

STAINLESS STEEL PRODUCTS





Reliable

Competitive

Professional

Qingdao Powerful Machinery Co., Ltd. is located in Qingdao, one of the largest port cities in China. As China's leading manufacturer of rigging, lifting, and material handling applications, Powerful Machinery delivers a diverse portfolio of products engineered to exceed the toughest demands of any industry, construction, cargo handling, towing, marine, and transportation.

Our products include welded chains, G80 and G100 lifting chains & accessories, hooks, shackles, hoist rings, master links, chain slings, turnbuckles, snatch blocks, wire rope & fittings and a host of other custom-engineered solutions: the most comprehensive portfolio in the industry.

Powerful Machinery has 20 years of export experience, with customers in dozens of countries around the world. Our products are exported to Europe, America, Southeast Asia, the Middle East, Australia, and many other regions.

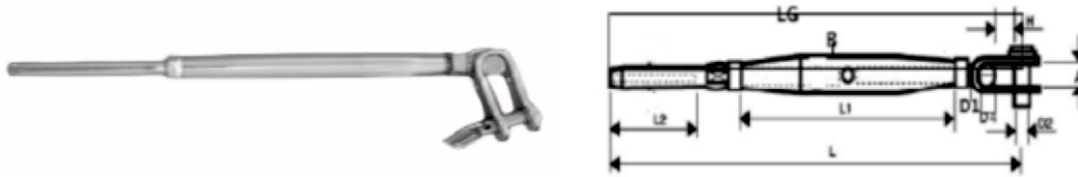
At Powerful Machinery, We have a team of professionals working together to provide our customers with the best products and services. When you choose Powerful Machinery, you are guaranteed more than superior products—you are guaranteed the quality assurance that comes with a customer service team committed to exceeding end-user expectations.

At Powerful Machinery, it's not just about lifting products; it's about working with a trusted partner who is invested in your success.

POWERFUL
MACHINERY 普丰机械

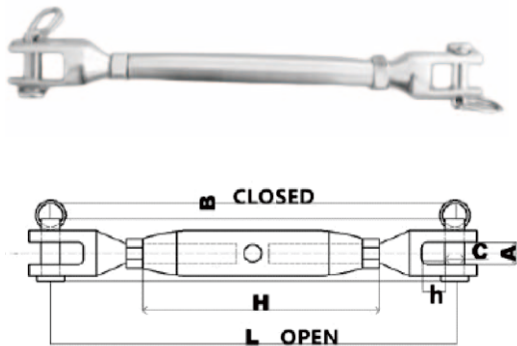
COMPANY PROFILE

STAINLESS STEEL TURNBUCKLE TOGGLE/WIRE-ROPE-TERMINAL



Φ	D1	L	L1	A	D2	L2	H	D4	LG	B	WT
MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	KGS
3	M6	180	95	7	6	39	15	7	250	1.75	0.087
4	M8	210	105	10	8	45	20	10	285	2.25	0.157
5	M10	250	125	12	9	52	25	12	340	2.50	0.313
6	M12	300	150	13	12	64	30	13	410	3.00	0.517
8	M16	390	190	17	16	80	40	17	530	4.00	1.230
10	M20	450	210	20	19	90	45	20	590	4.50	1.800

STAINLESS STEEL JIS CLOSED BODY TURNBUCKLE



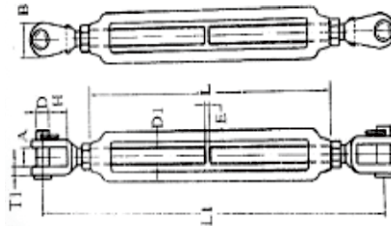
D1	L	B	H	C	A	14	WT
MM	MM	MM	MM	MM	MM	MM	KGS
5M	190	130	80	5	6.5	10	0.055
6M	225	155	95	6	7.5	10	0.095
8M	255	180	105	8	11	11	0.209
10M	300	210	125	9	12	14	0.365
12M	380	270	150	12	14	20	0.648
14M	415	295	170	12	15	22	0.883
16M	480	340	190	16	17	26	1.415

