



RATCHET TURNBUCKLES

EMINENTLY ADAPTABLE

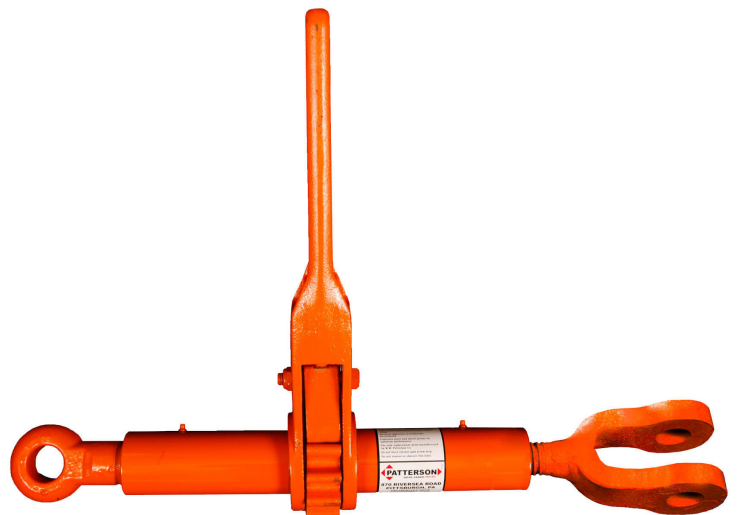
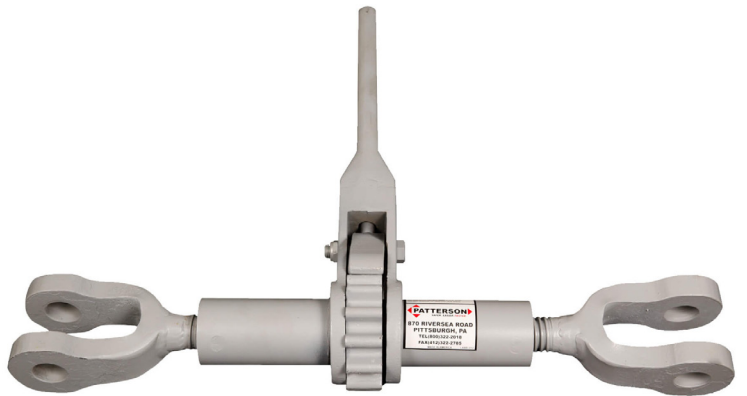
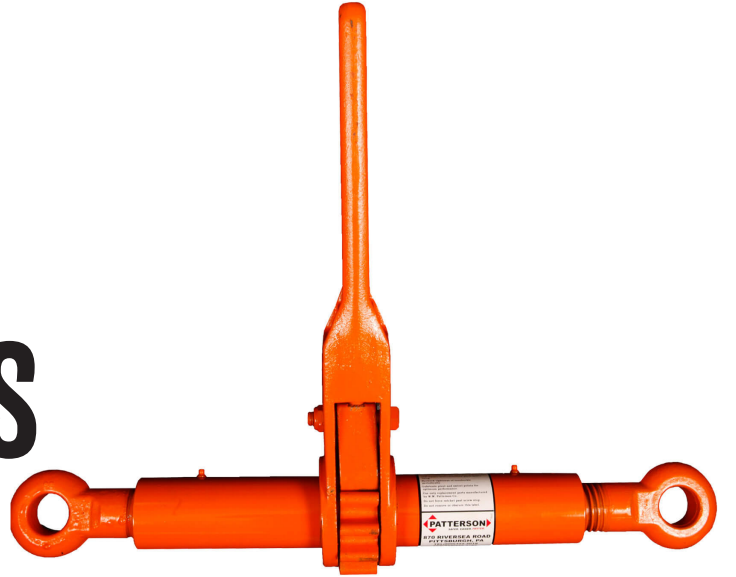
Patterson manufactures a wide range of customizable ratchet turnbuckles for just about any industrial application. If you need to rig it, brace it, moor it, secure it, or tie it down—whatever it is—we probably have the ratchet turnbuckle that’s right for the job. In fact, we’re known for our large inventory and willingness to fill custom orders (even small ones). We either have it on hand or can make it for you fast. That saves you time and money.

All of Patterson’s patented ratchet turnbuckles feature barrels made from cold-drawn steel tubing—not from welded pipe. And all of our turnbuckles are equipped with screw stops to decrease the chance of accidental disassembly or loosening.

