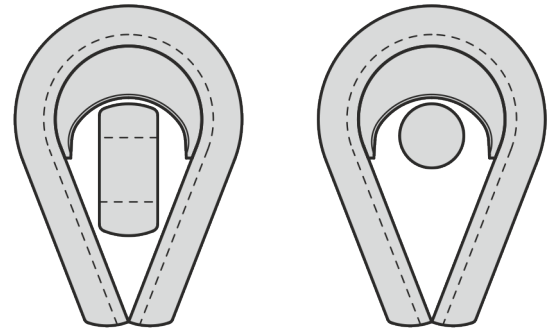
Art. No.	A inch	B inch	C inch	D inch	E inch	F inch	G inch	Packing	Weight lbs/100
11040999	4	2 15/16	1 31/32	1 31/32	11/16	7/8	1/4	10	88
11045999	4 ½	3 11/32	1 31/32	2 3/32	3/4	1	1/4	10	110
11050999	5	3 15/16	2 3/8	2 3/8	13/16	1 1/8	5/16	10	176
11055999	5 ½	4 5/16	2 3/8	2 9/16	29/32	1 5/16	5/16	10	198
11069999	6	4 17/32	2 3/4	2 3/4	1	1 11/32	5/16	10	220
11079999	7	5 5/16	2 19/16	3 5/32	1 1/16	1 1/2	3/8	10	375
11089999	8	6 5/32	3 5/32	3 15/16	1 1/16	1 3/4	3/8		551
11099999	9	6 7/8	4 1/16	4 17/32	1 1/2	1 15/16	3/8		882
11109999	10	7 15/32	4 23/32	4 23/32	1 5/8	2 1/16	19/32		992
11119999	11	8 1/4	4 23/32	5 1/8	1 19/16	2 3/8	19/32		1543
11129999	12	9 21/32	5 1/2	5 23/32	2 1/16	2 9/16	19/32		1830
11149999	14	10 1/4	6 3/32	6 3/32	2 3/8	2 27/32	25/32		2756
11179999	17	12 3/16	7 7/8	7 15/32	2 3/4	3 5/16	25/32		3968
11199999	19	13 25/32	9 1/4	9 1/16	3 1/16	4 11/16	25/32		6724
11229999	22	15 9/16	9 7/16	10 1/32	3 5/8	5 1/8	25/32		8929
11249999	24	16 15/16	10 13/16	11 1/32	4 1/8	5 23/32	1		10913
11269999	26	17 23/32	11 5/8	11 7/32	4 25/32	6 3/32	1 1/16		11905

Tolerance: Forged parts ± 5%

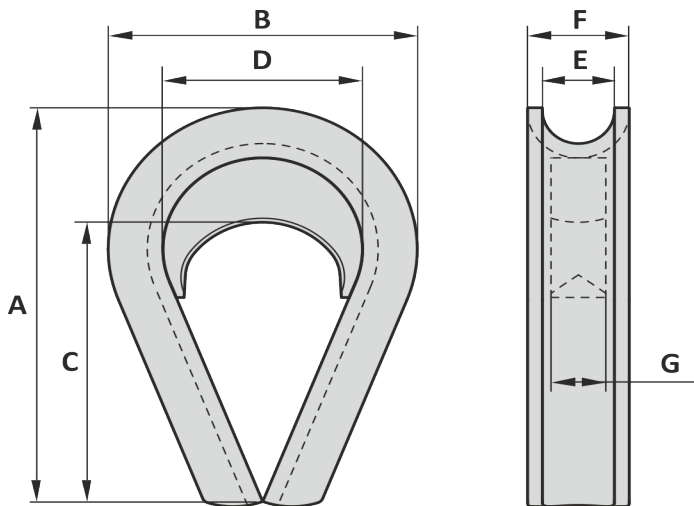
19-05-2015

Material : Mild steel
 Safety factor : ≤ 85 ton 6 times
 > 85 ton 5 times
 Finish : Painted
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for HMPE rope and wire rope
 Non-standard sizes or custom products available on request



Designed to fit shackle bow and shackle pin



Also available with retaining bands on request

Art. No.	WLL ton	PL kN	MBL ton	Rope mm	A inch	B mm	C mm	D mm	E mm	F mm	G mm	Weight kg
11108888	25	491	150	35 - 38	10	192	180	122	41	52	30	5.5
11118888	35	687	210	39 - 42	11	223	190	135	46	60	40	9.1
11128888	42.5	834	255	44 - 48	12	240	210	140	52	65	40	9.2
11148888	55	1080	330	52 - 56	14	260	250	155	60	72	40	11
11178888	85	1668	510	60 - 64	17	300	315	180	70	84	50	23
11198888	120	2356	600	68 - 76	19	365	350	245	80	119	60	37
11228888	150	2944	750	80 - 89	22	395	390	255	92	130	70	50
11248888	200	3924	1000	92 - 102	24	430	440	280	105	145	80	65
11268888	250	4906	1250	104 - 114	26	450	470	285	120	155	90	76

Tolerance: Forged parts ± 5%

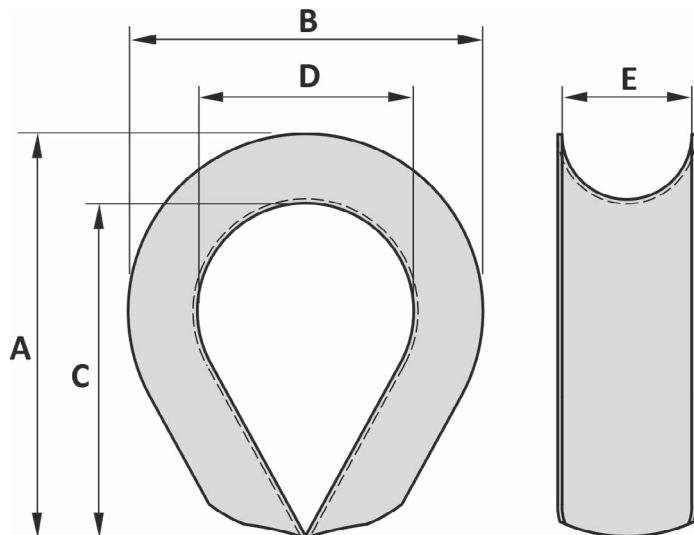
Art. No.	WLL ton	PL kN	MBL ton	Rope mm	A inch	B inch	C inch	D inch	E inch	F inch	G inch	Weight lbs
11108888	25	491	150	35 - 38	10	7 5/16	7 3/32	4 13/16	1 5/8	2 1/16	1 3/16	12
11118888	35	687	210	39 - 42	11	8 25/32	7 15/32	5 5/16	1 13/16	2 3/8	1 5/8	20
11128888	42.5	834	255	44 - 48	12	9 1/16	8 1/4	5 1/2	2 1/16	2 9/16	1 5/8	20
11148888	55	1080	330	52 - 56	14	10 1/4	9 27/32	6 3/32	2 3/8	2 27/32	1 5/8	24
11178888	85	1668	510	60 - 64	17	11 13/16	12 13/32	7 3/32	2 3/4	3 5/16	1 31/32	51
11198888	120	2356	600	68 - 76	19	14 3/8	13 25/32	9 21/32	3 5/32	4 11/16	2 3/8	82
11228888	150	2944	750	80 - 89	22	15 5/16	15 11/32	10 1/32	3 5/8	5 1/8	2 3/4	110
11248888	200	3924	1000	92 - 102	24	16 15/16	17 1/16	11 1/32	4 1/8	5 23/32	3 5/32	143
11268888	250	4906	1250	104 - 114	26	17 23/32	18 1/2	11 1/32	4 23/32	6 3/32	3 5/16	168