STAINLESS STEEL TURNBUCKLE EUROPEAN TYPE EYE & HOOK



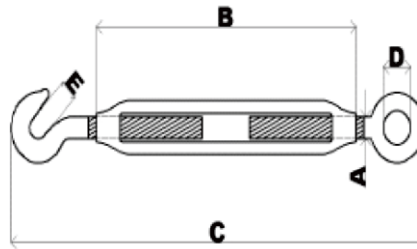
SIZE	B	C	D	L	L1	WLL	WT
MM	MM	MM	MM	MM	MM	TON	KGS
M4	58	5	6.5	80	131	0.025	0.024
M5	70	6	10	96	146	0.04	0.04
M6	90	8	10	122	190	0.1	0.07
M8	120	12	12	164	255	0.2	0.13
M10	150	13	16	205	325	0.3	0.26
M12	200	15	18	264	425	0.5	0.48
M14	225	18	20	300	486	0.7	0.78
M16	250	20	26	337	548	0.8	1.06
M20	300	25	30	406	646	1.2	1.997

STAINLESS STEEL TURNBUCKLE EUROPEAN TYPE JAW & JAW



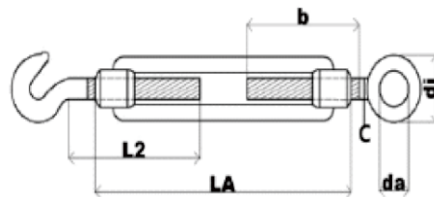
D1	L1	L	A	D	H	B	T1	WT
MM	MM	MM	MM	MM	MM	MM	MM	KGS
M5	120	70	6.5	5	10	13	3	0.06
M6	140	90	7.5	6	10	14	3	0.09
M8	180	120	11	8	11	18.5	3	0.18
M10	220	150	12	9	14	21	4	0.32
M12	300	200	14	12	20	26	5	0.59
M14	325	220	15	12	22	26.5	5	0.79
M16	375	250	17	16	26	36	6	1.27
M20	450	300	20	19	30	45.5	6	2.27

STAINLESS STEEL JIS TYPE TURNBUCKLE



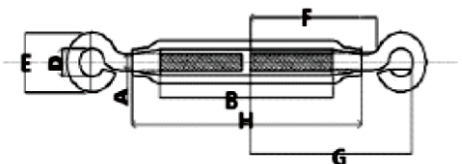
SIZE	A	B	C	D	E	WLL	WT
MM	MM	MM	MM	MM	MM	TON	KGS
5M	5	70	130	8	9	0.1	0.038
6M	6	100	160	10	9	0.25	0.063
8M	8	125	200	12	10	0.35	0.137
10M	10	150	245	16	11	0.5	0.247
12M	12	200	300	20	14	1	0.459
16M	16	250	400	22	18	1.5	1.038
20M	20	300	480	28	20	2.3	1.811

STAINLESS STEEL DIN1480 TURNBUCKLE EYE & HOOK



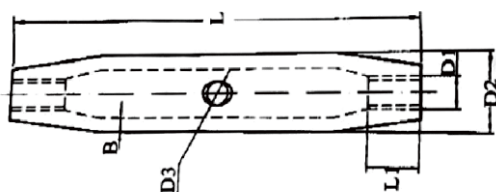
SIZE	LA	L2	b	da	C	di	WT
MM	MM	MM	MM	MM	MM	MM	KGS
5M	90	55	46	9.5	4.5	18.5	0.044
6M	110	60	53	10	4.5	19	0.078
8M	110	60	55	12	6.5	25	0.148
10M	125	65	60	14	8	30	0.243
12M	125	75	70	18	10.5	39	0.391
16M	170	100	90	22	13	48	0.909
20M	200	115	100	25	20	65	1.592

STAINLESS STEEL KOREAN TYPE TURNBUCKLE



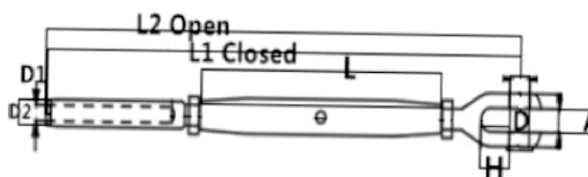
SIZE	H	B	A	D	E	F	G	WT
IN	MM	MM	MM	MM	MM	MM	MM	KGS
3/16	70	57	4.4	10	18.8	40	60	0.04
1/4	90	70	5.3	10	20.6	50	71	0.063
5/16	120	95	7.1	12	26.5	64	91	0.137
3/8	150	121	8.9	18	35	83	120	0.254
1/2	200	169	10.8	20	41	105	146	0.464
5/8	250	210	14.6	25	54.2	138	190	1.041
3/4	300	250	18.3	25	61.6	165	230	1.834
7/8	320	262	22	31	74	170	241	2.870
1	345	280	24	32	80	205	280	3.92

