SAFETY IS
OUR PRIMARY
CONCERN !

TOPLIFT

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TOP LIFT INDUSTRIES CO., LTD



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COMPANY PROFILE

TOP LIFT INDUSTRIES CO.,LTD

Established in 2012, started from Lifting Tools business at the beginning. Over the past years of development, we have enriched our product ranges to meet customers' demands. Now TOP LIFT is an enterprise specializing in Lifting Tools, Personal Protective Equipment, and Cargo Control Products.

TOP LIFT products are widely applied in fields like industrial, construction, marine & offshore, oil & gas. Our main products include:
Lifting Tools: Hoist, Manual Trolley, Lifting Clamp, Rigging Fittings, Chain, Lifting Sling, etc.
Personal Protective Equipment: Safety Harness & Lanyard, Safety Gloves, etc.
Cargo Control Products: Ratchet Tie Down, Load Binder, etc.

We have been exporting to over 25 countries, throughout Southeast Asia, Europe, North America, South America and Middle East. Besides, the number of our clients are growing rapidly. We have attained high reputation among customers. This is the best reward for our persistent efforts.

Sharp market insight enables us to keep up with the pace of clients' demand. Excellent quality control throughout all stages of production guarantees the uncompromising and trustworthy quality. Professional work team ensures outstanding pre-sales and after-sales service and support.

We have our own brand TOP LIFT, and also provide OEM service.
Our aim is to help our customers gain more profit easily. We are making great efforts to achieve a win-win business. Sincerely welcome you to contact us. Let's work together for mutual success!

YOU CAN REACH US BY:

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TOPLIFT

RIGGING

LIFTING CHAIN FITTING



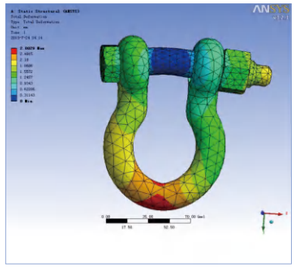








Ansys Mechanical

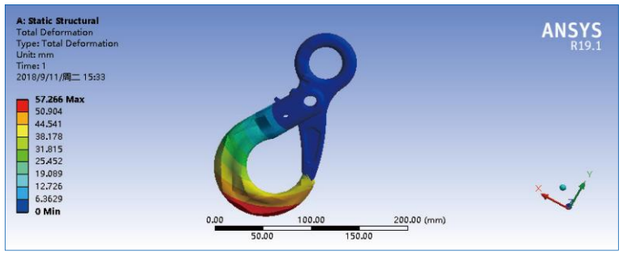


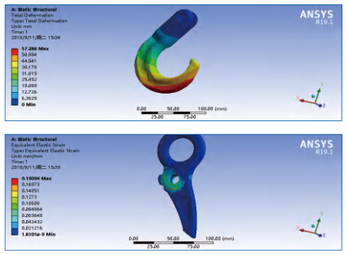
The Whole Deformation Diagram Of
Shackle Simulated Breaking Tension Test

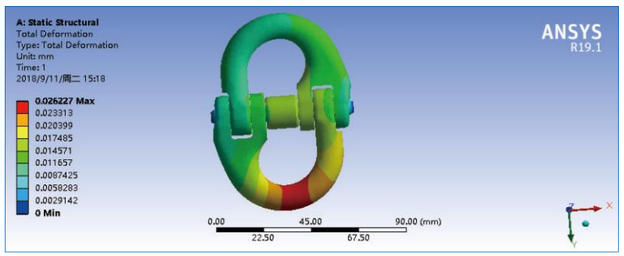


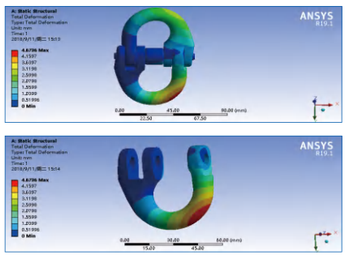
After Minimum Breaking Tension Test

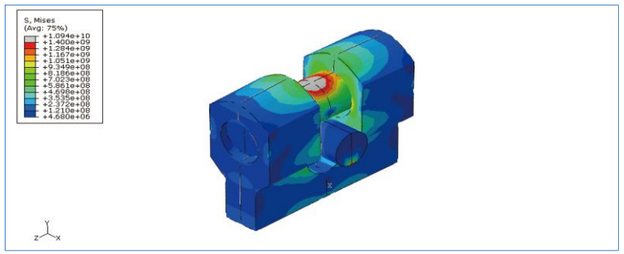
The company adopts the internationally advanced design methods and means to simulate the force condition of the product structure model by using the most advanced CAE analysis software in the early stage of new product design and development. Under the software platform of Ansys Mechanical structural mechanical finite element analysis system, the Mechanical stress of the structure under the actual use of the product is simulated, and the performance parameters such as deformation stress, deformation amount and dangerous section of the product are analyzed. The data obtained from the analysis are compared with the data obtained from the corresponding test of the product, and the results are compared to determine the reliability and safety of the new product design, so as to improve the accuracy of the new product design and development, save the research and development cost and shorten the research and development cycle.

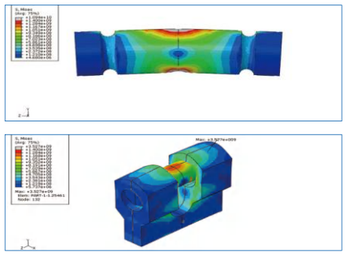












TP-LIFTING G100 RIGGING

G100 components from TOP LIFT

- Forged or welded super alloy steel.
- Suitable for using with G100 chain.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Meet standard EN1677.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- All load pins are 100% individually inspected and tested.



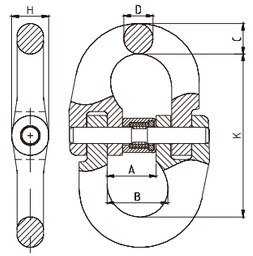




TP-LIFTING G100 Connecting Link

- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with G100 chain.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- All load pins are 100% individually inspected and tested.





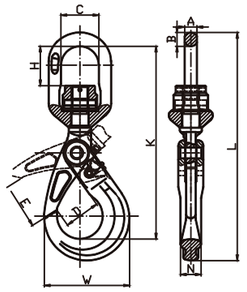
TP1001-G100 EUROPEAN TYPE CONNECTING LINK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A (mm)	B (mm)	C (mm)	D (mm)	K (mm)	H (mm)	Weight (kg/pc)
10-TP1001-06	1.4T	5.6T	14±0.8	16.9±0.8	8.5±0.8	7±0.5	44.5±2.5	11±0.5-1	0.08
10-TP1001-07	1.9T	7.6T	18.5±0.8	22.5±0.8	10±0.8	8.2±0.5	59±3	12.5±0.5-1	0.16
10-TP1001-7/8	2.5T	10T	18.5±0.8	22±0.8	11±0.8	8.5±0.8	59±3	13±0.5-1	0.17
10-TP1001-08	2.5T	10T	18.5±0.8	22.7±1	10.5±0.8	10±0.8	63±3	14±0.5-1	0.18
10-TP1001-10	4T	16T	23±1	27.7±1	12.6±1	12.6±1	71±3	18±0.8-1	0.34
10-TP1001-13	6.7T	26.8T	28±1	33.2±1	16.5±1	16.5±1	92.5±3	23±0.8-1	0.68
10-TP1001-16	10T	40T	33.5±1	39±2	20±1	20±1	106.5±3	29.5±1	1.22
10-TP1001-20	16T	64T	42±1	47.3±3	25±1.5	25±1.5	123±3	35.5±1.5	2.13
10-TP1001-22	19T	76T	48±1	55±3	27±1.5	27±1.5	137.5±3	39±2	3.00
10-TP1001-26	26.5T	106T	61±2	68±3	32±2	32±2	163±4	45±2.5	5.22
10-TP1001-32	39.3T	157.2T	80±2	87±3	40±3	40±3	197±4	54±3	9.55

TP-LIFTING G100 Swivel Selflocking Hook With Bearing

- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with G100 chain.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- All load pins are 100% individually inspected and tested.
- Positive lock latch will self-lock when hook is loaded.





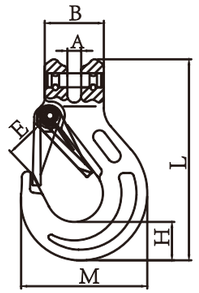
TP1002-G100 SWIVEL SELFLOCKING HOOK WITH BEARING
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±1.5 (mm)	B±1.5 (mm)	C±2 (mm)	D±2 (mm)	E±2.5 (mm)	N±1 (mm)	H±3 (mm)	K±3 (mm)	L±5 (mm)	W±3 (mm)	Weight (kg/pc)
10-TP1002-06	1.4T	5.6T	11.5	13	37	27	30	15	32	163	196.5	70	0.67
10-TP1002-08	2.5T	10T	13	15	41	35.5	40	20	39	202	243	90	1.21
10-TP1002-10	4T	16T	15.5	17.5	48	45	48	26	48	244	289	108	2.20
10-TP1002-13	6.7T	26.8T	17	19	55	52.5	63	32.5	57	292	351	138	4.40
10-TP1002-16	10T	40T	21.5	26	62	62	75	38	62	346	422	170	7.48
10-TP1002-20	16T	64T	26.5	28.5	76	76	80	50	72	396	487	191	13.75
10-TP1002-22	19T	76T	33	33	97	79	95	52	97	465	563	208	18.81

TP-LIFTING G100 Clevis Sling Hook



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with G100 chain.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- All load pins are 100% individually inspected and tested.
- With cast latch.



TP1003-G100 CLEVIS SLING HOOK WITH CAST LATCH
Ultimate load is 4 times the Working Load Limit.

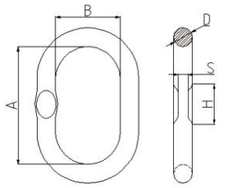
Model	W.L.L.	B.L	A±0.5 (mm)	B±1 (mm)	E±1.5 (mm)	H±1 (mm)	M±2 (mm)	L±2.5 (mm)	Weight (kg/pc)
10-TP1003-06	1.4T	5.6T	7.5	32	18.5	21	68.5	109	0.33
10-TP1003-08	2.5T	10T	9.5	37	25	27.5	88	134	0.7
10-TP1003-10	4T	16T	12	48	28	33.5	105.5	161.5	1.3
10-TP1003-13	6.7T	26.8T	15	59	38	42	134	203	2. 3
10-TP1003-16	10T	40T	18.5	70	44	50	160.5	248	3.6
10-TP1003-20	16T	64T	25	85	52	56	190. 5	297	7. 0
10-TP1003-22	19T	76T	27	100	66	62	214. 5	326	12. 1

TP-LIFTING G100 MASTER LINK



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with G100 chains.
- 25% stronger than G80.
- Individually proof tested at 2 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5times Working Load Limit for 20,000cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- All load pins are 100% individually inspected and tested.

- All size are forged.
- Large inside length.
- All size: There will be pressing flat only on request



TP1004-G100 FORGED MASTER LINK
Ultimate load is 5 times the Working Load Limit.

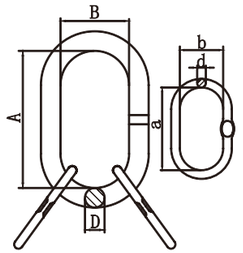
Model	W.L.L.	A (mm)	B (mm)	D (mm)	SxH	Weight (kg/pc)
10-TP1004-06	1.4T	100±4	60±4	11+1	6+0.5X22	0.23
10-TP1004-86	2.5T	120±5	70±4	13+1	7+0.5X25	0.40
10-TP1004-108	4T	140±5	80±4	17+1	8+0.5X28	0.70
10-TP1004-1310	7. 5T	160±5	95±4	22+1	11±0.5X35	1.50
10-TP1004-16	10T	190±5	110±5	26+1-1	13±0.5X43	2.20
10-TP1004-1613	12.5T	180±5	100±5	27+1	14±0.5X46	2.51
10-TP1004-2016	17T	240±6	140±5	32+1	17±0.5X55	5.10
10-TP1004-2220	25T	250±6	150±5	38+2-1	21±0.5X65	7.20
10-TP1004-2622	26.5T	250±6	150±5	41+2-1	23±0.5X73	8.30
10-TP1004-3226	39.3T	300±6	180±5	48+2-1	27±0.5X85	13.6

TP-LIFTING G100 Master Link Assembly



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with G100 chain.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.

