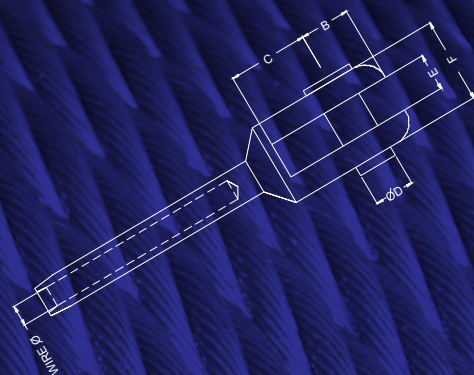
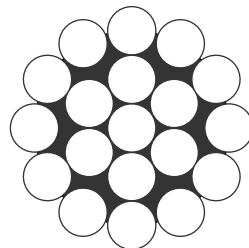




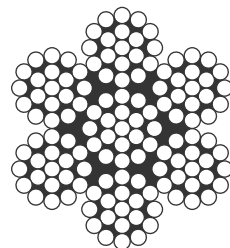
Catálogo 2015 Marine Rigging

* Wire Rigging

Composed of high-tensile 316/304 Stainless Steel, Flexocable Wire Rigging is used in standing and running rigging. It is constructed to unlay and relay easily, and our dimensions and tensile grades meet or exceed BS MA 29 tolerances for nominal diameter, tensile strength, and breaking-force thresholds.



1X19



7X19



AISI 316

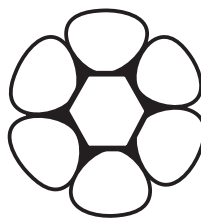
Código	Cons.	Diametro	Kg X Metro	Carga Ruptura en Kg Aprox.
02-Cia-14	1 X 19 RIG.	5 mm	0.0072	115 Kg
02-Cia-15	1 X 19 RIG.	6 mm	0.164	2650 Kg
02-Cia-16	1 X 19 RIG.	8 mm	0.268	4120 Kg
02-Cia-17	1 X 19 RIG.	10 mm	0.387	6560 Kg
02-Cia-18	1 X 19 RIG.	12 mm	0.684	11500 K

AISI 304

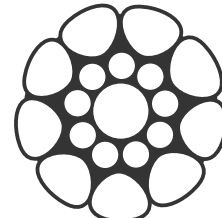
Código	Cons.	Diametro	Kg X Metro	Carga Ruptura en Kg Aprox.
02-Cia-13	7 X 19	8 mm (5/16")	0.268	4120 Kg
02-Cia-12	7 X 19	9.5 mm (3/8")	0.387	6560 Kg

* Dyform Wire

Dyform's low-stretch characteristic makes it a highperformance solution for yachts and dinghies. The integrated strand configuration means greater density through the cross section, resulting in greater resistance to stretch and a higher breaking load than standard 1x19 wire.