Tolerance: Forged parts ± 5%

16-06-2022

Material : Mild steel
 Finish : Galvanized
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for fibre rope
 Non-standard sizes or custom products available on request



Art. No.	A inch	B mm	C mm	D mm	E mm	Packing	Weight kg/100
12022500	2 ¼	47	42	26	16	25	8.2
12025000	2 ½	55	48	32	18	25	14
12030000	3	64	58	38	20	25	25
12040000	4	75	78	50	32	25	50
12050000	5	110	95	65	40	25	80
12060000	6	120	115	75	48	10	90
12070000	7	140	140	85	56	10	180
12080000	8	160	160	105	64		310
12090000	9	180	175	110	72		530
12100000	10	200	190	120	80		650
12110000	11	220	210	145	88		900
12120000	12	245	230	150	102		1200
12140000	14	300	290	170	115		1800
12160000	16	320	310	185	130		2450
12180000	18	350	340	205	150		3200

Tolerance: Forged parts ± 5%

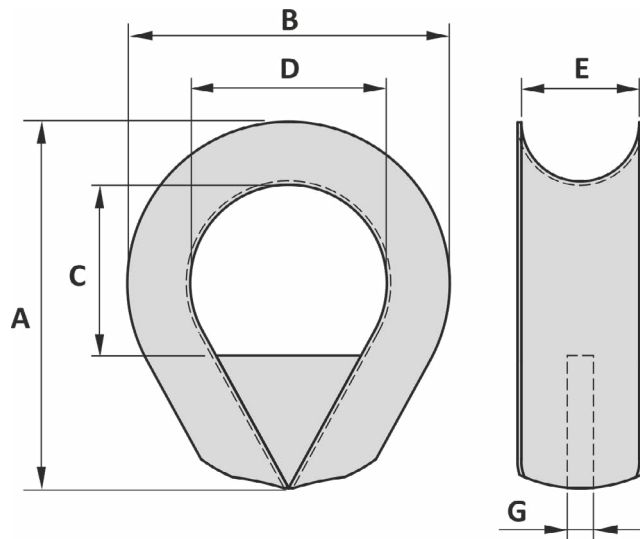
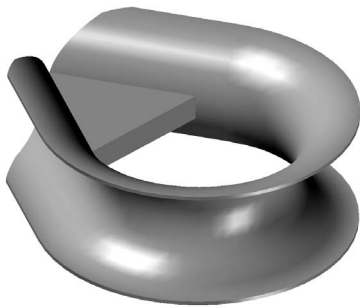
Art. No.	A inch	B inch	C inch	D inch	E inch	Packing	Weight lbs/100
12022500	2 ¼	1 23/32	1 23/32	1 1/32	5/8	25	18
12025000	2 ½	2 5/32	1 7/8	1 ¼	23/32	25	31
12030000	3	2 ½	2 9/32	1 ½	25/32	25	55
12040000	4	2 15/16	3 1/16	1 31/32	1 ¼	25	110
12050000	5	4 5/16	3 ¾	2 9/16	1 9/16	25	176
12060000	6	4 23/32	4 17/32	2 15/16	1 7/8	10	198
12070000	7	5 ½	5 ½	3 11/32	2 3/16	10	397
12080000	8	6 5/16	6 5/16	4 1/8	2 ½		683
12090000	9	7 3/32	6 7/8	4 5/16	2 27/32		1168
12100000	10	7 7/8	7 15/32	4 23/32	3 5/32		1433
12110000	11	8 21/32	8 ¼	5 23/32	3 15/32		1984
12120000	12	9 21/32	9 1/16	5 29/32	4		2646
12140000	14	11 13/16	11 13/32	6 11/16	4 17/32		3968
12160000	16	12 19/32	12 3/16	7 9/32	5 1/8		5401
12180000	18	13 25/32	13 3/4	8 1/16	5 29/32		7055

Tolerance: Forged parts ± 5%

03-09-2014

Material : Mild steel
 Finish : Galvanized
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for fibre rope
 Non-standard sizes or custom products available on request



Art. No.	A inch	B mm	C mm	D mm	E mm	G mm	Packing	Weight kg/100
12059999	5	110	50	65	40	10	10	80
12069999	6	120	65	75	48	10	10	130
12079999	7	140	90	85	56	10	10	190
12089999	8	160	95	105	64	10		340
12099999	9	180	100	110	72	10		580
12109999	10	200	115	120	80	10		690
12119999	11	220	135	145	88	15		850
12129999	12	245	135	150	102	15		1350
12149999	14	300	135	170	115	15		1950
12169999	16	320	150	185	130	20		2650
12189999	18	350	200	205	150	20		3450

