

SWIVELS- PENGOMILLER, FOR LINE STRINGING

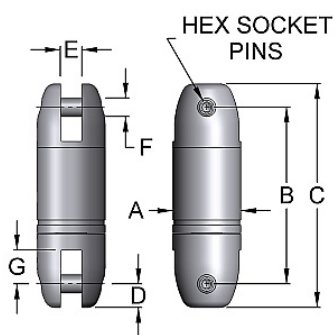


- The original PENGOMILLER tension line stringing swivels and 90° connectors.
- Designed specifically for horizontal pulling of tension lines and passage over sheaves. Overhead or through conduit.
- Swivels have Working Loads to 100,000 lbs with a 3:1 design factor.
- Equipped with low friction angular contact ball bearings.
- Machined, heat treated from solid forged alloy steel bar.
- Zinc plating inside and out for effective protection against corrosion.
- Factory lubricated and sealed with neoprene seals.
- 90° Connectors permit limited movement of connected cables in two perpendicular planes. Short, bullet shape accommodates passage through blocks. Mean breaking loads up to 150,000 lbs.

Safety Note: These swivels are designed for straight line pulling and will not support side loads as would be encountered traveling over a bull wheel. Miller line stringing swivels are not intended for general lifting applications. For general lifting see Miller Y-Link or Econo-Link swivels. Line stringing swivel selection should be based on pulling line diameter, grip size, opening dimensions, pin sizes, working load, and sheave groove diameter.

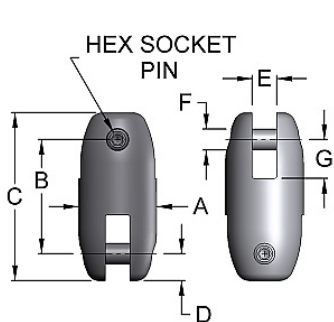
Order spare pins by model number of swivel or connector, i.e. "two pins for A-13-L".

LINE STRINGING SWIVELS



WLL* Tons	Model Number	A	B	C	D	E	F	G	Weight Lbs.
0.9	A-13-L	.875	2.34	3.09	0.375	0.31	.31	0.47	0.38
2	BB-13-L	1.25	3.66	4.34	0.44	0.59	.38	0.69	1
3.75	B-13-L	1.44	4	5.13	0.56	0.59	.44	0.81	1.38
5	C-13-L	1.875	5.44	7.06	0.81	0.75	.62	0.94	3.63
8	D-13-L	2.44	7.88	10.19	1.125	1	.88	1.56	8
12.5	EE-13-L	2.875	9.81	12.31	1.25	1.28	1	2.13	15
15	D-13-4BL	2.5	8.91	11.16	1.125	1	.88	1.56	9
25	GG-13-L	3.875	13.25	16.75	1.75	1.75	1.5	3.5	40
50	HH-13-L	4.875	15.81	20.56	2.375	2	2	3.69	78

90° CONNECTORS



Model Number	ROPE	A	B	C	D	E	F	G	MIN BREAK STRENGTH	Weight Lbs.
PL 1/4	1/4	.88	1.31	2.06	.38	0.31	.31	0.47	2.7	0.19
PL 3/8	3/8	1.25	1.75	2.63	.44	0.59	.38	0.69	6	0.38
PL 1/2	1/2	1.44	2.13	3.25	.56	0.59	.44	0.81	11.25	0.69
PL 5/8	5/8	1.88	2.5	4.13	.81	0.75	.62	0.94	15	1.69
PL 3/4	3/4	2.44	3.38	5.63	1.13	1	.88	1.31	30	3.75
PL 7/8	7/8	2.63	3.88	6.38	1.25	1	1	1.5	37.5	6.5
PL 1	1	3.88	8	11.5	1.75	1.75	1.5	3.5	75	18.5