Dyform 1X7

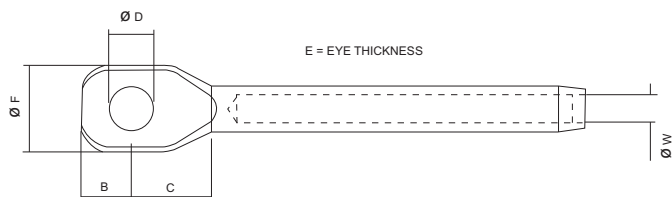


Dyform 1X19

Swage Eye

316 Stainless Steel traditional wire and eye terminal.

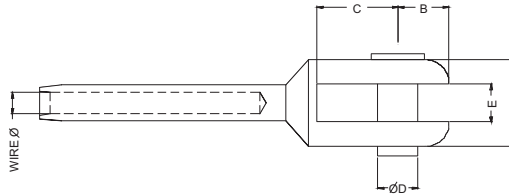
* Swage Eye



WIRE DIA		B		C		D Dia		E		F Dia	
mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins
2.5	3/32	7	0.276	11	0.433	6.5	0.256	5.5	0.217	13	0.512
3	-	7	0.276	11	0.433	6.5	0.256	5.5	0.217	13	0.512
-	1/8	7	0.276	11	0.433	6.5	0.256	5.5	0.217	13	0.512
4	5/32	8.2	0.323	16	0.630	8.1	0.319	6.7	0.264	16	0.630
-	3/16	10	0.394	18	0.709	9.7	0.382	8	0.315	19	0.748
5	-	10	0.394	19.5	0.768	9.7	0.382	8	0.315	19	0.748
-	7/32	12.5	0.492	19.5	0.768	11.3	0.445	9.5	0.374	23	0.906
6	-	12.5	0.492	19.5	0.768	11.3	0.445	9.5	0.374	23	0.906
-	1/4	12.5	0.492	19.5	0.768	9.7	0.382	9.5	0.374	23	0.906
-	1/4	12.5	0.492	19.5	0.768	11.3	0.445	9.5	0.374	23	0.906
-	1/4	15	0.591	22.5	0.886	13	0.512	9.5	0.374	26	1.024
7	9/32	15	0.591	22	0.866	13	0.512	10.8	0.425	27	1.063
8	5/16	16	0.630	23	0.906	13	0.512	12.5	0.492	27	1.063
8	5/16	18	0.709	28	1.102	16.2	0.638	12.5	0.492	33	1.299
-	3/8	18	0.709	28	1.102	13	0.512	13.5	0.531	33	1.299
-	3/8	18	0.709	28	1.102	16.25	0.640	13.5	0.531	33	1.299
10	-	18	0.709	28	1.102	16.25	0.640	13.5	0.531	33	1.299
11	7/16	21	0.827	39	1.535	19.25	0.758	18	0.709	40	1.575
12	-	21	0.827	39	1.535	19.25	0.758	18	0.709	40	1.575
12	-	25	0.984	41	1.614	22.5	0.886	18	0.709	47.5	1.870
-	1/2	21	0.827	39	1.535	19.25	0.758	18	0.709	40	1.575
-	1/2	25	0.984	41	1.614	22.5	0.886	18	0.709	47.5	1.870
14	9/16	25	0.984	41	1.614	22.5	0.886	21	0.827	47.5	1.870
16	5/8	27.5	1.083	44.5	1.752	25.75	1.014	24	0.945	54	2.126
19	3/4	30	1.181	50	1.969	29	1.142	25.7	1.012	57	2.244
22	7/8	38	1.496	53.5	2.114	32	1.260	28.7	1.130	63	2.770
26	1	42	1.654	61.5	2.421	32	1.260	31.3	1.232	71	2.795
26	1	42	1.654	63	2.480	35.5	1.398	31.3	1.232	71	2.795
28	1 1/8	45	1.772	75	2.953	38.25	1.506	34	1.339	90	3.543

Swage Fork Terminal Swage Toggle Fork

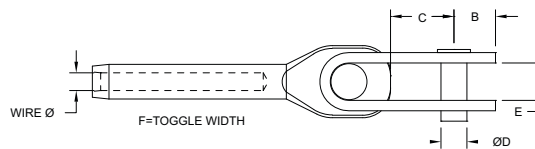
* Swage Fork Terminal



WIRE Ø		B		C		D		E		F	
mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins
2.5	3/32	8.0	0.315	13.0	0.512	6.3	0.248	6.3	0.248	14.0	0.551
3	-	8.0	0.315	13.0	0.512	6.3	0.248	6.3	0.248	14.0	0.551
-	1/8	8.0	0.315	13.0	0.512	6.3	0.248	6.3	0.248	14.0	0.551
4	5/32	10.0	0.394	16.0	0.630	7.9	0.311	7.9	0.311	19.0	0.748
-	3/16	12.0	0.472	19.0	0.748	9.5	0.374	9.5	0.374	22.0	0.866
5	-	12.0	0.472	19.0	0.748	9.5	0.374	9.5	0.374	22.0	0.866
-	7/32	14.0	0.551	22.0	0.866	11.1	0.437	11.1	0.437	28.5	1.122
6	-	12.0	0.472	19.0	0.748	9.5	0.374	9.5	0.374	22.0	0.866
-	1/4	14.0	0.551	22.0	0.866	11.1	0.437	11.1	0.437	28.5	1.122
7	9/32	16.0	0.630	25.5	1.004	12.7	0.500	12.7	0.500	31.5	1.240
8	5/16	16.0	0.630	25.5	1.004	12.7	0.500	12.7	0.500	31.5	1.240
8	5/16	20.0	0.787	32.0	1.260	15.8	0.622	15.8	0.622	37.8	1.488
-	3/8	20.0	0.787	32.0	1.260	15.8	0.622	15.8	0.622	37.8	1.488
10	-	20.0	0.787	32.0	1.260	15.8	0.622	15.8	0.622	37.8	1.488
11	7/16	24.0	0.945	38.0	1.496	19.0	0.748	19.0	0.748	47.3	1.862
12	-	24.0	0.945	38.0	1.496	19.0	0.748	19.0	0.748	47.3	1.862
-	1/2	24.0	0.945	38.0	1.496	19.0	0.748	19.0	0.748	47.3	1.862
14	9/16	28.0	1.102	44.5	1.752	22.2	0.874	22.2	0.874	54.0	2.126