- All size: Main link: forged; Sub link: welded
- According to EN1677-4.
- All size: There will be pressing flat only on request



TP1005-G100 MASTER LINK ASSEMBLY
Ultimate load is 5 times the Working Load Limit.

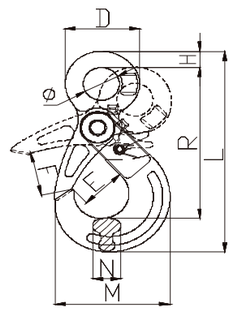
Model	G100 CHAIN FOR 3/4LEGS SLING	W.L.L.	DIMENSION(mm) A	B	D	a	b	d	Weight (kg/pc)
10-TP1005-06	6MM	3T	135	75	19	54	25	13	1.3
10-TP1005-08	8MM	5.3T	160	90	23	70	34	16.5	2.33
10-TP1005-10	10MM	8T	180	100	27	85	40	19	3.7
10-TP1005-13	13MM	14T	200	110	33	115	50	23	6.5
10-TP1005-16	16MM	21.2T	260	140	36	140	65	27	10.1
10-TP1005-20	19/20MM	33.6T	350	190	50	180	90	33	22.8
10-TP1005-22	22MM	33.9T	350	190	50	180	100	36	26.0

TP-LIFTING G100 Selflock Hook



- Forged super alloy steel-Quenched and Tempered.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- All load pins are 100% individually inspected and tested.

- Positive lock latch will self-lock when hook is loaded.



TP1006-G100 EYE SELFLOCK HOOK
Ultimate load is 4 times the Working Load Limit.

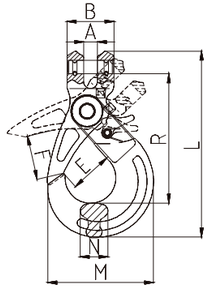
Model	W.L.L.	B.L	DIMENSION(mm) φ	D	E	F	R	M	N	L	H	Weight (kg/pc)
10-TP1006-06	1.4T	5.6T	21±1	43±1	27±2	30±2	110±4	70±2	15±1	141±4	11±1	0.50
10-TP1006-07	1.9T	7.6T	27±1	51±1	30±2	33.5±2	127±4	81±2	17±1	162±4	12±1	0.81
10-TP1006-08	2.5T	10T	27±1	51±1	35±3	38±3	137±4	90±3	20±1	175±4	12±1	0.90
10-TP1006-10	4T	16T	34.5±2	64.5±2	43±3	52±3	170±5	108±3	26±2	212±5	15±1	1.50
10-TP1006-13	6.7T	26.8T	40±2	80±2	51.5±3	63±4	209±5	137.5±4	32.5±2	269±5	20±2	2.70
10-TP1006-16	10T	40T	50±3	104±3	59±4	71±4	256±6	170.5±4	38±3	333±6	27±2	5.70
10-TP1006-20	16T	64T	60±3	124±3	74.5±4	77±5	277±6	191.5±5	50±3	368.5±6	30±2	7.90
10-TP1006-22	19T	76T	70±3	139±3	78±4	92±5	319±8	205±5	52±3	417±8	33±2	11.2

TP-LIFTING G100 Selflock Hook

- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with G100 chain.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- All load pins are 100% individually inspected and tested.

- Positive lock latch will self-lock when hook is loaded.





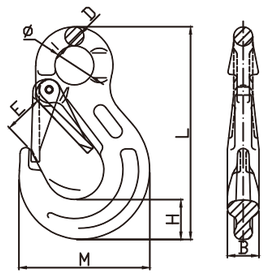
TP1007-G100 CLEVIS SELFLOCK HOOK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	DIMENSION(mm)								Weight (kg/pc)
			A	B	E	F	R	M	N	L	
10-TP1007-06	1.4T	5.6T	8±0.5	32±1	28±2	31±2	96±4	70±2	15±1	131±4	0.5
10-TP1007-08	2.5T	10T	9.5±0.5	36±1.5	36±2	40±3	121±4	90±2	20±1	163±4	0.9
10-TP1007-10	4T	16T	12±0.5	46±1.5	45±3	50±3	144±5	108±3	26±1.5	196.5±5	1.6
10-TP1007-13	6.7T	26.8T	15±1	59±1.5	53.5±3	66±3	182±5	137±3	32.5±1.5	251±5	2.9
10-TP1007-16	10T	40T	18.5±1	70±2	61±4	75±4	220±6	168±3	38±2	303±6	5.8
10-TP1007-20	16T	64T	25±1.5	85±2	76.5±5	80±5	235±7	190±3	50±3	337±7	8.6
10-TP1007-22	19T	76T	25.5±2	98±2.5	80±5	104.6±5	271±8	202±4	52±3	386±8	12.1

TP-LIFTING G100 Eye Sling Hook

- Forged super alloy steel-Quenched and Tempered.
- 25% stronger than G80.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified. Color: Blue RAL5015.
- With cast latch.





TP1008-G100 EYE SLING HOOK WITH CAST LATCH
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	B±1 (mm)	D±1 (mm)	E±2 (mm)	H±1 (mm)	φ±1 (mm)	M±2 (mm)	L±2.5 (mm)	Weight (kg/pc)
10-TP1008-06	1.4T	5.6T	16.5	10	18.5	21	20.5	68	111	0.32
10-TP1008-07	1.9T	7.6T	15	11	25.5	26	25	86.9	137	0.40
10-TP1008-08	2.5T	10T	19	11	25	27.5	25	87.6	137	0.60
10-TP1008-10	4T	16T	26	16	29.5	32	35	106.4	171.5	1.20
10-TP1008-13	6.7T	26.8T	33	19	38	43.5	43	134	219	2.20
10-TP1008-16	10T	40T	40	24.5	46	50	51	158	260	3.50
10-TP1008-20	16T	64T	48	27	52	56	55	190	298	6.20
10-TP1008-22	19T	76T	50	29	66	62	60	214	330	11.5
10-TP1008-26	26.5T	106T	60	35	73	75	70	245	376	12.2
10-TP1008-32	39.3T	157.2T	71	39	87	89	81.5	270	458	17.5

TP-LIFTING G80 RIGGING

G80 components from TOP LIFT

- Forged or welded super alloy steel.
- Suitable for using with G100 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Meet standard EN1677.
- Strict break load test.
- Surface finish: Powder plastified. Color: Yellow RAL1028 or Red RAL3020.
- All load pins are 100% individually inspected and tested.



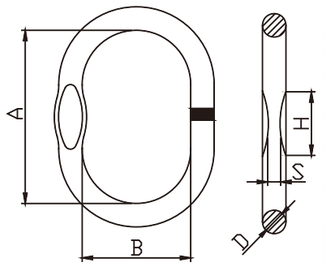


TP-LIFTING G80 Master Link



- Super alloy steel-Quenched and Tempered.
- Standard: EN1677-4(Supersedes DIN5688-3).
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Breakage test and fatigue test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL 1028.
- Suitable for 1 or 2 legs G80 chain sling as per EN818-4.

- Yellow Area: Welded.
- Green Area: Forged.
- All size: There will be pressing flat only on request



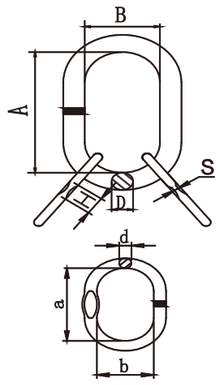
TP801-G80 EUROPEAN TYPE G80 MASTER LINK
Ultimate load is 4 times the Working Load Limit.
WLL based on 0˚ - 45˚.

Model	W.L.L.	A (mm)	B (mm)	D (mm)	SxH	Weight (kg/pc)
8-TP801-76-8	1.6T	110	60	13	7+0.3X25	0.34
8-TP801-76-8B	1.6T	140	80	13	7+0.3X25	0.43
8-TP801-87-8	2.12T	110	60	16	7+0.5X25	0.54
8-TP801-87-8B	2.12T	140	80	16	7+0.5X25	0.66
8-TP801-108-8	3.15T	135	75	18	8+0.5X28	0.823
8-TP801-108-8B	3.15T	180	120	18	8+0.5X28	1.10
8-TP801-1310-8	5.3T	160	90	22	11±0.5X35	1.50
8-TP801-1310-8B	5.3T	180	120	22	11±0.5X35	1.68
8-TP801-16 13-8	8T	180	100	26	13±0.5X43	2.32
8-TP801-18 16-8	11.2T	200	110	32	17±0.5X55	3.95
8-TP801-20 18-8	14T	260	140	36	19±0.5X60	6.34
8-TP801-22 20-8	17T	300	160	40	20±0.5X64	8.96
8-TP801-26 22-8	21.2T	340	180	45	----	12.8
8-TP801-32 26-8	31.5T	350	190	50	----	16.55
8-TP801-36 32-8	45T	400	200	56	----	23.28
8-TP801-40 36-8	56T	430	220	63	----	32.00
8-TP801-72-8	63T	460	250	72	----	45.76

TP-LIFTING G80 Master Link Assembly



- Super alloy steel-Quenched and Tempered.
- Standard: EN1677-4(Supersedes DIN5688-3).
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Breakage test and fatigue test.
- Surface finish: Powder plastified.
- Color: Red RAL 3020/ Yellow RAL 1028
- Suitable for 3 or 4 legs G80 chain sling as per EN818-4.
  - Yellow Area: Main link Welded; Sub links Welded.
  - Green Area: Main link Forged; Sub links Welded.



TP802-G80 EUROPEAN TYPE G80 MASTER LINK ASSEMBLY
Ultimate load is 4 times the Working Load Limit.
WLL based on 0˚ - 45˚.

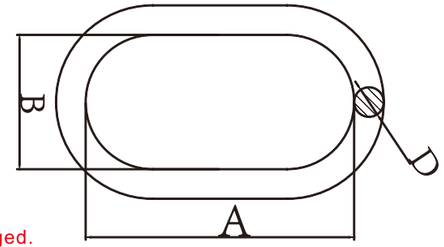
Model	W.L.L.	A (mm)	B (mm)	D (mm)	a (mm)	b (mm)	d (mm)	SxH	Weight (kg/pc)
8-TP802-6	2.36T	135	75	18	54	25	13	7+0.3X25	1.18
8-TP802-7	3.15T	135	75	18	60	38	13	7+0.5X25	1.24
8-TP802-8	4.25T	160	90	22	70	34	16	8+0.5X28	2.20
8-TP802-10	6.7T	180	100	26	85	40	18	11±0.5X35	3.40
8-TP802-13	11.2T	200	110	32	115	50	22	13±0.5X43	6.10
8-TP802-16	17T	260	140	36	140	65	26	17±0.5X55	9.98
8-TP802-18B	19.5T	300	160	40	270	140	32	18±0.5X59	19.1
8-TP802-18C	21.2T	340	180	45	160	90	32	18±0.5X59	19.4
8-TP802-18	21.2T	340	180	45	180	100	32	18±0.5X59	18.9
8-TP802-20C	26.5T	350	190	50	160	90	32	18±0.5X59	23.1
8-TP802-20	26.5T	350	190	50	180	100	32	20±0.5X64	23.7
8-TP802-22	31.5T	350	190	50	180	100	36	----	25.2
8-TP802-26	45T	400	200	56	180	100	40	----	35.5
8-TP802-28	50T	430	220	63	180	100	45	----	47.0
8-TP802-32	67T	460	250	72	200	110	50	----	66.46

TOP LIFT

G80 RIGGING

TP-LIFTING G80 Forged Master Link

- Forged super alloy steel-Quenched and Tempered.
- Individually proof tested at 2 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Breakage test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.





- All sizes are forged.
- All sizes: There will be pressing flat only on request.
- Yellow Area: WLL

TP803-G80 FORGED MASTER LINK
For chain sling: Minimum Ultimate Load is 4 times the Working Load Limit.
For steel rope sling: Minimum Ultimate Load is 5 times the Working Load Limit.