STAINLESS STEEL RIGGING SCREW BODY EUROPEAN TYPE



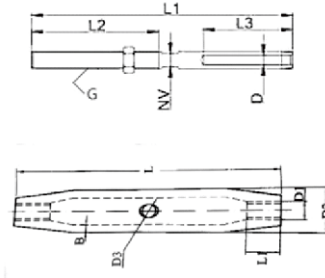
D1	L	D2	B	D3	L1	WT
MM	MM	MM	MM	MM	MM	KGS
M4	70	7	1.3	2.5	6	0.010
M5	80	8	1.3	2.5	6	0.013
M6	95	10	1.75	3.2	8	0.029
M8	105	13	2.25	4.2	10	0.060
M10	125	17	2.5	5	12	0.128
M12	150	21	3	6	14	0.214
M14	165	21	3	7	15	0.197
M16	190	26.5	3.5	8	18	0.372
M20	210	33.5	4.5	9	23	0.613

STAINLESS STEEL JAW & SWAGE STUD JIS



WIRE	SIZE	L	L1	L2	A	D	D1	D2	H
MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
2.5	M5	80	155	215	6.5	5	2.7	5.5	10
3	M6	95	180	250	7.5	6	3.2	6.35	10
4	M6	95	190	260	7.5	6	4.2	7.5	10
4	M8	105	210	285	11	8	4.2	7.5	11
5	M8	105	215	290	11	8	5.3	9	11
5	M10	125	240	330	12	9	5.3	9	14
6	M10	125	255	345	12	9	6.4	12.6	14
6	M12	150	300	410	14	12	6.4	12.6	20
8	M12	150	316	426	14	12	8.5	16.0	20
7	M14	170	330	450	15	12	7.5	14.2	22
8	M16	190	370	510	17	16	8.5	16	26
10	M16	190	380	520	17	16	10.5	18	26

STAINLESS STEEL RIGGING SCREW BODY EUROPEAN



D1	L	D2	B	D3	L1	WIRE	G	L1	L2	L3	D	NV
MM	MM	MM	MM	MM	MM	MM		MM	MM	MM	MM	MM
M4	70	7	1.3	2.5	6	2	M4	73	38	24	4.8	3
M5	80	8	1.3	2.5	6	2	M5	86	40	32	5.5	4
M6	95	10	1.75	3.2	8	3	M6	100	48	39	6.35	5
M8	105	13	2.25	4.2	10	4	M8	117	57	45	7.5	6
M10	125	17	2.5	5	12	5	M10	130	63	52	9	7
M12	150	21	3	6	14	6	M12	162	80	64	12.6	10
M14	165	21	3	7	15	7	M14	180	90	70	14.2	12
M16	190	26.5	3.5	8	18	8	M16	200	100	80	16	14
M20	210	33.5	4.5	9	23	10	M20	230	119	90	18	15

STAINLESS STEEL U.S.TYPE TURNBUCKLE HOOK&HOOK



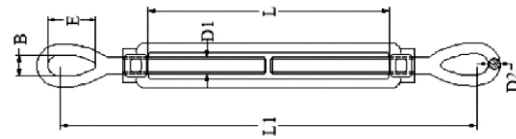
SIZE	L	L1	S
IN	IN	IN	IN
1/4	4	7.43	0.37
5/16	4.5	8.24	0.4
3/8	6	10.63	0.48
1/2	6	11.55	0.55
1/2	9	14.55	0.55
1/2	12	17.55	0.55
5/8	6	12.77	0.74
5/8	9	15.77	0.74
5/8	12	18.77	0.74
3/4	6	14.19	0.9
3/4	9	17.19	0.9
3/4	12	20.19	0.9