* Swage Toggle Fork



WIRE Ø		B		C		D		E		F	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
-	3/32	8.0	0.315	16	0.630	6.3	0.248	7.0	0.276	16.0	0.630
3	-	8.0	0.315	16	0.630	6.3	0.248	7.0	0.276	16.0	0.630
-	1/8	8.0	0.315	16	0.630	6.3	0.248	7.0	0.276	16.0	0.630
4	5/32	10.0	0.394	20	0.787	7.9	0.311	9.0	0.354	20.0	0.787
-	3/16	12.0	0.472	21	0.827	9.5	0.374	12.0	0.472	25.0	0.984
5	-	12.0	0.472	21	0.827	9.5	0.374	12.0	0.472	25.0	0.984
-	7/32	16.0	0.630	25	0.984	11.1	0.437	14.0	0.551	30.0	1.181
6	-	16.0	0.630	25	0.984	11.1	0.437	14.0	0.551	30.0	1.181
-	1/4	20.0	0.787	36	1.417	12.7	0.500	18.0	0.709	30.0	1.181
7	9/32	20.0	0.787	36	1.417	12.7	0.500	18.0	0.709	30.0	1.181
8	5/16	20.0	0.787	36	1.417	12.7	0.500	18.0	0.709	30.0	1.181
8	5/16	20.0	0.787	44	1.732	15.8	0.622	19.0	0.748	40.0	1.575
-	3/8	20.0	0.787	44	1.732	15.8	0.622	19.0	0.748	40.0	1.575
10	-	20.0	0.787	44	1.732	15.8	0.622	19.0	0.748	40.0	1.575
11	7/16	28.0	1.102	52	2.047	19.0	0.748	23.0	0.906	50.0	1.969
12	-	28.0	1.102	52	2.047	19.0	0.748	23.0	0.906	50.0	1.969
-	1/2	28.0	1.102	52	2.047	19.0	0.748	23.0	0.906	50.0	1.969
14	9/16	28.0	1.102	60	2.362	22.2	0.874	27.0	0.984	50.8	2.000

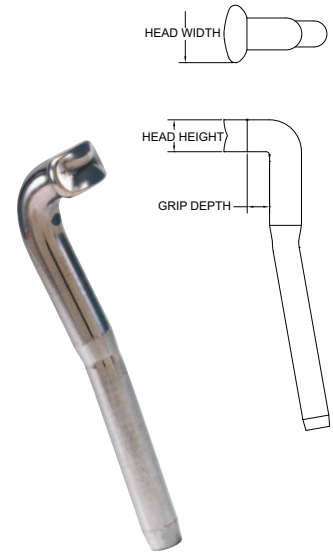


Swage T T-Terminal Backing Plates Swage Stud

* Swage T

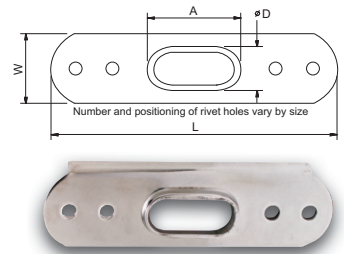
WIRE Ø		PART NUMBER			HEAD HEIGHT		HEAD WIDTH		GRIP DEPTH	
mm	in	Swage Part No.	Backing Plate	Retaining Plug	mm	in	mm	in	mm	in
2	-				6.3	0.25	14.5	0.57	6.0	0.24
2.5	3/32				6.3	0.25	15.5	0.61	6.0	0.24
3	-				6.3	0.25	16.6	0.65	6.0	0.24
-	1/8				6.3	0.25	16.6	0.65	6.0	0.24
4	5/32				9.0	0.35	17.5	0.69	6.4	0.25
-	3/16				11.1	0.44	20.0	0.79	8.0	0.31
5	-				11.1	0.44	20.0	0.79	8.0	0.31
-	7/32				14.3	0.56	28.0	1.10	8.3	0.32
6	-				14.3	0.56	28.0	1.10	8.3	0.32
-	1/4				14.3	0.56	28.0	1.10	8.3	0.32
7	9/32				14.3	0.56	28.0	1.10	8.3	0.32
8	5/16				17.8	0.70	32.0	1.26	12.0	0.47
-	3/8				17.8	0.70	32.0	1.26	12.0	0.47
10	-				17.8	0.70	32.0	1.26	12.0	0.47

Grip depth is distance from bearing point to inside corner of 90 degree bend.