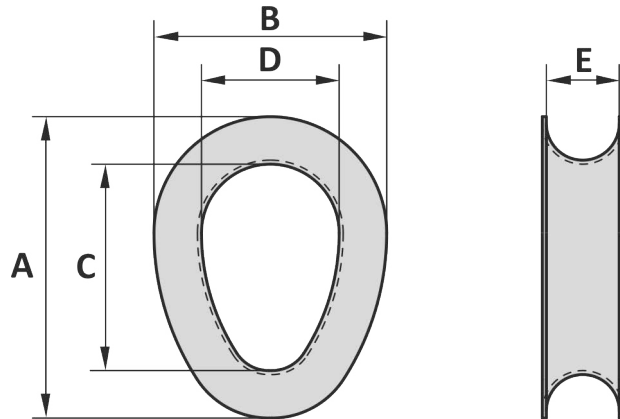
Tolerance: Forged parts $\pm 5\%$

Art. No.	A inch	B inch	C inch	D inch	E inch	G inch	Packing	Weight lbs/100
12059999	5	4 $\frac{5}{16}$	1 $\frac{3}{32}$	2 $\frac{1}{16}$	1 $\frac{1}{16}$	$\frac{3}{8}$	10	176
12069999	6	4 $\frac{23}{32}$	2 $\frac{1}{16}$	2 $\frac{15}{16}$	1 $\frac{1}{8}$	$\frac{3}{8}$	10	287
12079999	7	5 $\frac{1}{2}$	3 $\frac{3}{16}$	3 $\frac{11}{32}$	2 $\frac{3}{16}$	$\frac{3}{8}$	10	419
12089999	8	6 $\frac{5}{16}$	3 $\frac{3}{4}$	4 $\frac{1}{8}$	2 $\frac{1}{2}$	$\frac{3}{8}$		750
12099999	9	7 $\frac{3}{32}$	3 $\frac{15}{16}$	4 $\frac{5}{16}$	2 $\frac{27}{32}$	$\frac{3}{8}$		1279
12109999	10	7 $\frac{7}{8}$	4 $\frac{17}{32}$	4 $\frac{23}{32}$	3 $\frac{5}{32}$	$\frac{3}{8}$		1521
12119999	11	8 $\frac{21}{32}$	5 $\frac{5}{16}$	5 $\frac{23}{32}$	3 $\frac{15}{32}$	$\frac{19}{32}$		1874
12129999	12	9 $\frac{21}{32}$	5 $\frac{5}{16}$	5 $\frac{29}{32}$	4	$\frac{19}{32}$		2976
12149999	14	11 $\frac{13}{16}$	5 $\frac{5}{16}$	6 $\frac{11}{16}$	4 $\frac{17}{32}$	$\frac{19}{32}$		4299
12169999	16	12 $\frac{19}{32}$	5 $\frac{29}{32}$	7 $\frac{9}{32}$	5 $\frac{1}{8}$	$\frac{25}{32}$		5842
12189999	18	13 $\frac{25}{32}$	7 $\frac{1}{8}$	8 $\frac{1}{16}$	5 $\frac{29}{32}$	$\frac{25}{32}$		7606

Tolerance: Forged parts $\pm 5\%$

Material : Mild steel
 Finish : Galvanized
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for wire or fibre rope

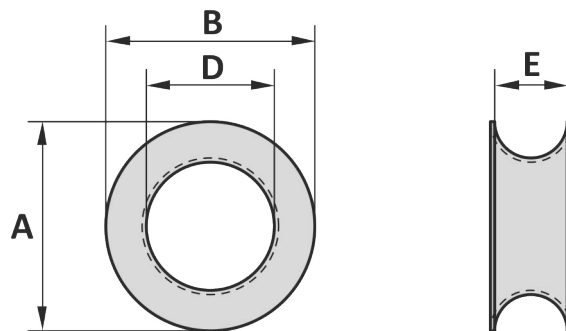


Art. No.	A inch	B mm	C mm	D mm	E mm	Packing	Weight kg/100
13030000	3	61	47	34	18	25	18
13035000	3 ½	70	60	39	21	25	28
13040000	4	93	72	54	24	25	45
13045000	4 ½	97	80	55	27	25	55
13050000	5	100	90	60	30	25	60
13060000	6	115	102	68	36	10	73
13080000	8	160	140	100	38	10	160

Tolerance: Forged parts ± 5%

Art. No.	A inch	B inch	C inch	D inch	E inch	Packing	Weight lbs/100
13030000	3	2 13/32	1 27/32	1 11/32	23/32	25	40
13035000	3 ½	2 ¾	2 3/8	1 17/32	13/16	25	62
13040000	4	3 21/32	2 27/32	2 1/8	15/16	25	99
13045000	4 ½	3 13/16	3 5/32	2 5/32	1 1/16	25	121
13050000	5	3 15/16	3 9/16	2 3/8	1 3/16	25	132
13060000	6	4 17/32	4	2 11/16	1 13/32	10	161
13080000	8	6 5/16	5 ½	3 15/16	1 ½	10	353

Tolerance: Forged parts ± 5%



Art. No.	A inch	B mm	D mm	E mm	Packing	Weight kg/100
13102500	2 ½	68	41	21	25	21
13103000	3	72	48	26	25	28
13103500	3 ½	98	60	34	25	32

Tolerance: Forged parts ± 5%

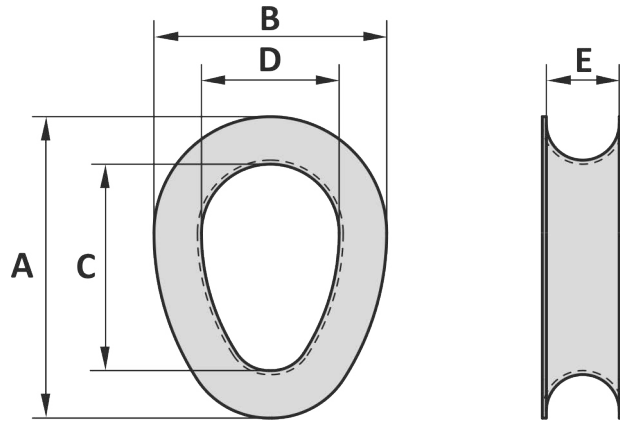
Art. No.	A inch	B inch	D inch	E inch	Packing	Weight lbs/100
13102500	2 ½	2 11/16	1 5/8	13/16	25	46
13103000	3	2 27/32	1 ¾	1 1/32	25	62
13103500	3 ½	3 ¾	2 ¾	1 11/32	25	71

Tolerance: Forged parts ± 5%

27-08-2014

Material : Mild steel
 Finish : Self colored/Galvanized
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