STAINLESS STEEL U.S.TYPE TURNBUCKLE EYE&HOOK



SIZE	L	L1	S	B	E
IN	IN	IN	IN	IN	IN
1/4	4	7.43	0.37	0.32	0.78
5/16	4.5	8.24	0.4	0.43	0.94
3/8	6	10.63	0.48	0.51	1.12
1/2	6	11.55	0.55	0.71	1.44
1/2	9	14.55	0.55	0.71	1.44
1/2	12	17.55	0.55	0.71	1.44
5/8	6	12.77	0.74	0.87	1.75
5/8	9	15.77	0.74	0.87	1.75
5/8	12	18.77	0.74	0.87	1.75
3/4	6	14.19	0.9	0.99	2.09
3/4	9	17.19	0.9	0.99	2.09
3/4	12	20.19	0.9	0.99	2.09

STAINLESS STEEL U.S.TYPE TURNBUCKLE EYE&EYE



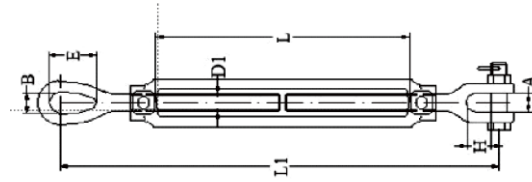
SIZE	L	L1	B	E	D2
IN	IN	IN	IN	IN	IN
1/4	4	8	0.32	0.78	0.24
5/16	4.5	8.6	0.43	0.94	0.3
3/8	6	10.94	0.51	1.12	0.35
1/2	6	12	0.71	1.44	0.45
1/2	9	15	0.71	1.44	0.45
1/2	12	18	0.71	1.44	0.45
5/8	6	13.8	0.87	1.75	0.51
5/8	9	16.8	0.87	1.75	0.51
5/8	12	19.8	0.87	1.75	0.51
3/4	6	15.38	0.99	2.09	0.67
3/4	9	18.38	0.99	2.09	0.67
3/4	12	21.38	0.99	2.09	0.67
7/8	6	16.5	1.21	2.38	0.75
7/8	12	22.5	1.21	2.38	0.75
1	6	18.8	1.37	3	0.91
1	12	24.8	1.37	3	0.91
1-1/4	12	26.5	1.37	3.56	1.14

STAINLESS STEEL U.S.TYPE TURNBUCKLE JAW & JAW



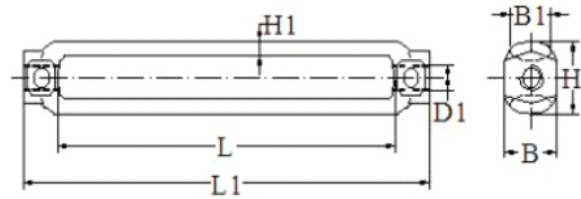
SIZE	L	L1	A	D	B	H
IN	IN	IN	IN	IN	IN	IN
1/4	4	7.15	0.45	0.24	0.9	0.62
5/16	4.5	8.61	0.49	0.24	1	0.87
3/8	6	10.45	0.53	0.31	1.08	0.87
1/2	6	11.88	0.67	0.39	1.36	1.06
1/2	9	14.88	0.67	0.39	1.36	1.06
1/2	12	17.88	0.67	0.39	1.36	1.06
5/8	6	13.3	0.81	0.47	1.68	1.31
5/8	9	16.3	0.81	0.47	1.68	1.31
5/8	12	19.3	0.81	0.47	1.68	1.31
3/4	6	14.62	1.02	0.63	1.97	1.5
3/4	9	17.62	1.02	0.63	1.97	1.5
3/4	12	20.62	1.02	0.63	1.97	1.5
7/8	6	16	1.18	0.79	2.43	1.75
7/8	12	22	1.18	0.79	2.43	1.75
1	6	17.6	1.3	0.87	2.63	2.06
1	12	23.6	1.3	0.87	1.3	2.06
1-1/4	12	26.46	1.83	1.12	3.6	2.81
1-1/2	12	27.88	2.05	1.38	3.96	2.81