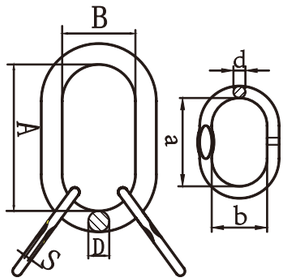
Model	CHAIN	G80EN818-2 CHAIN FOR 1 LEG (MM)	G80EN818-2 CHAIN FOR 2 LEG (MM)	WLL ROPE	DIMENSION(mm) A	DIMENSION(mm) B	DIMENSION(mm) D	Weight (kg/pc)
8-TP803-1/2	1/4	1.5	2.12	3.4T	127	63.5	13	0.36
	5/16	2	2.8					
8-TP803-5/8	5/16	2	2.8	4T	152	76	16	0.70
	3/8	3.15	–					
8-TP803-3/4	3/8	3.15	4.25	5.6T	140	70	19	0.93
8-TP803-7/8	3/8	3.15	4.25	6.9T	160	90	22	1.50
	1/2	5.3	–					
8-TP803-1	1/2	5.3	7.5	11.8T	178	89	25	2.10
	5/8	8	11.2					
8-TP803-1-1/4	5/8	8	11.2	17.7T	222	111	32	4.24
	3/4	11.2	16					
8-TP803-1-1/2	3/4	11.2	16	27.7T	267	135	38	7.17
	7/8	15	21.2					
8-TP803-1-3/4	7/8	15	21.2	38.5T	305	152	45	11.5
	1	21.2	–					
8-TP803-2	1	21.2	30	46.5T	355	178	51	17.2
	1-1/4	31.5	–					
8-TP803-2-1/4	1-1/4	31.5	45	64.9T	406	203	57	24.5
8-TP803-2-1/2	–	–	–	72.6T	406	203	63.5	30.9
8-TP803-2-3/4	–	–	–	98.4T	406	241	70	39.5
8-TP803-3	–	–	–	103T	457	228	76	50.34
8-TP803-3-1/4	–	–	–	119T	508	254	82.5	65.68
8-TP803-3-1/2	–	–	–	126T	610	305	89	90.24
8-TP803-3-3/4	–	–	–	152T	508	254	95	89.27
8-TP803-4	–	–	–	169T	508	254	102	103.43
8-TP803-4-1/4	–	–	–	176T	610	305	108	137
8-TP803-4-1/2	–	–	–	184T	710	355	115	178
8-TP803-4-3/4	–	–	–	206T	710	355	120	196
8-TP803-5	–	–	–	226T	760	380	127	234

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TP-LIFTING G80 Master Link Assembly



- Forged super alloy steel-Quenched and Tempered.
- Individually proof tested at 2 times Working Load Limit(4:1).
- 100% Magnaflux Crack Detection.
- Breakage test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028
  - Yellow Area: Main link Welded; Sub links Welded.
  - Green Area: Main link Forged; Sub links Welded.



TP804-G80 MASTER LINK ASSEMBLY
For chain sling: Minimum Ultimate load is 4 times the Working Load Limit.
For steel rope sling: Minimum Ultimate load is 5 times the Working Load Limit.

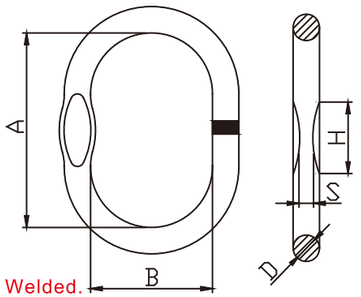
Model	CHAIN	W.L.L. 3 or 4 LEG 0 - 45°	W.L.L. ROPE	A (mm)	B (mm)	D (mm)	a (mm)	b (mm)	d (mm)	s (mm)	Weight (kg/pc)
8-TP804-1/2	7/23	2.36T	2.4T	100±4	60±4	14±0.5	85±4	40±3	12±0.5	6±0.5	0.82
8-TP804-11/16	1/4	3.15T	3.2T	160±5	90±4	18±0.5	100±4	60±4	14±0.5	7.6±0.5	1.60
8-TP804-5/8	1/4	3.15T	3.2T	160±5	90±4	18±0.5	100±4	60±4	14±0.5	7.6±0.5	1.60
8-TP804-3/4	5/16	4.25T	4.2T	160±5	90±4	20±0.5	100±4	60±4	14±0.5	7.6±0.5	1.95
8-TP804-7/8	3/8	6.7T	8T	180±5	100±4	22±1	150±5	70±4	18±0.5	8.4±0.5	3.16
8-TP804-1B	3/8	10T	10T	270±6	140±5	25±1	155±5	80±4	20±0.5	11±0.5	5.28
8-TP804-1-1/8	1/2	11.2T	12T	270±6	140±5	28±1	160±5	90±4	22±1	13.5±0.5	6.75
8-TP804-1-1/4	5/8	17T	17T	270±6	140±5	32±1	180±5	100±4	25±1	16.5±0.5	9.31
8-TP804-1-1/2	3/4	23.6T	25T	300±6	160±5	40±1	270±6	140±5	31±1	19±0.5	18.4
8-TP804-1-3/4	7/8	31.5T	31.5T	340±7	180±5	45±1	285±6	155±5	36±1	22±0.5	26.6
8-TP804-2	1	45T	45T	350±7	190±5	51±2	340±7	180±5	45±1	25±0.5	42.91



TP-LIFTING G80 Master Link



- Super alloy steel-Quenched and Tempered.
- Individually proof test at MPF.
- 100% Magnaflux Crack Detection.
- Breakage test.
- Surface finish: Powder plastified.



- Yellow Area Size: Master link Welded.
- Green Area Size: Master link Forged.
- All sizes: There will be pressing flat only on request.

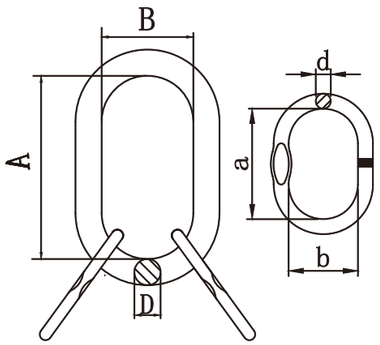
TP805-G80 MASTER LINK
For chain sling: Minimum Ultimate Load is 4 times the Working Load Limit.
For steel rope sling: Minimum Ultimate Load is 5 times the Working Load Limit.

Model	W.L.L.	A (MM)	B (MM)	D (MM)	S (MM)	H (MM)	Weight (kg/pc)
8-TP805-11B4	2.1T	83±4	40±3	11±0.5	6±0.5	40	0.18
8-TP805-13B5	2.6T	95±4	51±4	13±0.5	7±0.5	50	0.30
8-TP805-13B6	2.4T	115±5	60±4	13±0.5	7±0.5	50	0.35
8-TP805-16B6	3.8T	120±5	70±4	16±0.5	9±0.5	70	0.60
8-TP805-16B7	2.8T	190±5	100±4	16±0.5	9±0.5	70	0.86
8-TP805-20B6	6.4T	150±5	80±4	20±0.5	11±0.5	50	1.10
8-TP805-20B6B	6.4T	160±5	90±4	20±1	11±0.5	50	1.20
8-TP805-20B7	5.8T	170±5	90±4	20±0.5	11±0.5	70	1.25
8-TP805-20B7B	5.8T	160±5	90±4	20±1	11±0.5	70	1.25
8-TP805-22B6	7.6T	170±5	90±4	22±1	12±0.5	70	1.53
8-TP805-22B6B	7.6T	160±5	90±4	22±1	12±0.5	70	1.53
8-TP805-22B7	6.4T	210±6	110±5	22±1	12±0.5	70	1.83
8-TP805-22B7B	6.4T	210±6	110±5	22±1	12±0.5	70	1.83
8-TP805-22B8	5.8T	270±6	140±5	22±1	12±0.5	70	2.32
8-TP805-25B6	10T	190±5	100±5	25±1	13±0.5	80	2.21
8-TP805-25B6B	10T	190±5	102±5	25±1	13±0.5	80	2.21
8-TP805-25B7	8T	270±6	140±5	25±1	13±0.5	80	3.00
8-TP805-28B6	12.7T	210±6	110±5	28±1	15±0.5	80	3.06
8-TP805-28B7	10.5T	270±6	140±5	28±1	15±0.5	70	3.81
8-TP805-32B6	15.2T	270±6	140±5	32	17±0.5	70	5.05
8-TP805-38B6	25.1T	270±6	140±5	38	20±0.5	70	7.30
8-TP805-38B7	17T	420±10	220±6	38	20±0.5	70	10.78
8-TP805-45B6	34T	320±7	170±5	45	24±0.5	80	12.20
8-TP805-45B7	24.5T	470±10	250±6	45	24±0.5	80	17.06
8-TP805-50B6	40T	380±7	200±6	50±2	–	–	17.65
8-TP805-50B7	40T	450±10	250±6	50±2	–	–	20.70
8-TP805-60B6	58T	430±10	220±6	60±2	–	–	28.85
8-TP805-70B6	84T	500±10	250±6	70±2	–	–	45.48

TP-LIFTING G80 Master Link Assembly Type

- Super alloy steel-Quenched and Tempered.
- Individually proof test at MPF.
- 100% Magnaflux Crack Detection.
- Breakage test.
- Surface finish: Powder plastified.





TP806-G80 MASTER LINK ASSEMBLY TYPE
Minimum Ultimate Load is 4 times the Working Load Limit.

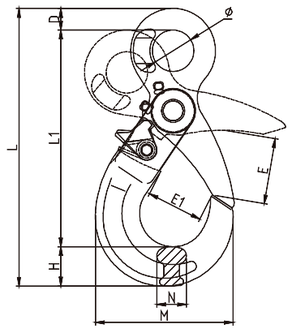
Model	W.L.L.	A (MM)	B (MM)	D (MM)	a (MM)	b (MM)	d (MM)	S (MM)	Weight (kg/pc)
8-TP806-MA16	3.8	120±5	70±4	16±0.5	95±4	51±4	14±0.5	7.5±0.5	1.29
8-TP806-MA20	5.8	170±5	90±4	20±0.5	120±5	70±4	16±0.5	9±0.5	2.5
8-TP806-MA22	7.6	170±5	90±4	22±1	150±5	80±4	20±0.5	11±0.5	3.77
8-TP806-Q23B	5.8	270±6	140±5	22±1	150±5	75±4	16±0.5	9±0.5	3.6
8-TP806-MA25	10	190±6	100±4	25±1	150±5	80±4	20±0.5	11±0.5	4.15
8-TP806-Q29B	11.8	270±6	140±5	28±1	140±5	70±4	20±0.5	11±0.5	5.6
8-TP806-MA28	12.7	210±6	110±5	28±1	170±5	90±4	22±1	12±0.5	6.12
8-TP806-MA32	15.2	270±6	140±5	32±1	190±5	100±4	25±1	13±0.5	9.47
8-TP806-MA38	25	270±6	140±5	38±1	270±6	140±5	32±1	17±0.5	17.4
8-TP806-MA45	34	320±7	170±5	45±1	270±6	140±5	38±1	20±0.5	26.76
8-TP806-MA50	40	380±7	200±6	50±1	270±6	140±5	38±1	-	33.2
8-TP806-MA60	58	130±10	220±6	60±2	380±7	200±6	50±1	-	65
8-TP806-MA70	84	500±10	250±6	70±2	430±10	220±6	60±1	-	103

TOP LIFT

TP-LIFTING G80 Eye Type Safety Hook

- Forged super alloy steel-Quenched and Tempered.
- Suitable for EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028
  - G80 Self-lock Hook Improved.
  - Positive lock latch will self-lock when hook is loaded.