Suitable for wire or fibre rope

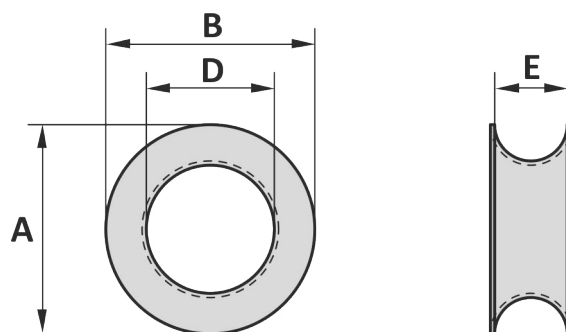


Art. No.	A inch	B mm	C mm	D mm	E mm	Finish	Packing	Weight kg/100
13800000	4	93	72	54	18	Self colored	25	45
13900000	4	93	72	54	18	Galvanized	25	45

Tolerance: Forged parts ± 5%

Art. No.	A inch	B inch	C inch	D inch	E inch	Finish	Packing	Weight lbs/100
13800000	4	3 ²¹ / ₃₂	2 ²⁷ / ₃₂	2 ¹ / ₈	²³ / ₃₂	Self colored	25	99
13900000	4	3 ²¹ / ₃₂	2 ²⁷ / ₃₂	2 ¹ / ₈	²³ / ₃₂	Galvanized	25	99

Tolerance: Forged parts ± 5%



Art. No.	A inch	B mm	D mm	E mm	Finish	Packing	Weight kg/100
13880000	3 ¹ / ₄	81	50	18	Self colored	25	45
13980000	3 ¹ / ₄	81	50	18	Galvanized	25	45

Tolerance: Forged parts ± 5%

Art. No.	A inch	B inch	D inch	E inch	Finish	Packing	Weight lbs/100
13880000	3 ¹ / ₄	3 ³ / ₁₆	1 ³¹ / ₃₂	²³ / ₃₂	Self colored	25	99
13980000	3 ¹ / ₄	4 ¹⁵ / ₁₆	1 ³¹ / ₃₂	²³ / ₃₂	Galvanized	25	99

Tolerance: Forged parts ± 5%

Material : Cast steel
 Finish : Self colored
 Temperature range : -20°C up to +200°C
 Standard certification : Certificate of Conformity

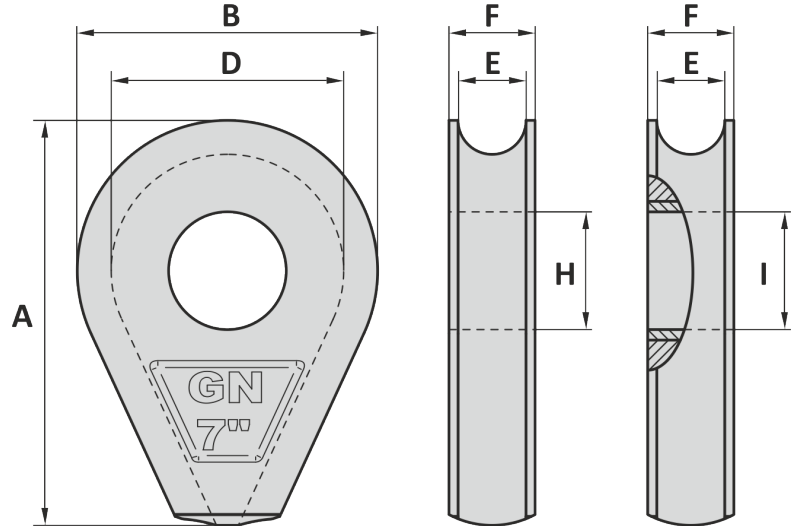
*Subsurface blowholes can occur on the inside of a cast and are usually not visible until machining.
 Blowholes can be caused by air entrained in the melt, steam or smoke from the casting sand or other gases from the melt or mould, but does not affect the quality of the steel.*

Suitable for wire rope

Special holes for fittings or holes with (bronze) bushes on request

Maximum hole diameter for special hole is H max

Maximum inside diameter for (bronze) bushes is I max



For the correct article number fill in the hole diameter in mm on the grey and underscored numbers

Art. No.	Size inch	Rope size mm	A mm	B mm	D mm	E mm	F mm	H mm	H max mm	I max mm	Weight kg
16020000	2	7 - 8	66	40	31	9	15	14	20	10	0.16
16027500	2 ½	9 - 10	82	50	38	11	18	18	25	15	0.29
16030000	3	11 - 12	98	60	45	13	20	21	30	20	0.46
16035000	3 ½	13 - 15	114	70	53	16	24	25	35	25	0.72
16040 <u>4</u> 00	4	16 - 18	110	75	58	19	26	30 / 40	45	35	0.79
16050 <u>4</u> 50	5	19 - 21	130	92	65	23	30	30 / 40 / 45	50	40	1.3
16060 <u>5</u> 50	6	22 - 24	150	110	82	26	33	30 / 40 / 45 / 55	60	50	2.1
16070 <u>6</u> 00	7	25 - 30	180	127	96	32	40	30 / 40 / 52 / 60	70	60	3.6
16080 <u>7</u> 00	8	31 - 33	200	140	100	35	43	30 / 42 / 55 / 70	75	65	4.4
16090 <u>1</u> 00	9	34 - 37	225	160	122	39	47	50 / 70 / 90 / 100	100	80	6.2
16100 <u>1</u> 00	10	38 - 40	250	170	127	43	57	50 / 70 / 100	105	85	9.1
16120 <u>1</u> 05	12	41 - 51	305	210	160	54	69	60 / 80 / 105	120	100	17
16140 <u>1</u> 10	14	52 - 57	355	240	181	61	80	75 / 110	140	120	26
16170 <u>1</u> 22	17	58 - 64	431	290	230	68	92	85 / 122	160	140	46
16230 <u>1</u> 30	24	65 - 83	597	387	310	88	114	130	200	180	101