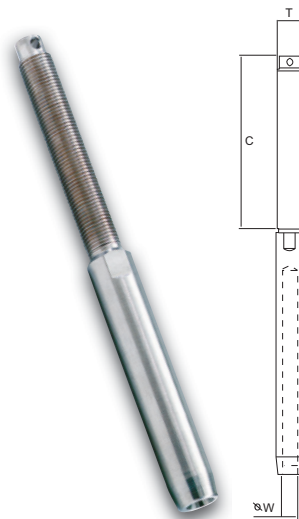
* T-Terminal Backing Plates

WIRE Ø		METRIC PART NO.	A	Ø D	W	L	CONSTRUCTION	RIVET INFO
mm	in							
2, 2.5, 3	3/32, 1/8		.63"	0.4	.59"	1.97"	Stamped	2 X 3/16"
4	5/32		1.22"	.56"	1.04"	3.47"	Stamped	4 X 3/16"
5	3/16		1.09"	.62"	.98"	2.60"	Stamped	2 X 1/4"
6, 7	7/32, 1/4, 9/32		1.59"	.84"	1.55"	4.85"	Stamped	4 X 1/4"
8, 10	5/16, 3/8		1.98"	.99"	1.49"	5.95"	Cast	5 X 1/4"

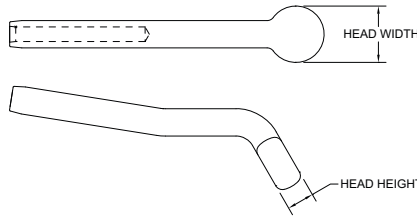


* Swage Stud

WIRE DIAMETER (W)		THREAD (T)	C	
mm	in	UNF	mm	in
3	-	1/4	55	2.17
-	1/8	1/4	55	2.17
4	5/32	5/16	51	2.01
-	3/16	5/16	51	2.01
-	3/16	3/8	65	2.56
5	-	5/16	51	2.01
5	-	3/8	65	2.56
-	7/32	3/8	65	2.56
-	7/32	7/16	72	2.84
6	-	3/8	65	2.56
6	-	7/16	72	2.83
6	-	1/2	80	3.15
-	1/4	3/8	65	2.56
-	1/4	7/16	72	2.84
-	1/4	1/2	80	3.15
7	9/32	7/16	72	2.83
7	9/32	1/2	80	3.15
8	5/16	1/2	80	3.15
8	5/16	5/8	95	3.74
-	3/8	5/8	95	3.74
10	-	5/8	95	3.74
11	7/16	3/4	110	4.33
12	-	3/4	110	4.33
-	1/2	3/4	110	4.33
-	1/2	7/8	138	5.43
14	9/16	7/8	138	5.43

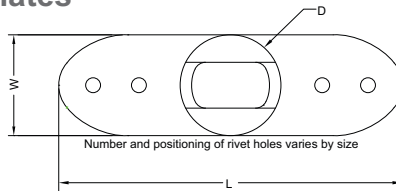


* Swage Shroud Terminal



WIRE Ø		PART NUMBER			HEAD HEIGHT		HEAD WIDTH	
mm	in	Swage Part No.	Backing Plate	Retaining Plug	mm	in	mm	in
-	7/32				10.8	0.425	23.2	0.913
6	-				12.5	0.492	22.5	0.886
-	1/4				12.5	0.492	22.9	0.902
7	9/32				14.3	0.563	29.0	1.142
8	5/16				16.0	0.630	29.0	1.142
9	-				17.8	0.701	30.0	1.181
-	3/8				17.8	0.701	32.5	1.280
10	-				17.8	0.701	32.5	1.280
11	7/16				21.4	0.843	39.0	1.535
12	-				21.4	0.843	39.0	1.535
-	1/2				21.4	0.843	39.0	1.535

* Shroud Terminal Backing Plates



WIRE Ø		METRIC PART NO.	Ø D	W	L	CONSTRUCTION	RIVET INFO
mm	in						
6	7/32, 1/4		1.25"	1.18"	3.75"	Stamped	3 X 1/4"
7	9/32		1.5"	1.50"	4.75"	Stamped	3 X 1/4"
8	5/16		1.6"	1.55"	4.75"	Cast	3 X 1/4"
10	3/8		1.8"	1.75"	5.90"	Cast	4 X 1/4"
12	7/16, 1/2		2.0"	2.00"	7.85"	Cast	5 X 1/4"