STAINLESS STEEL U.S.TYPE TURNBUCKLE EYE&JAW



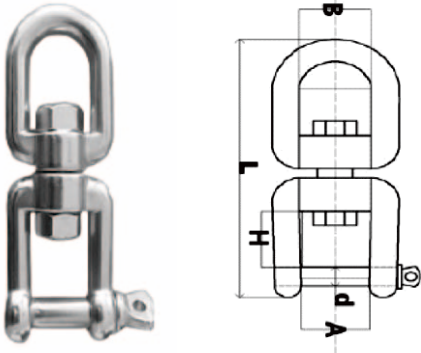
SIZE	L	L1	A	B	E	H
IN	IN	IN	IN	IN	IN	IN
1/4	4	7.58	0.45	0.32	0.78	0.62
5/16	4.5	8.38	0.49	0.43	0.94	0.87
3/8	6	10.7	0.53	0.51	1.12	0.87
1/2	6	11.94	0.67	0.71	1.44	1.06
1/2	9	14.94	0.67	0.71	1.44	1.06
1/2	12	17.94	0.67	0.71	1.44	1.06
5/8	6	13.55	0.81	0.87	1.75	1.31
5/8	9	16.55	0.81	0.87	1.75	1.31
5/8	12	19.55	0.81	0.87	1.75	1.31
3/4	6	15	1.02	0.99	2.09	1.5
3/4	9	18	1.02	0.99	2.09	1.5
3/4	12	21	1.02	0.99	2.09	1.5
7/8	6	16.25	1.18	1.21	2.38	1.75
7/8	12	22.25	1.18	1.21	2.38	1.75
1	6	18.2	1.3	1.37	3	2.06
1	12	24.2	1.3	1.37	3	2.06
1-1/4	12	26.48	1.83	1.37	3.56	2.81

STAINLESS STEEL U.S.TYPE TURNBUCKLE BODY



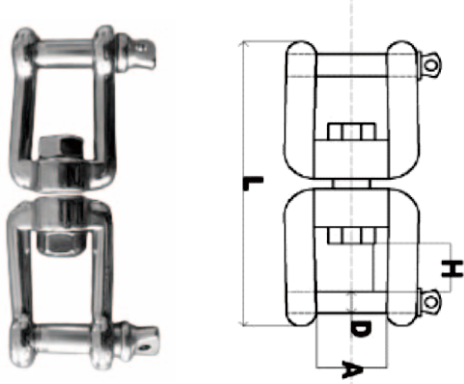
SIZE	L	L1	B	B1	H	H1
IN	IN	IN	IN	IN	IN	IN
1/4	4	4.75	0.5	0.34	0.72	0.17
5/16	4.5	5.44	0.56	0.38	0.81	0.19
3/8	6	7.12	0.62	0.38	0.88	0.19
1/2	6	7.5	0.81	0.5	1.12	0.25
1/2	9	10.5	0.81	0.5	1.12	0.25
1/2	12	13.5	0.81	0.5	1.12	0.25
5/8	6	7.88	1	0.62	1.38	0.31
5/8	9	10.88	1	0.62	1.38	0.31
5/8	12	13.88	1	0.62	1.38	0.31
3/4	6	8.25	1.12	0.75	1.69	0.38
3/4	9	11.25	1.12	0.75	1.69	0.38
3/4	12	14.25	1.12	0.75	1.69	0.38
7/8	6	8.62	1.31	0.88	1.94	0.44
7/8	12	14.62	1.31	0.88	1.94	0.44
1	6	9	1.5	1	2.25	0.5
1	12	15	1.5	1	2.25	0.5
1-1/4	12	15.12	1.88	1.25	2.62	0.56
1-1/2	12	15.75	2.25	1.5	3	0.62

STAINLESS STEEL SWIVEL EYE&JAW



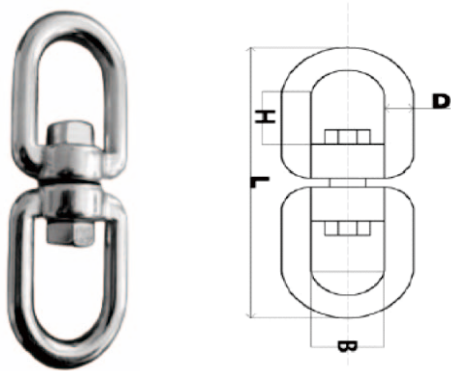
D	L	H	B	A	WT
MM	MM	MM	MM	MM	KGS
5	60	11.5	13	10	0.039
6	66	12	15	12	0.054
8	92	16	20	16	0.133
10	118	22	24	20	0.253
13	152	28	32	26	0.615
16	188	37	39	32	1.03
19	229	44	41	38	2.07