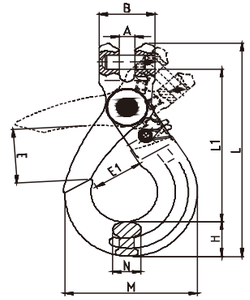
TP807-G80 EYE TYPE SAFETY HOOK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	φ (mm)	E (mm)	E1 (mm)	L1 (mm)	L (mm)	H (mm)	D (mm)	N (mm)	M (mm)	Weight (kg/pc)
8-TP807-06	1.12T	4.48T	21±1	32±2	28±1	110±3	130±3	20±1	11±0.5	15±0.5	73±2	0.50
8-TP807-7/8	2T	8T	25±1	40±3	35±1	136±3	175±3	26±1	13±0.5	20±0.5	91±2	0.85
8-TP807-10	3.15T	12.6T	34.5±1.5	48±3	45±1.5	168±3	213±3	30±1.5	15±0.5	26±1	108±2	1.42
8-TP807-13	5.3T	21.2T	39.5±1.5	65±3	52.5±2	207±4	267±4	40±1.5	21±0.5	33±1	142±3	2.86
8-TP807-16	8T	32T	50±2	65±3	63±2	254±4	332±4	50.5±2	27±0.5	38±2	168.6±3	5.90
8-TP807-20	12.5T	50T	64.5±2	82±3.5	82±2	178±5	360±5	55±2	27±0.5	50±2	185±4	8.50
8-TP807-22	15T	60T	70±3	80±3.5	76±2	319±5	415±5	67±2	32±1	52±2	202±4	11.6
8-TP807-26	21.2T	84.8T	80±3	109±3.5	96±3	362±6	472±5	75±3	34±1	60±3	239±5	18.0
8-TP807-32	31.5T	126T	105±4	131±3.5	131±3	470±6	614±5	97±3	45±1	79.5±3	329±5	46.0

TP-LIFTING G80 Selflock Hook Improved

- Forged super alloy steel-Quenched and Tempered.
- Suitable for EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20000 cycles.
- Breakage test.
- Surface finish：Powder plastified.
- Colour： Red RAL3020 / Yellow RAL1028.
  - Positive lock latch will self-lock when hook is loaded.





TP808-G80 SELFLOCK HOOK IMPROVED
Ultimate load is 4 times the Working Load Limit.

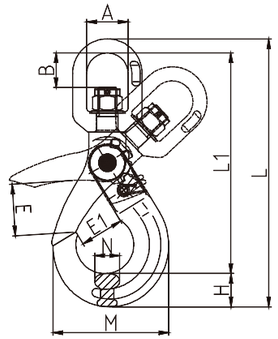
Model	W.L.L.	B.L	A (mm)	B (mm)	E (mm)	E1 (mm)	L1 (mm)	L (mm)	H (mm)	N (mm)	M (mm)	Weight (kg/pc)
8-TP808-06	1.12T	4.48T	8±0.5	32±1	32±2	28±1	99±3	134±3	20±1	15±0.5	73±2	0.44
8-TP808-7/8	2T	8T	9.5±0.5	38.5±1	40±3	35±1	119±3	162±3	26±1	20±0.5	91±2	0.80
8-TP808-10	3.15T	12.6T	12.5±0.5	46±1	48±3	45±2	142±3	195±3	30±1.5	26±1	108±2	1.38
8-TP808-13	5.3T	21.2T	15±0.5	59±1	57±3	52.5±2	179±4	248±4	40±1.5	33±1	142±3	2.81
8-TP808-16	8T	32T	18.5±0.5	77±1.5	65±4	63±2	225±4	310±4	50.5±2	38±2	168.6±3	6.00
8-TP808-18/20	12.5T	50T	24±1	81±1.5	82±4	82±2	238±5	335±5	55±2	50±2	185±4	7.25
8-TP808-22	15T	60T	25±1	97.5±2	80±5	76±3	277±5	392±5	67±2	52±2	202±4	12.8
8-TP808-26	21.2T	84.8T	30±1.5	118±2	109±5	96±4	312±6	449±6	75±3	60±3	239±5	21.8
8-TP808-32	31.5T	126T	35±1.5	150±2	131±6	131±4	416±6	590±6	97±3	79.5±3	329±5	49.6

G80 RIGGING

TP-LIFTING G80 Selflock Hook Improved



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.
- Positive lock latch is self-locking when hook is loaded.



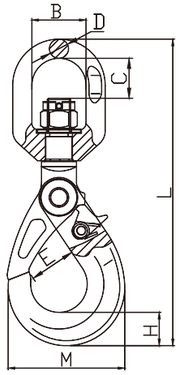
TP809-G80 SELFLOCK HOOK IMPROVED
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±1 (mm)	B±1 (mm)	E (mm)	E1 (mm)	L1 (mm)	L (mm)	H (mm)	N (mm)	M (mm)	Weight (kg/pc)
8-TP809-06	1.12T	4.48T	32.5±1	25.5±2	32±2	28±1	152±3	184±3	20±1	15	73±2	0.71
8-TP809-7/8	2T	8T	36±1	29.5±2	40±3	35±1	189±3	228±3	26±1	20	91±2	1.15
8-TP809-10	3.15T	12.6T	42±1	35±2	48±3	45±2	223±3	268±3	30±1.5	26±1	108±2	1.86
8-TP809-13	5.3T	21.2T	50±1	41±2	57±3	52.5±2	267±4	323±4	40±1.5	33±1	142±3	3.51
8-TP809-16	8T	32T	61±1.5	58±2.5	65±4	63±2	339±4	413±4	50.5±2	38±2	168.6±3	7.33
8-TP809-18/20	12.5T	50T	72±1.5	63±2.5	82±4	82±2	370±5	452±5	55±2	50±2	185±4	10.3
8-TP809-22	15T	60T	97±2	98±3	80±5	76±3	466±5	564±5	67±2	52±3	202±4	17.5
8-TP809-26	21.2T	84.8T	123±2	115±3	109±5	96±4	544±6	661±6	75±3	60±3	239±5	23.0
8-TP809-32	31.5T	126T	140±2	147±3	131±6	131±4	679±6	830±6	97±3	79.5±3	329±5	81.0

TP-LIFTING G80 Selflock Hook



- Forged super alloy steel-Quenched and Tempered.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.



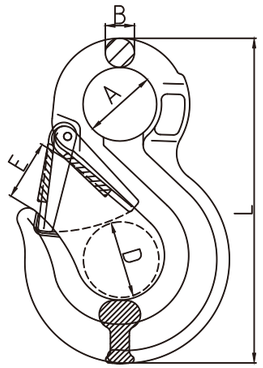
TP810-G80 EUROPEAN TYPE SWIVEL SELF-LOCKING HOOK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	B±1.5 (mm)	C±2 (mm)	D±1 (mm)	E±1.5 (mm)	H±1 (mm)	M±2 (mm)	L±3.5 (mm)	Weight (kg/pc)
8-TP810-06	1.4T	5.6T	32.5	23	11.5	28	20	70	184	0.6
8-TP810-08	2.5T	10T	36	28.5	13	36	26	90	226	1.1
8-TP810-10	4T	16T	42	35	15.5	45	30	109	269	2.0
8-TP810-13	6.7T	26.8T	50	41	17	53.5	40.5	138.5	327	4.0
8-TP810-16	10T	40T	71	58	21.5	61	50.5	170.5	413	6.8
8-TP810-20	16T	64T	72	63	26	76.5	62	192.5	460	12.5
8-TP810-22	19T	76T	97	98	33	80	65	205	566	17.1

TP-LIFTING G80 Eye Sling Hook



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- With cast latch.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.



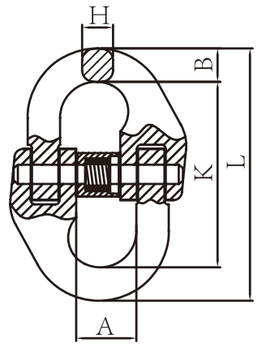
TP811-G80 EYE SLING HOOK WITH LATCH
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	B±1.5 (mm)	E±2 (mm)	D±2 (mm)	A±3 (mm)	L±2 (mm)	Weight (kg/pc)
8-TP811-06	1.12T	4.48T	9	21.5	20	20	108	0.3
8-TP811-7/8	2T	8T	11	27.5	24	25	133	0.4
8-TP811-10	3.15T	12.6T	15	27.2	38	38	167	0.9
8-TP811-13	5.3T	21.2T	19	38.5	51	43	213	2.2
8-TP811-16	8T	32T	23	42	62	50	255	3.2
8-TP811-20	12.5T	50T	24	44.6	74.8	63	305	5.8
8-TP811-22	15T	60T	32	70	68	62	348	9.2
8-TP811-26	21.2T	84.8T	35	84	84	64	394	13.0
8-TP811-32	31.5T	126T	37	102	100	88	480	18.5

TP-LIFTING G80 Connecting Link



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- All load pins are 100% individually inspected and tested.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.
- Also available in stainless steel.



TP812-G80 CONNECTING LINK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±1.5 (mm)	B±1 (mm)	L±2.5 (mm)	K±2 (mm)	H±1 (mm)	Weight (kg/pc)
8-TP812-06	1.12T	4.48T	15	7.5	58	42	7	0.08
8-TP812-07	1.5T	6T	20	8.5	73	54.8	8.5	0.145
8-TP812-7/8	2T	8T	20.5	9.5	79.5	60.5	8.5	0.146
8-TP812-08	2T	8T	20.5	9.5	79.5	60.5	8.5	0.16
8-TP812-10	3.15T	12.6T	26	12	90.5	68	11.5	0.30
8-TP812-13	5.3T	21.2T	30	15	117	87	15	0.65
8-TP812-16	8T	32T	35	19.8	148	108.4	19.8	1.15
8-TP812-18	10T	40T	38	21	154	112	21	1.84
8-TP812-20	12.5T	50T	41	24	169.5	121.5	24	2.10
8-TP812-22	15T	60T	49.5	26	193.5	141..5	26	2.87
8-TP812-26	21.2T	84.8T	57.5	31	220	158	30	4.50
8-TP812-32	31.5T	126T	67.5	38	281	205	37	8.21

G80 RIGGING

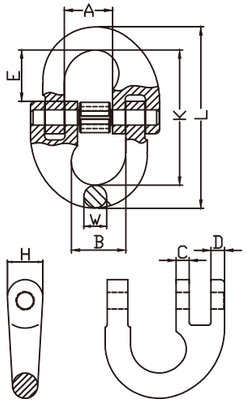
TP-LIFTING G80 Connecting Link

- Forged super alloy steel-Quenched and Tempered.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.





Spring and pin shaft



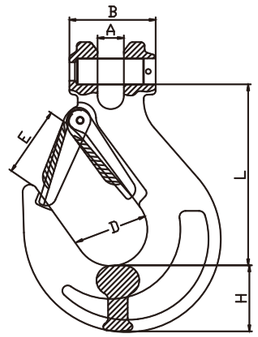
TP813-G80 U.S. TYPE A337(A7) CONNECTING LINK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±1.5 (mm)	B±1.5 (mm)	L±2.5 (mm)	K±2 (mm)	W±1 (mm)	H±1 (mm)	C±0.2 (mm)	D±0.3 (mm)	E±1.5 (mm)	Weight (kg/pc)
8-TP813-1/4	1.5T	6T	16.5	18	67	51	8	13	4	4	18.5	0.13
8-TP813-9/32	1.6T	6.4T	18	18	64	48.6	8	13	4	5.1	17.6	0.15
8-TP813-5/16	2T	8T	17.7	21.8	78.5	58.5	9.8	14.5	6.5	6.6	21.5	0.15
8-TP813-3/8	3.2T	12.8T	22	24	87.5	63.6	12	17	6.2	8.1	21.5	0.33
8-TP813-1/2	5.4T	21.6T	28.5	35	115.5	85.5	15	21.6	7.8	7.8	28	0.76
8-TP813-5/8	8.2T	32.8T	33	40.5	143	106	18.5	26	9.5	10	36	1.30
8-TP813-3/4	12.8T	51.2T	41	47	162	116	23	32	12	13	39	2.27
8-TP813-7/8	15.5T	62T	50.5	54.5	188.5	136.5	26	38	13	15.5	47.5	3.40

TP-LIFTING G80 Clevis Sling Hook

- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- All load pins are 100% individually inspected and tested.
- With cast latch.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.