Tolerance: ± 5%

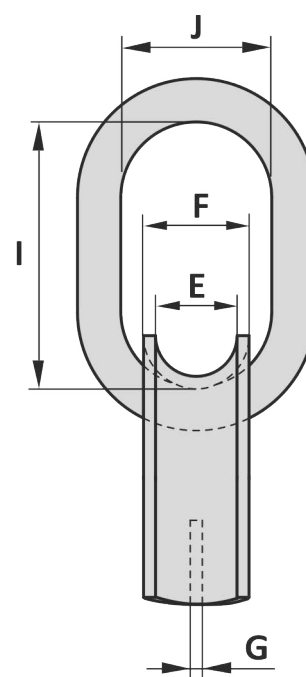
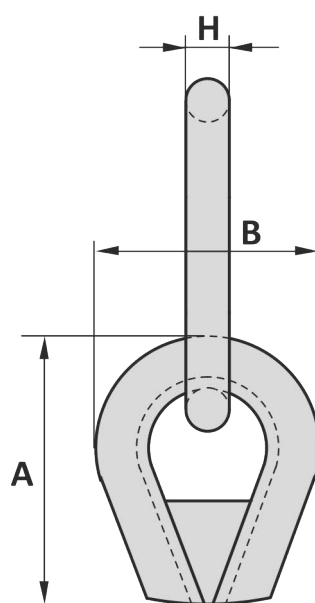
Art. No.	Size inch	Rope size inch	A inch	B inch	D inch	E inch	F inch	H inch	H max inch	I max inch	Weight lbs
16020000	2	$\frac{9}{32}$ - $\frac{5}{16}$	2 $\frac{19}{32}$	1 $\frac{9}{16}$	1 $\frac{7}{32}$	$\frac{11}{32}$	$\frac{19}{32}$	$\frac{9}{16}$	$\frac{25}{32}$	$\frac{3}{8}$	0.35
16027500	2 ½	$\frac{11}{32}$ - $\frac{3}{8}$	3 $\frac{7}{32}$	1 $\frac{31}{32}$	1 ½	$\frac{7}{16}$	$\frac{23}{32}$	$\frac{23}{32}$	1	$\frac{19}{32}$	0.64
16030000	3	$\frac{7}{16}$ - $\frac{15}{32}$	3 $\frac{7}{8}$	2 $\frac{3}{8}$	1 $\frac{25}{32}$	$\frac{1}{2}$	$\frac{25}{32}$	$\frac{13}{16}$	1 $\frac{3}{16}$	$\frac{25}{32}$	1.0
16035000	3 ½	$\frac{1}{2}$ - $\frac{19}{32}$	4 ½	2 $\frac{3}{4}$	2 $\frac{3}{32}$	$\frac{5}{8}$	$\frac{15}{16}$	1	1 $\frac{3}{8}$	1	1.6
16040 <u>4</u> 00	4	$\frac{5}{8}$ - $\frac{23}{32}$	4 $\frac{5}{16}$	2 $\frac{15}{16}$	2 $\frac{9}{32}$	$\frac{3}{4}$	1 $\frac{1}{32}$	1 $\frac{3}{16}$ / 1 $\frac{1}{16}$	1 $\frac{25}{32}$	1 $\frac{3}{8}$	1.7
16050 <u>4</u> 50	5	$\frac{3}{4}$ - $\frac{13}{16}$	5 $\frac{5}{8}$	3 $\frac{3}{8}$	2 $\frac{9}{16}$	$\frac{29}{32}$	1 $\frac{3}{16}$	1 $\frac{3}{16}$ / 1 $\frac{1}{16}$ / 1 $\frac{25}{32}$	1 $\frac{31}{32}$	1 $\frac{1}{16}$	2.9
16060 <u>5</u> 50	6	$\frac{7}{8}$ - $\frac{15}{16}$	5 $\frac{29}{32}$	4 $\frac{3}{8}$	3 $\frac{3}{32}$	1 ½	1 $\frac{5}{16}$	1 $\frac{1}{16}$ / 1 $\frac{1}{16}$ / 1 $\frac{25}{32}$ / 2 $\frac{25}{32}$	2 $\frac{3}{8}$	1 $\frac{31}{32}$	4.6
16070 <u>6</u> 00	7	1 - 1 $\frac{3}{16}$	7 $\frac{3}{32}$	5	3 $\frac{25}{32}$	1 ¼	1 $\frac{9}{16}$	1 $\frac{1}{16}$ / 1 $\frac{1}{16}$ / 2 $\frac{1}{16}$ / 2 $\frac{3}{8}$	2 $\frac{3}{4}$	2 $\frac{3}{8}$	7.9
16080 <u>7</u> 00	8	1 $\frac{3}{32}$ - 1 $\frac{5}{16}$	7 $\frac{7}{8}$	5 ½	3 $\frac{15}{16}$	1 $\frac{3}{8}$	1 $\frac{11}{16}$	1 $\frac{3}{16}$ / 1 $\frac{21}{32}$ / 2 $\frac{5}{32}$ / 2 $\frac{3}{4}$	2 $\frac{15}{16}$	2 $\frac{1}{16}$	9.7
16090 <u>1</u> 00	9	1 $\frac{11}{32}$ - 1 $\frac{1}{16}$	8 $\frac{7}{8}$	6 $\frac{5}{16}$	4 $\frac{13}{16}$	1 $\frac{17}{32}$	1 $\frac{27}{32}$	1 $\frac{31}{32}$ / 2 $\frac{3}{4}$ / 3 $\frac{1}{16}$ / 3 $\frac{15}{16}$	3 $\frac{15}{16}$	3 $\frac{5}{32}$	14
16100 <u>1</u> 00	10	1 ½ - 1 $\frac{1}{16}$	9 $\frac{27}{32}$	6 $\frac{11}{16}$	5	1 $\frac{11}{16}$	2 ¼	1 $\frac{31}{32}$ / 2 $\frac{3}{4}$ / 3 $\frac{15}{16}$	4 $\frac{1}{8}$	3 $\frac{11}{32}$	20
16120 <u>1</u> 05	12	1 $\frac{3}{8}$ - 2	12	8 ¼	6 $\frac{5}{16}$	2 ½	2 $\frac{23}{32}$	2 $\frac{3}{8}$ / 3 $\frac{5}{32}$ / 4 $\frac{1}{8}$	4 $\frac{23}{32}$	3 $\frac{15}{16}$	37
16140 <u>1</u> 10	14	2 $\frac{1}{16}$ - 2 ¼	13 $\frac{31}{32}$	9 $\frac{7}{16}$	7 $\frac{7}{8}$	2 $\frac{13}{32}$	3 $\frac{5}{32}$	2 $\frac{15}{16}$ / 4 $\frac{1}{16}$	5 ½	4 $\frac{23}{32}$	57
16170 <u>1</u> 22	17	2 $\frac{5}{32}$ - 2 ½	16 $\frac{31}{32}$	11 $\frac{13}{32}$	9 $\frac{9}{16}$	2 $\frac{11}{16}$	3 $\frac{3}{8}$	3 $\frac{11}{32}$ / 4 $\frac{13}{16}$	6 $\frac{5}{16}$	5 ½	101
16230 <u>1</u> 30	24	2 $\frac{1}{16}$ - 3 ¼	23 ½	15 ¼	12 $\frac{1}{16}$	3 $\frac{15}{32}$	4 ½	5 ½	7 $\frac{7}{8}$	7 $\frac{3}{32}$	223