STAINLESS STEEL SWIVEL JAW&JAW



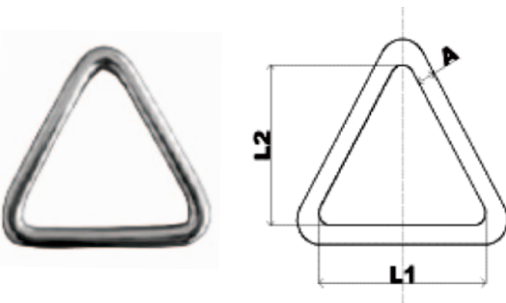
D	L	H	A	WLL	WT
MM	MM	MM	MM	TON	KGS
5	60	11.5	10	0.1	0.041
6	66	12	12	0.15	0.058
8	94	16	16	0.3	0.145
10	118	22	20	0.5	0.275
13	152	28	26	1	0.684
16	188	37	32	1.5	1.12
19	229	44	38	2	2.21

STAINLESS STEEL SWIVEL EYE&EYE



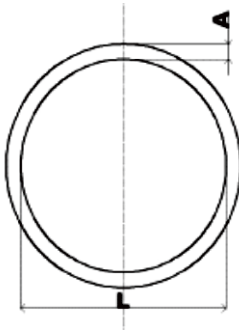
D	L	H	B	WT
MM	MM	MM	MM	KGS
4	47	9	11.5	0.019
5	61	15	13.5	0.03
6	63.5	15	1	0.05
8	88	21	20	0.114
10	111	27	24	0.223
12	126	26	25	0.353
13	147	35	31	0.446
16	186	45	38	0.977
19	225	54	40	1.48

STAINLESS STEEL DELTA LINK WELDED



A	L1	WT
MM	MM	KGS
3	20	0.038
3	30	0.05
4	25	0.08
5	25	0.013
5	30	0.016
5	45	0.02
5	50	0.02
6	40	0.028
6	45	0.033
6	50	0.037
8	45	0.06
8	50	0.068

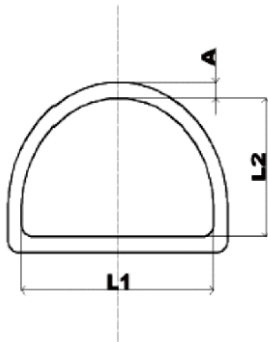
STAINLESS STEEL ROUND RING WELDED



A	L	WT
MM	MM	KGS
3	15	0.003
3	20	0.0038
3	25	0.0048
3	30	0.005
4	20	0.0074
4	25	0.0089
4	30	0.0102
4	35	0.012
4	40	0.013
5	25	0.0146
5	30	0.016
A	L	WT
MM	MM	KGS
6	60	0.045
8	40	0.0587
8	45	0.069
8	50	0.077
8	55	0.0814
8	60	0.0814
8	70	0.097
8	80	0.106
10	50	0.108
10	60	0.136
10	70	0.151

A	L	WT
MM	MM	KGS
5	35	0.0189
5	40	0.022
5	45	0.0237
5	50	0.025
6	25	0.02
6	30	0.0244
6	35	0.0279
6	40	0.031
6	45	0.035
6	50	0.0384
6	55	0.042
A	L	WT
MM	MM	KGS
10	80	0.180
10	100	0.212
12	60	0.193
12	70	0.217
12	80	0.260
12	100	0.308
14	75	0.331
14	90	0.411
19	75	0.663
19	90	0.772
-	-	-

STAINLESS STEEL D RING WELDED



A	L1	L2	WT
MM	MM	MM	KGS
3	15	12	0.003
3	20	17	0.0039
3	30	27	0.005
4	20	17	0.007
4	25	22	0.009
4	30	27	0.011
4	40	37	0.014
5	25	22	0.0147
5	30	27	0.016
5	40	37	0.02
5	50	47	0.026
6	30	27	0.025
6	40	37	0.032
6	50	47	0.041
8	50	47	0.074
8	60	57	0.09



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