TP815-G80 CLEVIS SLING HOOK WITH CAST LATCH
Ultimate load is 4 times the Working Load Limit.

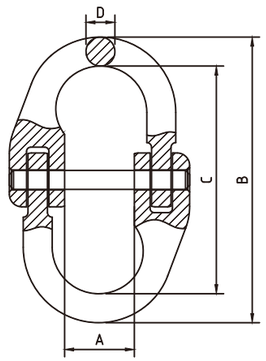
Model	W.L.L.	B.L	A±0.5 (mm)	B±1.5 (mm)	D±1 (mm)	H±2 (mm)	L±1 (mm)	E±2 (mm)	Weight (kg/pc)
8-TP815-06	1.12T	4.48T	8	32	35	23	76	26	0.32
8-TP815-7/8	2T	8T	9.5	37	37	25	86.4	29	0.48
8-TP815-10	3.15T	12.6T	12.5	49	46	31	104	39	0.95
8-TP815-13	5.3T	21.2T	16.5	56.5	56	42.5	128	47.5	1.80
8-TP815-16	8T	32T	21.5	70.5	60	54	150	56	3.40
8-TP815-20	12.5T	50T	24	77	79	58	180	59	6.00
8-TP815-22	15T	60T	26	91	101	62	213	72	10.4
8-TP815-26	21.2T	84.8T	30	117	115	75	250	101	14.5
8-TP815-32	31.5T	126T	35	150	140	88	317	124	27.0

TOP LIFT

TP-LIFTING G80 Connecting Link

- Forged super alloy steel-Quenched and Tempered.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.





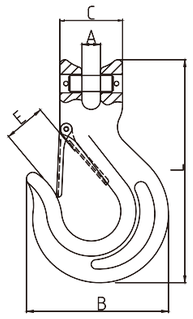
TP814-ALLOY G70 U.S. TYPE A336(A6) CONNECTING LINK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±1.5 (mm)	B±2 (mm)	C±2 (mm)	D±1 (mm)	Weight (LBS/pc)
8-TP814-1/4	3250LBS	13000LBS	19.8	69	55	7.8	0.24
8-TP814-5/16	4500LBS	18000LBS	18	79.5	62.5	8.5	0.32
8-TP814-3/8	6600LBS	16400LBS	27	92	85.5	11.5	0.58
8-TP814-1/2	11250LBS	45000LBS	35	111	81	15	1.20
8-TP814-5/8	16500LBS	66000LBS	42	137.5	96	21	2.42
8-TP814-3/4	23000LBS	92000LBS	43	171	126	22.5	3.89
8-TP814-7/8	28750LBS	115000LBS	48	191	141.5	24.5	6.08

TP-LIFTING G80 Clevis Sling Hook

- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.
- All load pins are 100% individually inspected and tested.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.





TP816-G80 CLEVIS SLING HOOK
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±2 (mm)	B±2 (mm)	E±2 (mm)	C±3 (mm)	L±3 (mm)	Weight (lbs/pc)
8-TP816-1/4	3500LBS	14000LBS	11.5	89	29	42	137.5	1.10
8-TP816-3/8	7100LBS	28400LBS	14.5	117	38	52	179	2.65
8-TP816-1/2	12000LBS	48000LBS	17.8	139	47	61	217.5	4.96
8-TP816-5/8	18100LBS	72400LBS	28.8	161.5	52	70	253	8.15
8-TP816-3/4	28300LBS	113200LBS	24.5	187	56	82.6	294	12.12

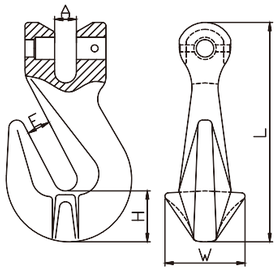
Above Working Load Limit is based on side pull

G80 RIGGING

TP-LIFTING G80 Clevis Grab Hook



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.



TP817-G80 CLEVIS GRAB HOOK
Ultimate load is 4 times the Working Load Limit.

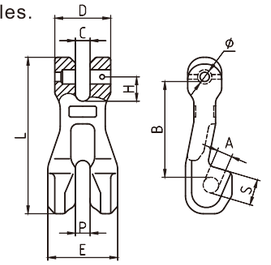
Model	W.L.L.	B.L	E±1 (mm)	A±0.5 (mm)	H±1 (mm)	W±1 (mm)	L±2 (mm)	Weight (kg/pc)
8-TP817-6	1.12T	4.48T	8	8	17.7	21.5	77.3	0.25
8-TP817-7/8	2T	8T	10.5	9.5	18.5	33.5	89	0.32
8-TP817-10	3.15T	12.6T	13	12.5	29	46	126	0.73
8-TP817-13	5.3T	21.2T	16.5	15	42.7	57.5	163.5	1.6
8-TP817-16	8T	32T	19	18.5	45.4	74	183.5	2.8
8-TP817-20	12.5T	50T	24	23	56	74	219	5.0
8-TP817-22	15T	60T	27	27	68.5	90	254	6.3
8-TP817-26	21.2T	84.8T	30	30	77	102	309	14.5

Above Working Load Limit is based on side pull

TP-LIFTING G80 Clevis Clutch



- Forged super alloy steel-Quenched and Tempered.
- Individually proof tested at 2.5 times Working Load Limit.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- 100% Magnaflux Crack Detection.
- All load pins are 100% individually inspected and tested.
- Breakage test.



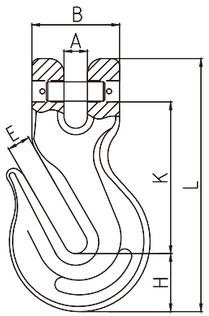
TP819-G80 CLEVIS CLUTCH
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±0.3 (mm)	B±2 (mm)	C±0.5 (mm)	D±1 (mm)	E±2 (mm)	H±1 (mm)	L±2 (mm)	φ±0.5 (mm)	P±0.5 (mm)	S±0.3 (mm)	Weight (kg/pc)
8-TP819-06	1.12T	4.48T	8	44	7.5	30	32.8	11.8	73.5	7.8	7.5	12	0.18
8-TP819-7/8	2T	8T	10.5	61.7	9.5	36	45	15.7	101	9.2	9.5	17	0.45
8-TP819-10	3.15T	12.6T	12.4	92	13	48	55	20	138	13.2	13	28	0.93
8-TP819-13	5.3T	21.2T	16	115	16.5	59	75	24.5	177	16.2	16.5	34.5	1.88
8-TP819-16	8T	32T	19.5	143	21	73	93	30.5	220	20	21	40	3.5
8-TP819-18/20	12.5T	50T	23	152	23.5	81	102	36	238	24.3	23.5	46	4.43
8-TP819-22	15T	60T	26	195	25.5	98	118	42	295	28.1	25.5	57.5	8.05

TP-LIFTING G80 Clevis Grab Hook



- Forged super alloy steel-Quenched and Tempered.
- Suitable for using with EN818-2 G80 chain.
- Individually proof tested at 2.5 times Working Load Limit.
- 100% Magnaflux Crack Detection.
- Fatigue tested at 1.5 times Working Load Limit for 20,000 cycles.
- Breakage test.



TP818-G80 CLEVIS GRAB HOOK
Ultimate load is 4 times the Working Load Limit.

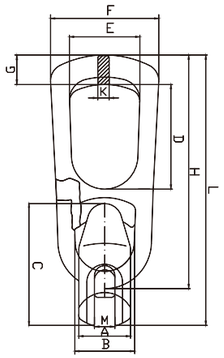
Model	W.L.L.	B.L	A±2 (mm)	B±2 (mm)	E±2 (mm)	H±3 (mm)	K±3 (mm)	L±3 (mm)	Weight (kg/pc)
8-TP818-1/4	1.2T	4.8T	8	34	8	19.5	57	90.5	0.22
8-TP818-9/32	2T	8T	9.5	41	9.5	23	65.3	106.5	0.31
8-TP818-3/8	3.2T	12.8T	12.7	46	12.5	31	82	137	0.70
8-TP818-1/2	5.4T	21.6T	16	61	16.7	43	113	184.5	1.8
8-TP818-5/8	8.2T	32.8T	19.5	68.5	20	49	129.5	215	3.1
8-TP818-3/4	12.8T	51.2T	24	88	24	58	152	254	4.1
8-TP818-7/8	15.5T	62T	27	101	26	64.8	178	295	6.2

Above Working Load Limit is based on side pull

TP-LIFTING G80 Concrete Precast Element Lifting



- Component A: Cast super alloy.
- Component B: Forged alloy steel
- 100% Magnaflux Crack Detection.
- Breakage test.
- Surface finish: Electrogalvanizing/ Powder plastified
- Safety factor: 4:1

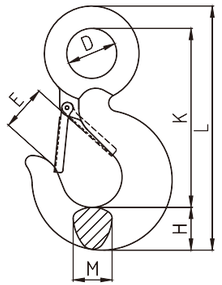


TP820-G80 UNIVERSAL RING
Ultimate load is 4 times the Working Load Limit.

Model	W.L.L.	B.L	A±1 (mm)	B±1 (mm)	C±2 (mm)	D±1 (mm)	E±1 (mm)	F±1 (mm)	H±3 (mm)	M±2 (mm)	L±2 (mm)	G (mm)	K±0.5 (mm)	Weight (kg/pc)
8-TP820-1-1.3T	1.3T	5.2T	33	42	80.4	70.5	45	73	160	11	186	20.5	12.5	0.89
8-TP820-1.5-2.5T	2.5T	10T	41	49	102	85	57	88	188	16	227	27	14	1.30
8-TP820-3-5T	5T	20T	55	70	133	88	69	110	242	22	282	35	18	3.24
8-TP820-6-10T	10T	40T	73	92	176	116	83	161	342	30	391	51	27	10.00
8-TP820-12-20T	20T	80T	110	114.5	224	133.5	107.5	182	437	42	497	77	31	20.40
8-TP820-12-32T	32T	128T	154	172	307	189	164	272	560	52	661	102	40	46.50

TP-LIFTING Eye Hook

- Available in carbon steel and alloy steel.
- Forged -Quenched and Tempered.
- 100% Magnaflux Crack Detection.
- Breakage test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.



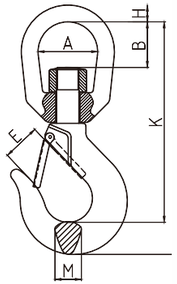


TP320-320 U.S . TYPE EYE HOOK
Ultimate load is 5 times the Working Load Limit.

Model	Alloy		Carbon		D±1 (mm)	E±2 (mm)	H±1.5 (mm)	K±2.5 (mm)	L±3 (mm)	L±1.5 (mm)	Weight (kg/pc)
	W.L.L.	B.L	W.L.L.	B.L							
TP320-A0.75T/C0.5T	0.75T	3.75T	0.5T	2.5T	16.5	18	17	72	97	16	0.21
TP320-A1T/C0.75T	1T	5T	0.75T	3.75T	19	22	20.5	82	112	16	0.27
TP320-A1.5T/C1T	1.5T	7.5T	1T	5T	23	24.5	21.5	94	126	17.5	0.40
TP320-A2T/C1.5T	2T	10T	1.5T	7.5T	28	25	26	104.5	142	21	0.60
TP320-A3T/C2T	3T	15T	2T	10T	31	27	28	120	163	23	0.84
TP320-A5T/C3T	5T	25T	3T	15T	39	35.5	40	146	203	33	1.81
TP320-A7T/C5T	7T	35T	5T	25T	51	44	45	187.5	255	38	3.35
TP320-A11T/C7.5T	11T	55T	7.5T	37.5T	62	55	57	231.5	317	46	6.10
TP320-A15T/C10T	15T	75T	10T	50T	73	57	66	262	360	55	9.60
TP320-A22T/C15T	22T	110T	15T	75T	89	83	79.6	318	433	68.5	16.0
TP320-A30T/C20T	30T	150T	20T	100T	90	95	91	360	495.5	70	25.8

TP-LIFTING Forged Swivel Hook

- Forged alloy steel or carbon steel.
- 100% Magnaflux Crack Detection.
- With safety latch.
- Breakage test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.
  - Can be rotated under Non-load conditions!



