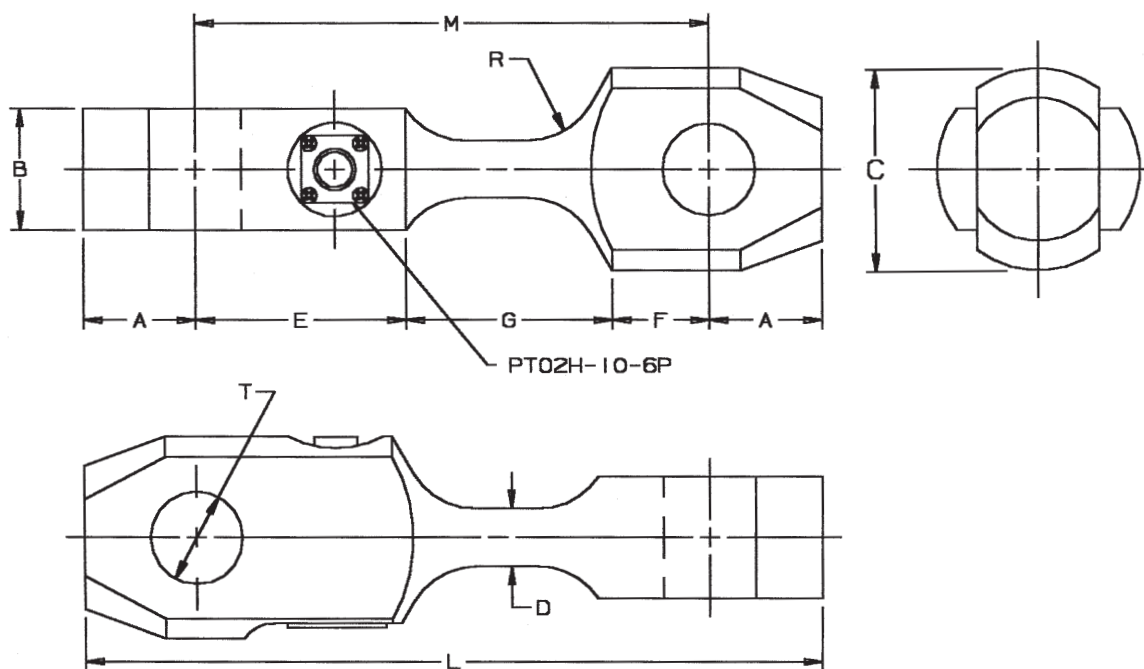




# Force Sensing Tension Links for Anchor and Chain Shackles

STL Series



U.S. Patent No. 2,873,341

# Force Sensing Tension Links for Anchor and Chain Shackles

Tension Link Model No.	Shackle Size	CAP. Lbs.	A	B	C Dia.	D Dia.	E	F	G	L	M	R Rad.	T Dia.	Safety Factor	Weight Lbs.
STL-0.75*	5/16	1,500	1/2	7/16	1	0.384	2-1/8	1/4	1-5/8	5	4	1/2	0.406	4.2	1
STL-1*	3/8	2,000	9/16	9/16	1-1/8	0.427	2-3/16	5/16	1-3/4	5-3/8	4-1/4	1/2	0.469	4.2	1
STL-1.5*	7/16	3,000	5/8	5/8	1-7/16	0.505	2-1/4	5/16	1-15/16	5-3/4	4-1/2	1/2	0.531	4.2	1
STL-2*	1/2	4,000	3/4	11/16	1-9/16	0.572	2-5/16	3/8	2-1/16	6-1/4	4-3/4	1/2	0.656	4.2	1
STL-3.25*	5/8	6,500	15/16	15/16	2	0.779	2-9/16	9/16	2-3/8	7-3/8	5-1/2	1/2	0.781	4.1	1
STL-4.75	3/4	9,500	1-1/8	1-1/8	2-3/16	0.635	2-5/8	3/4	2-5/8	8-1/4	6	1/2	0.906	3.0	4
STL-6.5	7/8	13,000	1-1/4	1-5/16	2-7/16	0.695	2-3/4	7/8	2-7/8	9	6-1/2	1	1.031	3.0	6
STL-8.5	1	17,000	1-3/8	1-9/16	2-11/16	0.764	2-11/16	1-1/16	3	9-1/2	6-3/4	1	1.156	3.0	8
STL-9.5	1-1/8	19,000	1-9/16	1-11/16	2-13/16	0.797	2-3/4	1-1/4	3-1/8	10-1/4	7-1/8	1	1.281	3.0	9
STL-12	1-1/4	24,000	1-3/4	1-7/8	3-1/16	0.873	2-11/16	1-7/16	3-3/8	11	7-1/2	1	1.438	3.0	12
STL-13.5	1-3/8	27,000	1-7/8	2-1/16	3-5/16	0.916	2-7/8	1-1/2	3-1/2	11-5/8	7-7/8	1	1.563	3.0	14
STL-30	1-1/2	60,000	1-13/16	2-3/16	3-7/16	1.274	2-15/16	1-7/16	4	12	8-3/8	1	1.688	3.0	16
STL-40	1-3/4	80,000	2-1/4	2-11/16	4-1/16	1.478	3-1/8	1-7/8	4-5/8	14-1/8	9-5/8	1	2.063	3.0	25
STL-50	2	100,000	2-1/2	3-1/16	4-1/2	1.614	3-1/4	2-1/16	5-1/16	15-3/8	10-3/8	1	2.313	3.0	32
STL-80	2-1/2	160,000	3-1/8	3-3/4	5-3/8	2.054	3-1/2	2-5/8	6-1/8	18-1/2	12-1/4	1	2.875	3.0	56
STL-110	3	220,000	3-11/16	4-5/8	6-3/8	2.397	3-3/4	3-1/2	6-5/8	21-1/4	13-7/8	1-1/2	3.375	3.0	95
STL-140	3-1/2	280,000	4-1/4	4-7/8	6-7/8	2.696	4-1/16	4	7-5/16	23-7/8	15-3/8	1-1/2	3.875	3.0	120
STL-175	4	350,000	4-3/4	5-1/8	7-7/16	3.008	4-7/16	4-7/16	7-7/8	26-1/4	16-3/4	1-1/2	4.375	3.0	190

\* Aluminum Alloy: 7075-T6; Hard Coat Finish: Rockwell C-60. All others 17-4 Stainless Steel, H-1025  
All dimensions in inches.

## ORDERING INFORMATION

**STL -110 (SS) X**