* Stemball Cup

OUTER Ø		HOLE Ø	
mm	in	mm	in
21	0.83	11.00	0.43
26	1.02	9.00	0.35
26	1.02	11.00	0.43
26	1.02	13.25	0.52
26	1.02	16.30	0.64
34	1.34	20.00	0.79



* Swage Stemball



WIRE Ø		PART NUMBER		SHAFT Ø		HEAD Ø	
mm	in	PART NO.	CUP NO.	mm	in	mm	in
3	-			6.3	0.25	14.3	0.56
-	1/8			6.3	0.25	14.3	0.56
4	5/32			7.5	0.30	16.3	0.64
-	3/16			9.0	0.35	18.8	0.74
5	-			9.0	0.35	18.8	0.74
-	7/32			10.8	0.43	19.7	0.78
6	-			12.5	0.49	20.3	0.80
-	1/4			12.5	0.49	20.3	0.80
7	9/32			14.2	0.56	22.0	0.87
8	5/16			16.1	0.63	27.3	1.07
-	3/8			17.8	0.70	27.8	1.09
10	-			17.8	0.70	28.0	1.10

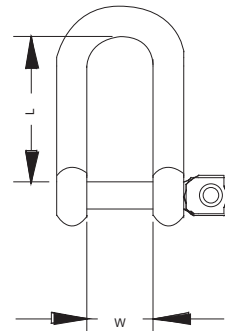
* Open Body Toggle Swage Turnbuckle



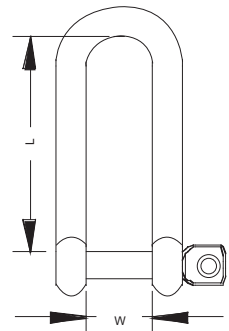
WIRE Ø		THREAD	PIN Ø		TOGGLE GAP		TOGGLE DEPTH		LENGTH OPEN*		LENGTH CLOSED*		BREAKING STRENGTH	
mm	in	U.N.F.	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs
3	-	1/4	6.27	0.247	8.0	0.315	16.0	0.630	235	9.25	155	6.10	1500	3310
-	1/8	1/4	6.27	0.247	8.0	0.315	16.0	0.630	235	9.25	155	6.10	1500	3310
4	5/32	5/16	7.86	0.309	9.0	0.354	20.0	0.787	221	8.70	153	6.02	2270	5010
-	3/16	3/8	9.44	0.372	12.0	0.472	23.0	0.906	285	11.22	193	7.60	3730	8220
5	-	5/16	7.86	0.309	9.0	0.354	20.0	0.787	221	8.70	153	6.02	2270	5010
5	-	3/8	9.44	0.372	12.0	0.472	23.0	0.906	285	11.22	193	7.60	3730	8220
-	7/32	3/8	9.44	0.372	12.0	0.472	23.0	0.906	285	11.22	193	7.60	3730	8220
-	7/32	7/16	11.00	0.433	14.0	0.551	26.0	1.024	321	12.64	215	8.46	4940	10900
6	-	3/8	9.44	0.372	12.0	0.472	23.0	0.906	285	11.22	193	7.60	3730	8220
6	-	7/16	11.00	0.433	14.0	0.551	26.0	1.024	321	12.64	215	8.46	4940	10900
-	1/4	7/16	11.00	0.433	14.0	0.551	26.0	1.024	321	12.64	215	8.46	4990	11000
-	1/4	1/2	12.60	0.496	18.0	0.709	36.0	1.417	364	14.33	252	9.92	6670	14700
7	9/32	7/16	11.00	0.433	14.0	0.551	26.0	1.024	321	12.64	215	8.46	4990	11000
7	9/32	1/2	12.60	0.496	18.0	0.709	36.0	1.417	364	14.33	252	9.92	6670	14700
8	5/16	1/2	12.60	0.496	18.0	0.709	36.0	1.417	364	14.33	252	9.92	6670	14700
8	5/16	5/8	15.77	0.621	19.0	0.748	44.0	1.732	449	17.68	318	12.52	10700	23600
-	3/8	5/8	15.77	0.621	19.0	0.748	44.0	1.732	449	17.68	318	12.52	10700	23600
10	-	5/8	15.77	0.621	19.0	0.748	44.0	1.732	449	17.68	318	12.52	10700	23600
-	7/16	3/4	18.94	0.746	23.0	0.906	52.0	2.047	519	20.43	377	14.84	16600	36600
12	-	3/4	18.94	0.746	23.0	0.906	52.0	2.047	519	20.43	377	14.84	16600	36600
-	1/2	3/4	18.94	0.746	23.0	0.906	52.0	2.047	519	20.43	377	14.84	16600	36600
14	9/16	7/8	22.11	0.870	27.0	1.063	57.0	2.244	619	24.37	439	17.28	20600	45500