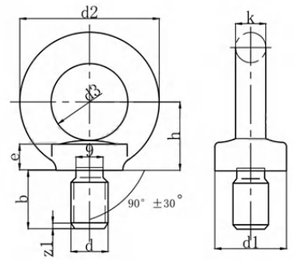


TP322-322 U.S . TYPE FORGED SWIVEL HOOK
Alloy steel: Ultimate load is 4.5 times the Working Load Limit.
Carbon steel: Ultimate load is 5 times the Working Load Limit.

Model	Alloy		Carbon		A±1 (mm)	B±2 (mm)	E±2 (mm)	H±0.6 (mm)	K±4 (mm)	L±5 (mm)	M±1 (mm)	Weight (kg/pc)
	W.L.L.	B.L	W.L.L.	B.L								
TP322-A0.75T/C0.5T	0.75T	3.375T	0.5T	2.5T	32	22.5	17	9	110	137	15	0.30
TP322-A1T/C0.75T	1T	4.5T	0.75T	3.75T	32	22.5	17	9	108	136	16	0.34
TP322-A1.5T/C1T	1.5T	6.75T	1T	5T	37.5	29.5	22.5	12	130	163.5	17.5	0.64
TP322-A2T/C1.5T	2T	9T	1.5T	7.5T	42.5	33	21.5	15.8	150	192	21	1.05
TP322-A3T/C2T	3T	13.5T	2T	10T	42.5	33	26	15.8	163	209	23	1.24
TP322-A5T/C3T	5T	22.5T	3T	15T	48	39	32.5	18	191	246	33	3.98
TP322-A7T/C5T	7T	31.5T	5T	25T	64	53	43	21.5	243.5	313	34	4.00
TP322-A11T/C7.5T	11T	49.5T	7.5T	37.5T	68	53	49.5	26	277	364	41.5	7.09
TP322-A15T/C10T	15T	67.5T	10T	50T	79	62	54.5	32	332	431	55.7	12.77
TP322-A22T/C15T	22T	99T	15T	75T	105	108	87	40	427	543	70	24.50
TP322-A30T/C20T	30T	135T	20T	100T	105	96	97.5	40	465	596	76.2	34.50

TP-LIFTING Eye Bolt
0.16Ton - 16Ton



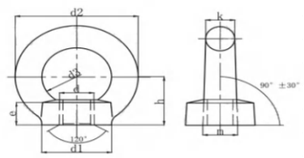


EYE BOLT DIN 580

Model	W.L.L.	Dimension(mm)							Weight (lbs/100pc)
		d1	d2	d3	b	e	h	k	
TP-EB-M6	0.14T	17	28	16	13	6	17	6	11
TP-EB-M8	0.14T	20	36	20	15	6	18	8	13
TP-EB-M10	0.23T	25	45	25	18	8	22	10	24
TP-EB-M12	0.34T	30	54	30	22	10	26	12	40
TP-EB-M14	0.49T	35	63	35	28	12	30	14	63
TP-EB-M16	0.7T	35	63	35	28	12	30	14	62
TP-EB-M20	1.2T	40	72	40	30	12	35	16	99
TP-EB-M22	1.5T	45	81	45	35	14	40	18	148
TP-EB-M24	1.8T	50	90	50	38	16	45	20	192
TP-EB-M27	2.5T	50	90	50	38	18	45	20	194
TP-EB-M30	3.6T	65	108	60	45	18	55	24	366
TP-EB-M33	4.3T	65	108	60	45	22	55	24	380
TP-EB-M36	5.1T	75	126	70	55	22	65	28	585
TP-EB-M39	6.1T	75	126	70	55	26	65	28	618
TP-EB-M42	7T	85	144	80	65	30	75	32	889
TP-EB-M45	8T	85	144	80	65	30	75	32	938
TP-EB-M48	8.6T	100	166	90	70	35	85	38	1408
TP-EB-M52	9.9T	100	166	90	70	35	85	38	1456
TP-EB-M56	11.5T	110	184	100	80	38	95	42	1942
TP-EB-M64	16T	120	206	110	90	42	100	48	2736

TP-LIFTING Eye Nut
0.16Ton - 16Ton



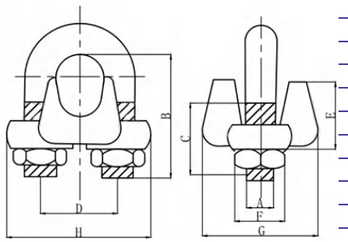


EYE NUT DIN 582

Model	W.L.L.	Dimension(mm)						Weight (lbs/100pc)
		d1	d2	d3	e	h	k	
TP-EN-M6	0.14T	20	36	20	8.5	18	8	11
TP-EN-M8	0.14T	20	36	20	8.5	18	8	11
TP-EN-M10	0.23T	25	45	25	10	22	10	20
TP-EN-M12	0.34T	30	54	30	11	26	12	35
TP-EN-M16	0.7T	35	63	35	13	30	14	53
TP-EN-M20	1.2T	40	72	40	16	35	16	79
TP-EN-M22	1.5T	45	81	45	18	40	18	128
TP-EN-M24	1.8T	50	90	50	20	45	20	159
TP-EN-M27	2.5T	50	90	50	20	45	20	154
TP-EN-M30	3.6T	65	108	60	25	55	24	291
TP-EN-M33	4.3T	65	108	60	25	55	24	287
TP-EN-M36	5.1T	75	126	70	30	65	28	459
TP-EN-M39	6.1T	75	126	70	30	65	28	446
TP-EN-M42	7T	85	144	80	35	75	32	686
TP-EN-M45	8T	85	144	80	35	75	32	671
TP-EN-M48	8.6T	100	166	90	40	85	38	1108
TP-EN-M52	9.9T	100	166	90	40	85	38	1092
TP-EN-M56	11.5T	110	184	100	45	95	42	1476
TP-EN-M64	16T	120	206	110	50	105	48	2052

TP-LIFTING Wire Rope Clips



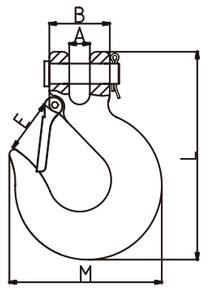


U.S. TYPE DROP FORGED WIRE ROPE CLIPS

Model	Dimension(inch)								Weight (lbs/100pc)
	A	B	C	D	E	F	G	H	
TP-WRC-1/8	0.22	0.72	0.44	0.47	0.37	0.38	0.81	0.99	6
TP-WRC-3/16	0.25	0.97	0.56	0.59	0.50	0.44	0.94	1.18	10
TP-WRC-1/4	0.31	1.03	0.5	0.75	0.66	0.56	1.19	1.43	19
TP-WRC-5/16	0.38	1.38	0.75	0.88	0.73	0.69	1.31	1.66	28
TP-WRC-3/8	0.44	1.5	0.75	1	0.91	0.75	1.63	1.94	48
TP-WRC-7/16	0.5	1.88	1	1.19	1.13	0.88	1.91	2.28	78
TP-WRC-1/2	0.5	1.88	1	1.19	1.13	0.88	1.91	2.28	80
TP-WRC-9/16	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.5	109
TP-WRC-5/8	0.56	2.25	1.25	1.31	1.34	0.94	2.06	2.5	110
TP-WRC-3/4	0.62	2.75	1.44	1.5	1.39	1.06	2.25	2.84	142
TP-WRC-7/8	0.75	3.12	1.62	1.75	1.58	1.25	2.44	2.16	212
TP-WRC-1	0.75	3.5	1.81	1.88	1.77	1.25	2.63	3.47	252
TP-WRC-1-1/8	0.75	3.88	2	2	1.91	1.25	2.81	3.59	283
TP-WRC-1-1/4	0.88	4.44	2.22	2.34	2.17	1.44	3.13	4.13	438
TP-WRC-1-3/8	0.88	4.44	2.22	2.34	2.31	1.44	3.13	4.19	442
TP-WRC-1-1/2	0.88	4.94	2.38	2.59	2.44	1.44	3.41	4.44	544
TP-WRC-1-5/8	1	5.31	2.62	2.75	2.66	1.63	3.63	4.75	704
TP-WRC-1-3/4	1.13	5.75	2.75	3.06	2.92	1.81	3.81	5.24	934
TP-WRC-2	1.25	6.44	3	3.38	3.03	2	4.44	5.88	1300
TP-WRC-2-1/4	1.25	7.13	3.19	3.88	3.19	2	4.56	6.38	1600
TP-WRC-2-1/2	1.25	7.69	3.44	4.13	3.69	2	4.69	6.63	1900
TP-WRC-2-3/4	1.25	8.31	3.56	4.38	4.88	2	5	6.88	2300
TP-WRC-3	1.5	9.19	3.88	4.75	4.44	2.38	5.31	7.61	3100
TP-WRC-3-1/2	1.5	10.75	4.5	5.5	6	2.38	6.19	8.38	4000

TP-LIFTING Clevis Slip Hook

- Forged super carbon/alloy steel-Quenched and Tempered.
- 100% Magnaflux Crack Detection.
- Not for lifting, only for lashing or pulling.
- Breakage test.
- Surface finish: Powder plastified.
- Color: Red RAL3020/ Yellow RAL1028.





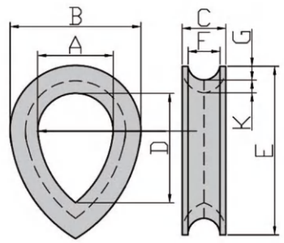
TP127-G70 CLEVIS SLIP HOOK

Model	W.L.L(4:1)		A±2 (mm)	B±2 (mm)	E±2 (mm)	L±3 (mm)	M±3 (mm)	Weight (kg/pc)
	Carbon	Alloy						
TP-127-1/4	1950LBS	2750LBS	11	27	21.5	103	70.5	0.53
TP-127-5/16	2875LBS	4300LBS	12.5	32	26	117	79	0.77
TP-127-3/8	4000LBS	5250LBS	15	38	32	134	93.5	1.26
TP-127-7/16	5000LBS	7000LBS	14.5	44	39	151.5	111	2.25
TP-127-1/2	6500LBS	9000LBS	19	48	37.5	168	124.5	3.06
TP-127-5/8	9250LBS	13500LBS	18.5	58.7	46.5	200.5	143	5.18
TP-127-3/4	12500LBS	19250LBS	30	81	58	256	188	12.4

RIGGING

TP-LIFTING Ordinary Thimbles BS464-1958



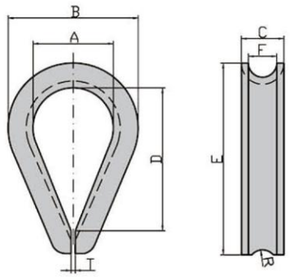


BS464 THIMBLES

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	K (mm)
TP-464-8mm(5/16")	22.2	38	12.7	33.4	52	7.9	4	4
TP-464-9mm(3/8")	25.4	47.6	14.3	38	64	10.3	6.3	4
TP-464-11mm(7/16")	28.6	52	17.5	41.3	73	12.7	7.9	4.5
TP-464-13mm(1/2")	31.7	58.8	20.6	44.5	79.4	14.3	7.9	5.5
TP-464-14mm(9/16")	38	64	20.6	56	88	15.4	7.9	5.5
TP-464-16mm(5/8")	41.3	74.5	22.2	58.8	95.8	15.9	8.7	7.5
TP-464-17mm(11/16")	44.5	79.4	28.6	66.6	108	19	9.5	7.5
TP-464-19mm(3/4")	50.8	92	28.6	73	124	20.6	11.1	8.5
TP-464-21mm(13/16")	50.8	92	28.6	73	121	20.6	11.1	9.5
TP-464-22mm(7/8")	56	102	31.7	82.5	131	22.2	12.7	10
TP-464-24mm(15/16")	64	110	33.4	92	146	25.4	12.7	10
TP-464-25mm(1")	69.8	119	35	108	162	27	14.3	10
TP-464-29mm(1-1/8")	76.2	133	38	112	178	28.6	15.9	10
TP-464-32mm(1-1/4")	95	152	41.3	133	197	33.4	15.9	10
TP-464-35mm(1-3/8")	105	175	47.6	152	228	38	19	13.5
TP-464-38mm(1-1/2")	114	197	52	165	254	41.3	23.8	13.5
TP-464-41mm(1-5/8")	120	205	57	188	280	47	24	16
TP-464-44mm(1-3/4")	127	228	57	178	286	50.8	25.4	19
TP-464-48mm(1-7/8")	133	248	66.6	190	317	60.4	28.6	20
TP-464-51mm(2")	140	257	69.8	203	330	64	30.1	20
TP-464-54mm(2-1/8")	140	257	69.8	203	330	64	30.1	20
TP-464-57mm(2-1/4")	160	296	76.2	246	356	66.6	31.7	26
TP-464-64mm(2-1/2")	170	300	93	255	420	75	43	26