Tolerance: ± 5%

20-09-2022

Material : Thimble: Mild steel
Link: Alloy steel
Finish : Painted
Temperature range : -20°C up to +200°C
Standard certification : Certificate of Conformity

Suitable for fibre rope
Special link or thimble on request



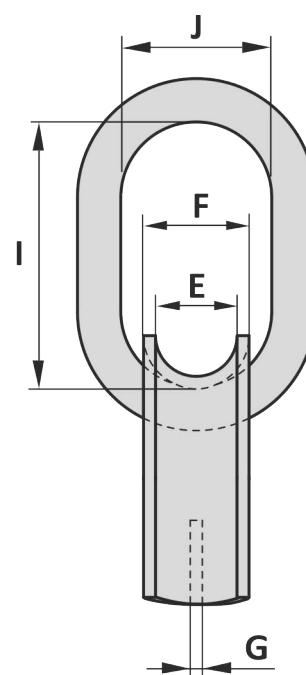
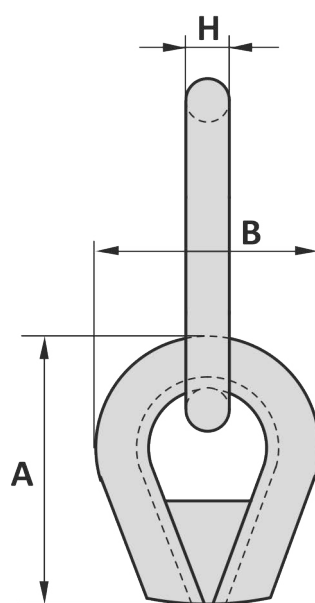
Art. No.	Rope size inch	MBL link ton	A mm	B mm	E mm	F mm	G mm	H mm	I mm	J mm	Weight kg
17090045	9 - 10 ½	104	385	300	100	130	20	45	340	180	35
17090051	9 - 10 ½	144	385	300	100	130	20	51	350	190	39
17090057	9 - 10 ½	188	385	300	100	130	20	57	400	200	46
17090063	9 - 10 ½	232	385	300	100	130	20	63	430	220	54
17125057	12 ½ - 13	188	470	320	115	155	20	57	400	200	56
17125063	12 ½ - 13	232	470	320	115	155	20	63	430	220	64
17125072	12 ½ - 13	336	470	320	115	155	20	72	460	250	77
17125080	12 ½ - 13	420	470	320	115	155	20	80	450	250	88
17140063	14 - 15	232	560	390	135	175	30	63	430	220	78
17140072	14 - 15	336	560	390	135	175	30	72	460	250	91
17140080	14 - 15	420	560	390	135	175	30	80	450	250	102
17160072	16 - 18	336	560	390	155	195	30	72	460	250	93
17160080	16 - 18	420	560	390	155	195	30	80	450	250	104
17160090	16 - 18	524	560	390	155	195	30	90	460	300	125
17190080	19 - 20	420	600	450	180	220	30	80	450	250	116
17190090	19 - 20	524	600	450	180	220	30	90	460	300	137
17190100	19 - 20	628	600	450	180	220	30	100	500	300	161
17210090	20 - 21	524	620	480	205	245	30	90	460	300	148
17210100	20 - 21	628	620	480	205	245	30	100	500	300	172
17210115	20 - 21	1000	620	480	205	245	30	115	600	400	234

Tolerance: ± 5%

28-11-2017

Material : Thimble: Mild steel
Link: Alloy steel
Finish : Painted
Temperature range : -4°F up to +392°F
Standard certification : Certificate of Conformity