Key Features

Cold-Drawn Steel Tubing Barrels

Customizable



[More Details >](#)



EYE + EYE TURNBUCKLES

Specifications

Model (Type D)	Screw Diameter	Barrel Length	Outside Eye Diameter	Max Hole Diameter	1st Thread to Center of Hole	Handle	Adjustment	Closed	Open	*Safe Working Load (Tension)
3/4 X 12	0.75"	12"	1.88"	0.75"	2"	11.5"	9.5"	16"	25.5"	4,600 lbs
1 X 12	1"	12"	2.38"	1"	2.25"	11.5"	9"	16.5"	25.5"	9,000 lbs
1 X 18	1"	18"	2.38"	1"	2.25"	11.5"	15"	22.5"	37.5"	9,000 lbs
1 1/4 X 12	1.25"	12"	3"	1.25"	2.5"	20"	8.5"	17"	25.5"	14,600 lbs
1 1/4 X 18	1.25"	18"	3"	1.25"	2.5"	20"	14.5"	23"	37.5"	14,600 lbs
1 3/8 X 12	1.38"	12"	3.5"	1.56"	2.75"	20"	8.24"	17.5"	25.74"	17,000 lbs
1 3/8 X 18	1.38"	18"	3.5"	1.56"	2.75"	20"	14.24"	23.5"	37.74"	17,000 lbs
1 3/8 X 24	1.38"	24"	3.5"	1.56"	2.75"	20"	20.24"	29.5"	49.74"	17,000 lbs
1 1/2 X 12	1.5"	12"	3.63"	1.5"	2.875"	20"	8"	17.75"	25.75"	21,400 lbs
1 1/2 X 18	1.5"	18"	3.63"	1.5"	2.875"	20"	14"	23.75"	37.75"	21,400 lbs
1 1/2 X 24	1.5"	24"	3.63"	1.5"	2.875"	20"	20"	29.75"	49.75"	21,400 lbs
1 3/4 X 18	1.75"	18"	4.5"	1.69"	2.75"	20"	13.5"	23.5"	37"	25,000 lbs
1 3/4 X 24	1.75"	24"	4.5"	1.69"	2.75"	20"	19.5"	29.5"	49"	25,000 lbs
1 3/4 X 30	1.75"	30"	4.5"	1.69"	2.75"	20"	25.5"	35.5"	61"	25,000 lbs
2 X 18	2"	18"	5"	2"	4.25"	26"	13"	26.5"	39.5"	37,000 lbs
2 X 24	2"	24"	5"	2"	4.25"	26"	19"	32.5"	51.5"	37,000 lbs
2 X 30	2"	30"	5"	2"	4.25"	26"	25"	38.5"	63.5"	37,000 lbs
2 1/2 X 18	2.5"	18"	6"	2.5"	4.5"	26"	12"	27"	39"	60,000 lbs
2 1/2 X 24	2.5"	24"	6"	2.5"	4.5"	26"	18"	33"	51"	60,000 lbs
2 1/2 X 30	2.5"	30"	6"	2.5"	4.5"	26"	24"	39"	63"	60,000 lbs
2 3/4 X 24	2.75"	24"	6.5"	2.75"	5"	26"	17.5"	34"	51.5"	76,000 lbs
2 3/4 X 30	2.75"	30"	6.5"	2.75"	5"	26"	23.5"	40"	63.5"	76,000 lbs.
3 X 18	3"	18"	6.5"	3"	5"	26"	11"	28"	39"	100,000 lbs
3 X 24	3"	24"	6.5"	3"	5"	26"	11"	34"	45"	100,000 lbs
4 X 24	4"	24"	9"	3.5"	6.875"	26"	12"	37.75"	49.75"	200,000 lbs
4 X 30	4"	30"	9"	3.5"	6.875"	26"	12"	43.75"	55.75"	200,000 lbs

* Safe Working Load, in tension, provides a safety factor of approximately five-to-one.