TP-LIFTING Extra Heavy Wire Rope Thimbles G414



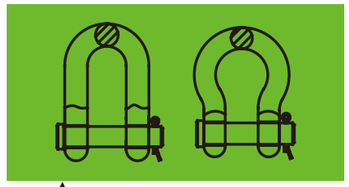


G414 THIMBLES

Model	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	F (mm)	R (mm)	E (mm)
TP-414-6mm(1/4")	22.2	38	10	41	3	6.3	3	55
TP-414-8mm(5/16")	27	46	13	48	4	8	3	64
TP-414-9mm(3/8")	29	54	16	54	5	9.5	4	73
TP-414-11mm(7/16")	32	60	19	60	6	11.1	4.5	82
TP-414-13mm(1/2")	38	70	21	70	7	13	5.5	92
TP-414-14mm(9/16")	38	68	23	70	7	14.3	5.5	92
TP-414-16mm(5/8")	44	79	25	82	8	16	7	108
TP-414-19mm(3/4")	51	97	31	95	9	19.1	8	127
TP-414-22mm(7/8")	57	108	35	108	10	22.3	9	140
TP-414-25mm(1")	64	125	39	115	11	25.4	10	152
TP-414-28-32mm(1-1/8"-1-1/4")	73	149	47.6	130	12	32	11	177
TP-414-32-35mm(1-1/4"-1-3/8")	89	173	57	165	13	35	12	230
TP-414-35-38mm(1-3/8"-1-1/2")	89	181	66.6	158	14	38	13	229
TP-414-42mm(1-5/8")	102	206	70	203	15	42	14	285
TP-414-45mm(1-3/4")	114	216	73	228	16	45	15	309
TP-414-48-50mm(1-7/8"-2")	152	263	79	305	18	51	15	384
TP-414-57mm(2-1/4")	178	302	92	356	20	58	16	435
TP-414-64mm(2-1/2")	185	315	105	370	22	66	17	460
TP-414-67mm(2-5/8")	195	330	115	390	23	69	18	498
TP-414-70mm(2-3/4")	210	344	110	420	24	70	18.5	535
TP-414-78mm(3")	229	378	125	458	25	80	19	590
TP-414-84mm(3-1/4")	235	384	127	478	26	84	20	630
TP-414-90mm(3-1/2")	240	390	132	500	26	92	22	630
TP-414-105mm(4")	250	400	145	530	26	105	22	660

RIGGING

SHACKLE APPLICATION



ROUND PIN SHACKLES:

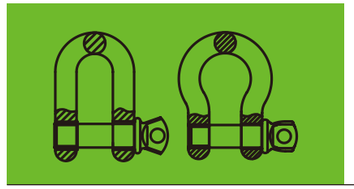
They can be used in tie down, towing, suspension or lifting.
When used for lifting, the load will be strictly applied in line.
Never be used in multiple legs sling.
Never be used in side loading.
Always use cotter pins.



Correct load direction!

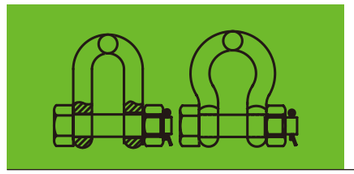


Wrong load direction!



SCREW PIN SHACKLES:

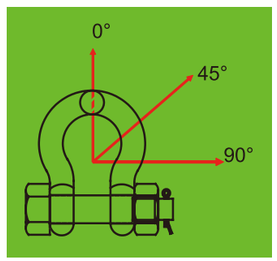
They are used in pick and place applications.
When used for lifting or side loading applications, the working load limit will reduce.
Tighten the screw pin before each pick.



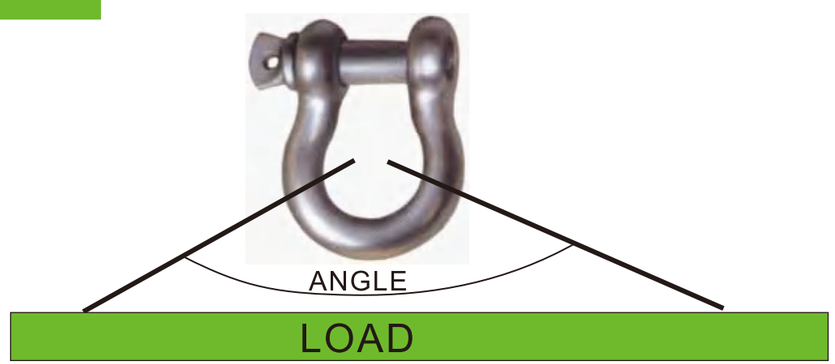
BOLT TYPE SHACKLES:

They are used in permanent or long term applications.
When used for lifting or side loading applications, the working load limit will reduce.
Tighten the nut and always use the cotter pin.

For SCREW PIN SHACKLES and BOLT TYPE SHACKLES, the Working Load Limit will reduce in side loading.



LOAD ANGLE	ADJUSTED WORKING LOAD LIMIT
0°	WLL X 100%
0° – 45°	WLL X 70%
45° – 90°	WLL X 50%



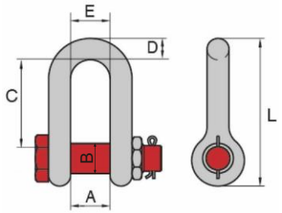
In loading, the maximum angle is 120° , Never exceed 120°

TOP LIFT

TP-LIFTING G-2150 High Strength Bolt Type Dee Shackle

Shackles are made of forged alloy steel with alloy pin.
Size and Working Load Limit are permanently shown on each shackle.

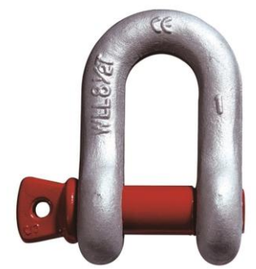


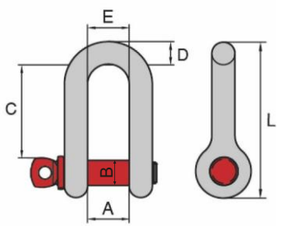


Model	W.L.L.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	L (mm)	Weight (kg/pc)
TP-M01-3/16	0.33T	9.65	6.35	-	4.85	-	-	-
TP-M01-1/4	0.5T	11.9	7.85	19.05	6.35	24.6	40.4	0.06
TP-M01-5/16	0.75T	13.5	9.65	25.40	7.85	29.5	48.5	0.10
TP-M01-3/8	1T	16.8	11.2	30.99	9.65	35.8	58.5	0.15
TP-M01-7/16	1.5T	19.1	12.7	36.09	11.2	41.1	67.5	0.22
TP-M01-1/2	2T	20.6	16.0	41.04	12.7	46.0	77.0	0.34
TP-M01-5/8	3.25T	26.9	19.1	50.80	16.0	58.5	95.5	0.67
TP-M01-3/4	4.75T	31.8	22.4	60.45	19.1	70.0	115	1.14
TP-M01-7/8	6.5T	36.6	25.4	71.37	22.4	81.0	135	1.74
TP-M01-1	8.5T	42.9	28.7	81.03	25.4	93.5	151	2.52
TP-M01-1-1/8	9.5T	46.0	31.8	90.93	28.7	103	172	3.45
TP-M01-1-1/4	12T	51.5	35.1	100.08	31.8	115	191	4.90
TP-M01-1-3/8	13.5T	57.0	38.1	111.25	35.1	127	210	6.24
TP-M01-1-1/2	17T	60.5	41.4	122.17	38.1	137	230	8.39
TP-M01-1-3/4	25T	73.0	51.0	146.05	44.5	162	279	14.2
TP-M01-2	35T	82.5	57.0	171.45	51.0	184	312	21.2
TP-M01-2-1/2	55T	105	70.0	203.20	66.5	238	377	38.6
TP-M01-3	85T	127	82.5	215.90	76.0	279	429	56.0
TP-M01-3-1/2	120T	133	95.5	-	92.0	-	-	-
TP-M01-4	150T	140	108	-	104	-	-	-

TP-LIFTING G-210 High Strength Screw Pin Dee Shackle

Shackles are made of forged alloy steel with alloy pin.
Size and Working Load Limit are permanently shown on each shackle.





Model	W.L.L.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	L (mm)	Weight (kg/pc)
TP-M02-3/16	0.33T	9.65	6.35	-	4.85	19.35	-	0.022
TP-M02-1/4	0.5T	11.9	7.85	22.5	6.35	26.4	40.4	0.05
TP-M02-5/16	0.75T	13.5	9.65	26.2	7.85	29.5	48.5	0.08
TP-M02-3/8	1T	16.8	11.2	31.8	9.65	35.8	58.5	0.13
TP-M02-7/16	1.5T	19.1	12.7	36.6	11.2	41.4	67.5	0.20
TP-M02-1/2	2T	20.6	16.0	41.4	12.7	46.0	77.0	0.27
TP-M02-5/8	3.25T	26.9	19.1	51.0	16.0	58.5	95.5	0.57
TP-M02-3/4	4.75T	31.8	22.4	60.5	19.1	70.0	115	1.20
TP-M02-7/8	6.5T	36.6	25.4	71.5	22.4	81.0	135	1.43
TP-M02-1	8.5T	42.9	28.7	81.0	25.4	93.5	151	2.15
TP-M02-1-1/8	9.5T	46.0	31.8	91.0	29.5	103	172	3.06
TP-M02-1-1/4	12T	51.5	35.1	100	32.8	115	191	4.11
TP-M02-1-3/8	13.5T	57.0	38.1	111	35.1	127	210	5.28
TP-M02-1-1/2	17T	60.5	41.4	122	38.1	137	230	7.23
TP-M02-1-3/4	25T	73.0	51.0	146	44.5	162	279	12.1
TP-M02-2	35T	82.5	57.0	172	51.0	184	312	19.2
TP-M02-2-1/2	55T	105	70.0	203	66.5	238	377	32.5

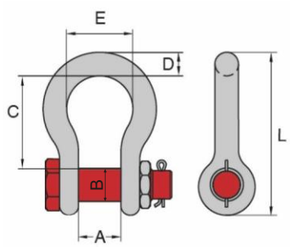
SHACKLE

SHACKLE

TP-LIFTING G-2130 High Strength Bolt Type Bow Shackle

Shackles are made of forged alloy steel with alloy pin.
Size and Working Load Limit are permanently shown on each shackle.