Suitable for fibre rope
Special link or thimble on request

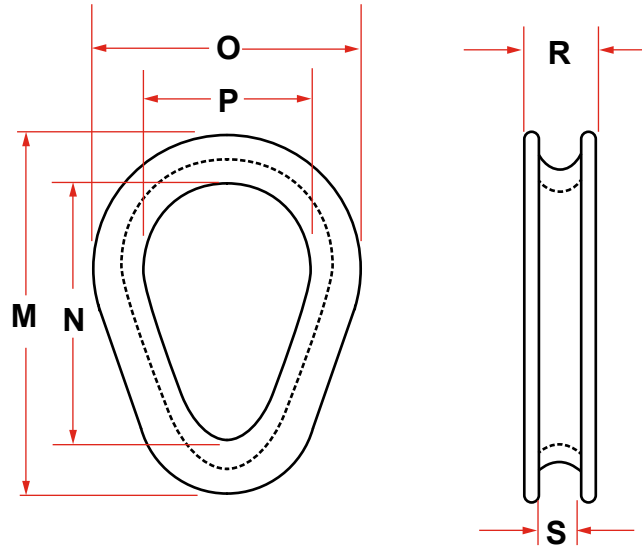


Art. No.	Rope size inch	MBL link ton	A inch	B inch	E inch	F inch	G inch	H inch	J inch	I inch	Weight lbs
17090045	9 - 10 ½	104	15 ⅝	11 ⅜	3 ⅝	5 ⅞	2 ⅝	1 ⅝	13 ⅜	7 ⅜	77
17090051	9 - 10 ½	144	15 ⅝	11 ⅜	3 ⅝	5 ⅞	2 ⅝	2	13 ⅝	7 ⅝	86
17090057	9 - 10 ½	188	15 ⅝	11 ⅜	3 ⅝	5 ⅞	2 ⅝	2 ¼	15 ¾	7 ⅞	101
17090063	9 - 10 ½	232	15 ⅝	11 ⅜	3 ⅝	5 ⅞	2 ⅝	2 ⅝	16 ⅝	8 ⅝	119
17125057	12 ½ - 13	188	18 ½	12 ⅝	4 ⅝	6 ⅝	2 ⅝	2 ¼	15 ¾	7 ⅞	123
17125063	12 ½ - 13	232	18 ½	12 ⅝	4 ⅝	6 ⅝	2 ⅝	2 ⅝	16 ⅝	8 ⅝	141
17125072	12 ½ - 13	336	18 ½	12 ⅝	4 ⅝	6 ⅝	2 ⅝	2 ⅝	18 ⅞	9 ⅝	170
17125080	12 ½ - 13	420	18 ½	12 ⅝	4 ⅝	6 ⅝	2 ⅝	3 ⅝	17 ⅝	9 ⅝	194
17140063	14 - 15	232	22 ⅞	15 ⅝	5 ⅝	6 ⅞	1 ⅞	2 ⅝	16 ⅝	8 ⅝	172
17140072	14 - 15	336	22 ⅞	15 ⅝	5 ⅝	6 ⅞	1 ⅞	2 ⅝	18 ⅞	9 ⅝	201
17140080	14 - 15	420	22 ⅞	15 ⅝	5 ⅝	6 ⅞	1 ⅞	3 ⅝	17 ⅝	9 ⅝	225
17160072	16 - 18	336	22 ⅞	15 ⅝	6 ⅝	7 ⅞	1 ⅞	2 ⅝	18 ⅞	9 ⅝	205
17160080	16 - 18	420	22 ⅞	15 ⅝	6 ⅝	7 ⅞	1 ⅞	3 ⅝	17 ⅝	9 ⅝	229
17160090	16 - 18	524	22 ⅞	15 ⅝	6 ⅝	7 ⅞	1 ⅞	2 ⅝	18 ⅞	11 ⅝	276
17190080	19 - 20	420	23 ⅞	17 ⅝	7 ⅝	8 ⅝	1 ⅞	3 ⅝	17 ⅝	9 ⅝	256
17190090	19 - 20	524	23 ⅞	17 ⅝	7 ⅝	8 ⅝	1 ⅞	3 ⅞	18 ⅞	11 ⅝	302
17190100	19 - 20	628	23 ⅞	17 ⅝	7 ⅝	8 ⅝	1 ⅞	3 ⅝	19 ⅞	11 ⅝	355
17210090	20 - 21	524	24 ⅝	18 ⅝	8 ⅞	9 ⅝	1 ⅞	3 ⅞	18 ⅞	11 ⅝	326
17210100	20 - 21	628	24 ⅝	18 ⅝	8 ⅞	9 ⅝	1 ⅞	3 ⅞	19 ⅞	11 ⅝	379
17210115	20 - 21	1000	24 ⅝	18 ⅝	8 ⅞	9 ⅝	1 ⅞	4 ⅝	23 ⅞	15 ⅞	516

Tolerance: ± 5%

28-11-2017

HAWSER THIMBLES



HEAVY DUTY HAWSER THIMBLE GALVANIZED OR SELF-COLORED

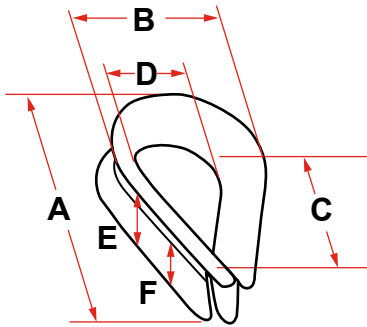
CAST, 1035 S

DIMENSIONS (INCHES)							WEIGHT (LBS.)
ROPE DIAMETER	M	N	O	P	R	S	
5/8 - 3/4	6-3/4	4-7/8	5	3	1-1/4	13/16	2-1/2
7/8 - 1	8-5/8	5-3/4	6-1/4	3-3/4	1-7/16	1-1/16	4-1/2
1-1/8 - 1-1/4	10-1/8	6-3/4	7-1/4	4-1/4	1-11/16	1-5/16	9
1-3/8 - 1-1/2	11-1/2	8	8-1/2	5	2-1/4	1-5/8	14
1-5/8 - 1-3/4	12-1/2	8	9-3/4	5	2-1/2	1-7/8	20
1-7/8 - 2	14-3/4	9-1/4	11-1/4	5-3/4	2-3/4	2-3/16	30
2-1/8 - 2-1/4	17	10-1/2	12-3/4	6-1/4	3-1/4	2-1/2	52
2-3/8 - 2-1/2	21	14-1/2	15-1/2	9-1/2	3-3/4	2-3/4	80
2-3/4 - 3	21	14-1/8	16	9	4-1/4	3-1/4	115

Larger Sized Available Upon Application.
Furnished with or without Reinforcement Plate (*Gusset). Cast Alloy Available upon Request.

WIRE ROPE THIMBLES

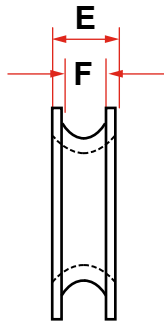
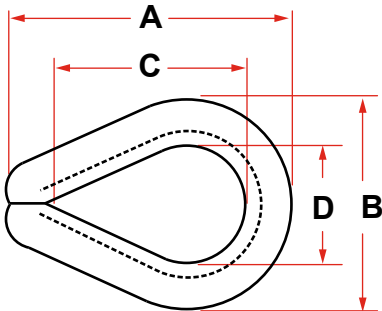
STANDARD WIRE ROPE THIMBLES, GALVANIZED STEEL



CLIP AND ROPE SIZE (INCHES)	DIMENSIONS (INCHES)						MAXIMUM PIN DIAMETER (INCHES)	WEIGHT LBS. PER 100
	A OVERALL	B OVERALL	C INSIDE	D INSIDE	E OVERALL	F INSIDE WIDTH OF SCORE		
1/8	1-15/16	1-1/16	1-5/16	11/16	1/4	5/32	5/8	3.3
3/16	1-15/16	1-1/16	1-5/16	11/16	5/16	7/32	5/8	3.4
1/4*	1-15/16	1-1/16	1-5/16	11/16	3/8	9/32	5/8	3.5
5/16*	2-1/8	1-1/4	1-1/2	13/16	7/16	3/8	3/4	4.0
3/8*	2-3/8	1-15/32	1-5/8	15/16	17/32	7/16	7/8	7.5
1/2*	2-3/4	1-3/4	1-7/8	1-1/8	11/16	9/16	1-1/16	15.8
5/8*	3-1/2	2-3/8	2-1/4	1-3/8	29/32	11/16	1-1/4	36.0
3/4	3-3/4	2-11/16	2-1/2	1-5/8	1-3/32	13/16	1-1/2	50.0
7/8	5	3-3/16	3-1/2	1-7/8	1-9/32	15/16	1-3/4	90.0
1	5-11/16	3-3/4	4-1/4	2-1/2	1-3/8	1-1/16	2-3/8	105.0
1-1/8 - 1-1/4	6-1/4	4-5/16	4-1/2	2-3/4	1-3/4	1-5/16	2-5/8	176.0
1-1/2	7-1/2	5-3/8	5	3-1/4	2-1/16	1-9/16	3-1/8	330.0
1-3/4	10-3/4	7-1/4	7-1/4	4-1/4	1-3/8	1-7/8	4-1/8	590.0
2	10-3/4	7-1/4	7-1/4	4-1/4	2-5/8	2-1/8	4-1/8	595.0