* Forged Shackles

Made from 316 Stainless as standard, 17-4 as special order Screw pin as standard, shake proof or socket head pins as special order.



"D" Shackle

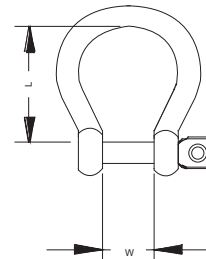


Long "D" Shackle

PIN HOLE DIAMETER		W		"D" SHACKLE			LONG "D" SHACKLE			BREAKING LOAD D&L SHACKLE	
mm	in	mm	in	PART NUMBER	mm	L in	PART NUMBER	mm	L in	kg	lb
4	5/32	8	0.31		16	0.63				800	1760
5	3/16	10	0.39		20	0.79		29	1.14	1500	3300
6	1/4	13	0.51		25	0.98		43	1.69	1950	4300
8	5/16	16	0.63		32	1.26		49	1.93	3000	6600
9.5	3/8	19	0.75		38	1.50		55	2.16	4800	10560

* Bow Shackles

PIN HOLE DIAMETER		W		BOW SHACKLE		
mm	in	mm	in	PART NUMBER	mm	L IN
4	5/32	8	0.31	NSH-05B	18	0.71
5	3/16	10	0.39	NSH-06B	22	0.87
6	1/4	13	0.51	NSH-08B	28	1.10
8	5/16	16	0.63	NSH-10B	35	1.38
9.5	3/8	19	0.75	NSH-12B	38	1.50



Bow Shackle

* Lifeline Turnbuckles



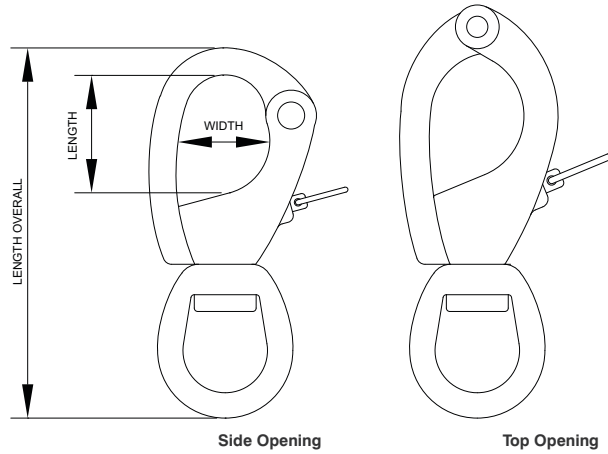
WIRE	THREAD	PIN
4mm	5/16 UNF	5/16
5mm	5/16 UNF	5/16
5mm	3/8 UNF	3/8
6mm	3/8 UNF	3/8

* Thimbles



Made of 316 Stainless Steel.
Available in sizes from 2mm (3/16") to 8mm (5/16")

* Snap Shackles



Side Opening

SIZE	THROAT WIDTH		THROAT LENGTH		LENGTH OVERALL		WEIGHT		BREAKING LOAD	
	mm	in	mm	in	mm	in	kg	lb	kg	lb
1	17	0.687	22	0.875	68	2.687	0.060	0.125	2270	5000
2	22	0.875	28	1.125	89	3.500	0.132	0.297	4126	9100
3	26	1.000	34	1.375	109	4.250	0.255	0.563	6122	13500

Top Opening

1	18	0.687	24	0.937	70	2.750	0.070	0.156	2270	5000
2	22	0.875	29	1.125	98	3.875	0.142	0.313	4126	9100
2	26	1.000	34	1.375	118	4.625	0.270	0.594	6122	13500

Top Opening With Large Swivel Eye

2	22	0.875	29	1.123	107	4.250	0.150	0.328	4126	9100
3	26	1.000	34	1.375	129	5.062	0.280	0.625	6122	13500



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