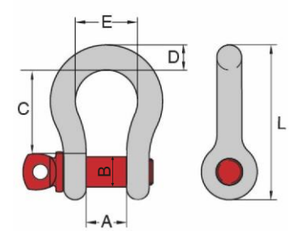


Model	W.L.L.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	L (mm)	Weight (kg/pc)
TP-M03-3/16	0.33T	9.65	6.35	22.4	4.85	15.2	37.3	0.03
TP-M03-1/4	0.5T	11.9	7.85	28.7	6.35	19.8	46.7	0.05
TP-M03-5/16	0.75T	13.5	9.65	31.0	7.85	21.3	53.0	0.10
TP-M03-3/8	1T	16.8	11.2	36.6	9.65	26.2	63.0	0.15
TP-M03-7/16	1.5T	19.1	12.7	42.9	11.2	29.5	74.0	0.22
TP-M03-1/2	2T	20.6	16.0	47.8	12.7	33.3	83.5	0.36
TP-M03-5/8	3.25T	26.9	19.1	60.5	16.0	42.9	106	0.76
TP-M03-3/4	4.75T	31.8	22.4	71.5	19.1	51.0	126	1.23
TP-M03-7/8	6.5T	36.6	25.4	84.0	22.4	58.0	148	1.79
TP-M03-1	8.5T	42.9	28.7	95.5	25.4	68.5	167	2.57
TP-M03-1-1/8	9.5T	46.0	31.8	108	28.7	74.0	190	3.75
TP-M03-1-1/4	12T	51.5	35.1	119	31.8	82.5	210	5.31
TP-M03-1-3/8	13.5T	57.0	38.1	133	35.1	92.0	233	7.18
TP-M03-1-1/2	17T	60.5	41.4	146	38.1	98.5	254	9.43
TP-M03-1-3/4	25T	73.0	51.0	178	44.5	127	313	15.4
TP-M03-2	35T	82.5	57.0	197	51.0	146	348	23.7
TP-M03-2-1/2	55T	105	70.0	267	69.0	184	453	38.9
TP-M03-3	85T	127	82.5	330	76.0	200	546	70.0
TP-M03-3-1/2	120T	133	95.5	372	92.0	229	626	120
TP-M03-4	150T	140	108	368	104	254	653	153

TP-LIFTING G-209 High Strength Screw Pin Bow Shackle

Shackles are made of forged alloy steel with alloy pin.
Size and Working Load Limit are permanently shown on each shackle.

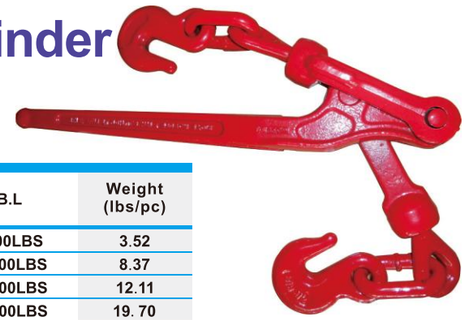




Model	W.L.L.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	L (mm)	Weight (kg/pc)
TP-M04-3/16	0.33T	9.65	6.35	22.4	4.85	15.2	37.3	0.03
TP-M04-1/4	0.5T	11.9	7.85	28.7	6.35	19.8	46.7	0.05
TP-M04-5/16	0.75T	13.5	9.65	31.0	7.85	21.3	53.0	0.09
TP-M04-3/8	1T	16.8	11.2	36.6	9.65	26.2	63.0	0.14
TP-M04-7/16	1.5T	19.1	12.7	42.9	11.2	29.5	74.0	0.17
TP-M04-1/2	2T	20.6	16.0	47.8	12.7	33.3	83.5	0.33
TP-M04-5/8	3.25T	26.9	19.1	60.5	16.0	42.9	106	0.62
TP-M04-3/4	4.75T	31.8	22.4	71.5	19.1	51.0	126	1.07
TP-M04-7/8	6.5T	36.6	25.4	84.0	22.4	58.0	148	1.64
TP-M04-1	8.5T	42.9	28.7	95.5	25.4	68.5	167	2.28
TP-M04-1-1/8	9.5T	46.0	31.8	108	29.5	74.0	190	3.36
TP-M04-1-1/4	12T	51.5	35.1	119	32.8	82.5	210	4.31
TP-M04-1-3/8	13.5T	57.0	38.1	133	36.1	92.0	233	6.14
TP-M04-1-1/2	17T	60.5	41.4	146	39.1	98.5	254	7.80
TP-M04-1-3/4	25T	73.0	51.0	178	46.7	127	313	12.6
TP-M04-2	35T	82.5	57.0	197	53.0	146	348	20.4
TP-M04-2-1/2	55T	105	70.0	267	69.0	184	453	38.9

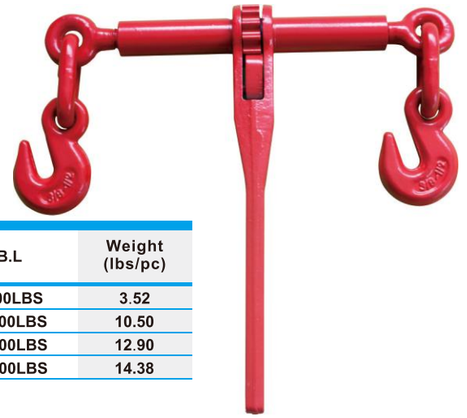
LOAD BINDER

TP-LIFTING Lever Load Binder

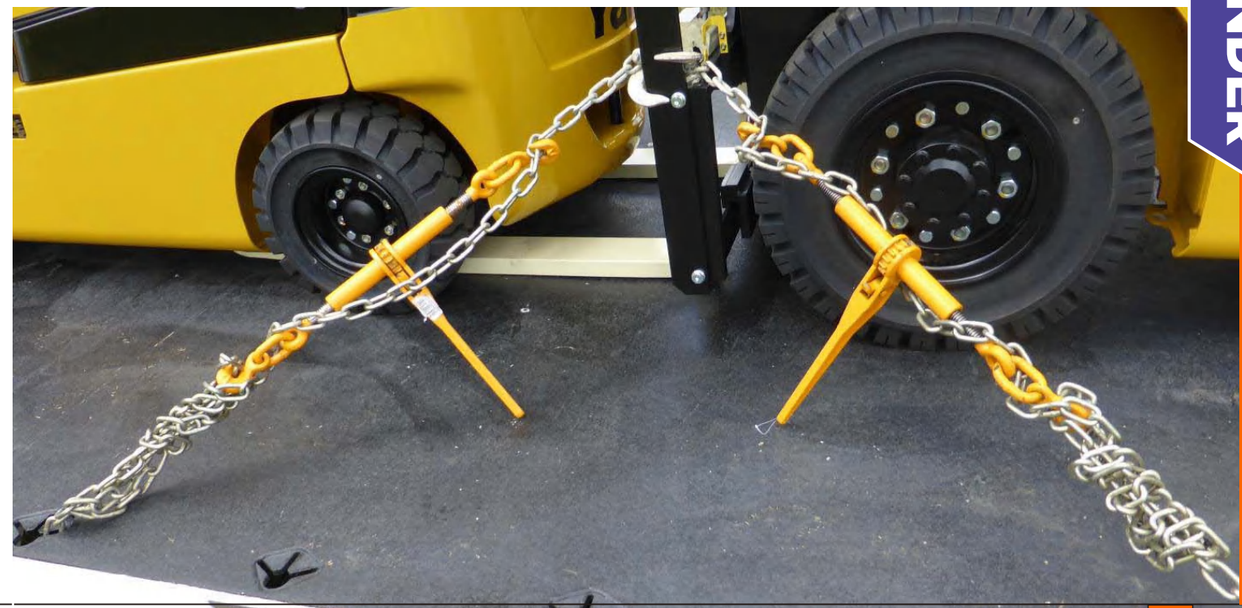


Model	Size	W.L.L.	Proof Load	B.L	Weight (lbs/pc)
TP-LLB-1/4-5/16	1/4"-5/16"	2200LBS	4400LBS	7800LBS	3.52
TP-LLB-5/16-3/8	5/16"-3/8"	5400LBS	10800LBS	19000LBS	8.37
TP-LLB-3/8-1/2	3/8"-1/2"	9200LBS	18400LBS	33000LBS	12.11
TP-LLB-1/2-5/8	1/2"-5/8"	13000LBS	26000LBS	46000LBS	19. 70

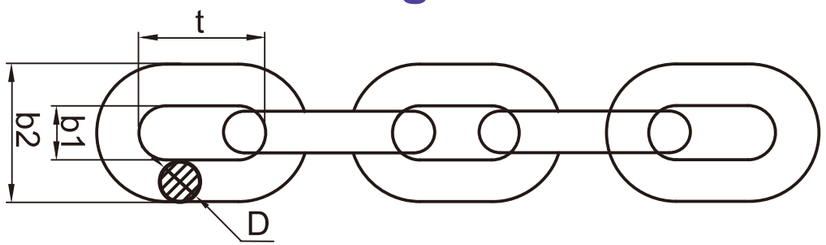
TP-LIFTING Ratchet Load Binder



Model	Size	W.L.L.	Proof Load	B.L	Weight (lbs/pc)
TP-RLB-1/4-5/16	1/4"-5/16"	2200LBS	4400LBS	7800LBS	3.52
TP-RLB-5/16-3/8	5/16"-3/8"	5400LBS	10800LBS	19000LBS	10.50
TP-RLB-3/8-1/2	3/8"-1/2"	9200LBS	18400LBS	33000LBS	12.90
TP-RLB-1/2-5/8	1/2"-5/8"	13000LBS	26000LBS	46000LBS	14.38



TP-LIFTING G80 Lifting Chain EN818-2



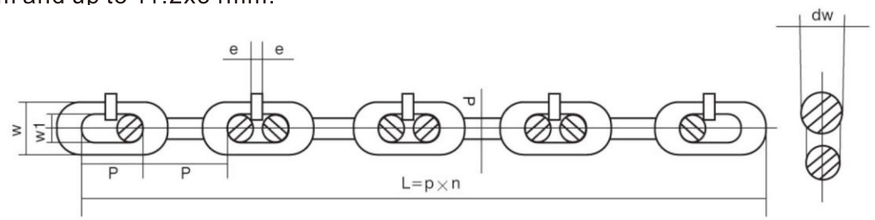
G80 LIFTING CHAIN EN818-2

Proof tested at 2.5 times the Working Load Limit.
Ultimate load is 4 times the Working Load Limit.

Item NO.	W.L.L.	B.L	D (mm)	t (mm)	b1(mm) min	b2(mm) max
6mm	1.12T	4.48T	6±0.24	18±0.5	7.8	22.2
7mm	1.5T	6T	7±0.28	21±0.6	9.1	25.9
8mm	2T	8T	8±0.32	24±0.7	10.4	29.6
10mm	3.15T	12.6T	10±0.40	30±0.9	13	37
13mm	5.3T	21.2T	13±0.52	39±1.2	16.9	48.1
16mm	8T	32T	16±0.64	48±1.4	20.8	59.2
18mm	10T	40T	18±0.90	54±1.6	23.4	66.6
20mm	12.5T	50T	20±1.00	60±1.8	26	74
22mm	15T	60T	22±1.10	66±2.0	28.6	81.4
26mm	21.2T	84.8T	26±1.30	78±2.3	33.8	96.2
32mm	31.5T	126T	32±1.60	96±2.9	41.6	118

TP-LIFTING G80 Hoist Chains

Worldwide we are a high quality supplier for different hoist manufacturers, we provide them with highly wear-resistant round steel chains according to EN818-7 for motor driven hoists and manual hoists. We manufacture hoist chains from the smallest size 5x15mm and up to 11.2x34mm.



G80 HOIST CHAINS EN818-7

Item NO.	Diameter (mm)	Tolerance (mm)	Pitch P		Nine Links Pitch L		Outside Width		Inside(min) w1(mm)	Inside(min) dw(mm)	Inside(min) 2e(mm)
			Specification Value	Diameter (mm)	Specification Value	Diameter (mm)	Specification Value	Diameter (mm)			
TP-5x15	5	+0.10-0.30	15	0.29	135	+0.68	17	0.38	6.8	5.5	6
TP-6x18	6	+0.12-0.36	18	0.35	162	+0.82	20	0.45	7.76	6.6	7.2
TP-6.3x19	6.3	+0.13-0.38	19	0.37	171	+0.863	21	0.48	8.14	6.9	7.56
TP-7.1x21	7.1	+0.14-0.43	21	0.41	189	+0.96	23	0.54	8.52	7.5	9.1
TP-8x24	8	+0.16-0.43	24	0.46	216	+1.097	26	0.6	9.68	8.8	9.6
TP-9x27	9	+0.18-0.54	27	0.52	243	+1.233	30	0.68	11.64	19.9	10.8
TP-10x30	10	+0.20-0.60	30	0.58	270	+1.37	33	0.75	12.6	11	12
TP-11.2x34	11.2	+0.40-0.40	34	0.6	306	+1.7	35	0.85	13.2	12.3	13.4

TP-LIFTING Wire Rope

Typical Cross Sections of Wire Rope& Strand