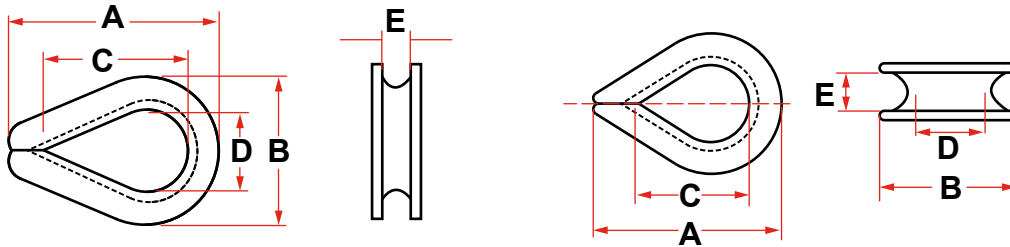
* Available in opened pattern. Suggested for light duty service only.

EXTRA HEAVY DUTY WIRE ROPE THIMBLES, GALVANIZED STEEL



CLIP AND ROPE SIZE (INCHES)	DIMENSIONS (INCHES)						MAXIMUM PIN DIAMETER (INCHES)	WEIGHT LBS. PER 100
	A OVERALL	B OVERALL	C INSIDE	D INSIDE	E OVERALL	F INSIDE WIDTH OF SCORE		
1/4*	2-3/16	1-1/2	1-5/8	7/8	13/32	9/32	13/16	7.5
5/16*	2-1/2	1-13/16	1-7/8	1-1/16	1/2	11/32	15/16	14.0
3/8*	2-7/8	2-1/8	2-1/8	1-1/8	21/32	13/32	1-1/16	25.0
7/16	3-1/4	2-3/8	2-3/8	1-1/4	3/4	15/32	1-3/16	36.0
1/2*	3-5/8	2-3/4	2-3/4	1-1/2	27/32	17/32	1-7/16	51.0
9/16	3-5/8	2-11/16	2-3/4	1-1/2	29/32	19/32	1-7/16	52.0
5/8*	4-1/4	3-1/8	3-1/4	1-3/4	1	21/32	1-5/8	75.0
3/4*	5	3-13/16	3-3/4	2	1-1/4	25/32	1-7/8	147.0
7/8	5-1/2	4-1/4	4-1/4	2-1/4	1-3/8	15/16	2-1/8	185.0
1*	6-1/8	4-15/16	4-1/2	2-1/2	1-9/16	1-1/16	2-3/8	295.0
1-1/8 - 1-1/4	7	5-7/8	5-1/8	2-7/8	1-7/8	1-5/16	2-3/4	390.0
1-1/4 - 1-3/8	9-1/16	6-13/16	6-1/2	3-1/2	2-1/4	1-7/16	3-1/4	820.0
1-3/8 - 1-1/2	9	7-1/8	6-1/4	3-1/2	2-5/8	1-9/16	3-3/8	1175.0
1-5/8	11-1/4	8-1/8	8	4	2-3/4	1-23/32	3-7/8	1625.0
1-3/4	12-3/16	8-1/2	9	4-1/2	2-7/8	1-27/32	4-3/8	1800.0
1-7/8 - 2	15-1/8	10-3/8	12	6	3-1/8	2-3/32	5-7/8	2600.0
2-1/4	17-1/8	11-7/8	14	7	3-5/8	2-3/8	6-7/8	3880.0
2-1/2**	20-1/2	13-1/2	15-3/4	8-1/2	4-1/4	2-5/8	8-1/4	7500.0

* Available in stainless steel. A rugged rope thimble suggested for heavy duty services. ** Available in Cast Steel. Larger sizes available per request (with or without Gusset Plates).



HEAVY DUTY WIRE ROPE THIMBLE

REGULAR WIRE ROPE THIMBLE

According to Federal Specification FF-C-450, Type III, Class I.

STAINLESS HEAVY DUTY WIRE ROPE THIMBLES - TYPE 304 & 316

SIZE (INCHES)	DIMENSIONS (INCHES)					APPROX. WEIGHT (LBS.)
	A	B	C	D	E	
1/4	2.19	1.50	1.63	0.88	0.44	0.08
5/16	2.50	1.88	1.88	1.13	0.50	0.10
3/8	2.88	2.09	2.09	1.13	0.66	0.25
1/2	3.63	2.63	2.75	1.50	0.88	0.45
5/8	4.25	3.09	3.25	1.75	1.00	0.68
3/4	5.00	3.50	3.75	2.00	1.25	1.20
7/8	5.66	4.19	4.31	2.25	1.50	1.85
1	6.13	4.63	5.00	2.50	1.56	2.20
1-1/8 - 1-1/4	7.13	5.33	5.38	2.88	1.88	3.80
1-1/4 - 1-3/8	8.38	6.67	6.50	3.50	2.25	8.60

STAINLESS REGULAR WIRE ROPE THIMBLES - TYPE 316

SIZE (INCHES)	DIMENSIONS (INCHES)					APPROX. WEIGHT (LBS.)
	A	B	C	D	E	
1/16						0.01
1/8	1.88	1.06	1.25	0.69	0.16	0.02
3/16	1.88	1.06	1.25	0.69	0.22	0.02
1/4	1.94	1.06	1.31	0.69	0.28	0.03
5/16	2.13	1.25	1.50	0.81	0.38	0.05
3/8	2.38	1.47	1.63	0.94	0.44	0.06
1/2	2.75	1.75	1.88	1.13	0.56	0.12
5/8	3.50	2.38	2.25	1.38	0.69	0.24