JAW + JAW TURNBUCKLES

Specifications

Model (Type J)	Screw Diameter	Barrel Length	Throat Opening	Hole Diameter	1st Thread to Center of Hole	Handle	Adjustment	Closed	Open	*Safe Working Load (Tension)
3/4 X 12	0.75"	12"	0.937"	0.687"	3.125"	11.5"	9.5"	18.25"	27.75"	4,600 lbs
1 X 12	1"	12"	1"	1"	4"	11.5"	9"	20"	29"	9,000 lbs
1 X 18	1"	18"	1"	1"	4"	11.5"	15"	26"	41"	9,000 lbs
1 1/4 X 12	1.25"	12"	1.75"	1.187"	5"	20"	8.5"	22"	30.5"	14,600 lbs
1 1/4 X 18	1.25"	18"	1.75"	1.187"	5"	20"	14.5"	28"	42.5"	14,600 lbs
1 3/8 X 12	1.38"	12"	1.125"	1.125"	6"	20"	8.24"	24"	32.24"	17,000 lbs
1 3/8 X 18	1.38"	18"	1.125"	1.125"	6"	20"	14.24"	30"	44.24"	17,000 lbs
1 3/8 X 24	1.38"	24"	1.125"	1.125"	6"	20"	20.24"	36"	56.24"	17,000 lbs
1 1/2 X 12	1.5"	12"	1.437"	1.437"	5.5"	20"	8"	23"	31"	21,400 lbs
1 1/2 X 18	1.5"	18"	1.437"	1.437"	5.5"	20"	14"	29"	43"	21,400 lbs
1 1/2 X 24	1.5"	24"	1.437"	1.437"	5.5"	20"	20"	35"	55"	21,400 lbs
1 3/4 X 18	1.75"	18"	2.375"	1.687"	6.125"	20"	13.5"	30.25"	43.75"	25,000 lbs
1 3/4 X 24	1.75"	24"	2.375"	1.687"	6.125"	20"	19.5"	36.25"	55.75"	25,000 lbs
1 3/4 X 30	1.75"	30"	2.375"	1.687"	6.125"	20"	25.5"	42.25"	67.75"	25,000 lbs
2 X 18	2"	18"	2.5"	2.062"	7"	26"	13"	32"	45"	37,000 lbs
2 X 24	2"	24"	2.5"	2.062"	7"	26"	19"	38"	57"	37,000 lbs
2 X 30	2"	30"	2.5"	2.062"	7"	26"	25"	44"	69"	37,000 lbs
2 1/2 X 18	2.5"	18"	2.875"	2.312"	9.5"	26"	12"	37"	49"	60,000 lbs
2 1/2 X 24	2.5"	24"	2.875"	2.312"	9.5"	26"	18"	43"	61"	60,000 lbs
2 1/2 X 30	2.5"	30"	2.875"	2.312"	9.5"	26"	24"	49"	73"	60,000 lbs
2 3/4 X 24	2.75"	24"	3.5"	2.812"	9.375"	26"	17.5"	42.75"	60.25"	76,000 lbs
2 3/4 X 30	2.75"	30"	3.5"	2.812"	9.375"	26"	23.5"	48.75"	72.25"	76,000 lbs
3 X 18	3"	18"	3.5"	3.062"	10"	26"	11"	38"	49"	100,000 lbs
3 X 24	3"	24"	3.5"	3.062"	10"	26"	11"	44"	55"	100,000 lbs
4 X 24	4"	24"	5.5"	4.062"	11"	26"	12"	46"	58"	200,000 lbs
4 X 30	4"	30"	5.5"	4.062"	11"	26"	12"	52"	64"	200,000 lbs

* Safe Working Load, in tension, provides a safety factor of approximately five-to-one.



EYE + JAW TURNBUCKLES

Specifications

Model (Type D.J)	Screw Diameter	Barrel Length	Throat Opening	Jaw Hole Diameter	Jaw 1st Thread to Center of Hole	Eye Head Diameter	Eye Max Hole Diameter	Eye 1st Thread to Center of Hole	Handle	Adj	Closed	Open	*Safe Working Load (Tension)
3/4 X 12	0.75"	12"	0.937"	0.687"	3.125"	1.88"	0.75"	2"	11.5"	9.5"	17.125"	26.625"	4,600 lbs
1 X 12	1"	12"	1"	1"	4"	2.38"	1"	2.25"	11.5"	9"	18.25"	27.25"	9,000 lbs
1 X 18	1"	18"	1"	1"	4"	2.38"	1"	2.25"	11.5"	15"	24.25"	39.25"	9,000 lbs
1 1/4 X 12	1.25"	12"	1.75"	1.187"	5"	3"	1.25"	2.5"	20"	8.5"	19.5"	28"	14,600 lbs
1 1/4 X 18	1.25"	18"	1.75"	1.187"	5"	3"	1.25"	2.5"	20"	14.5"	25.5"	40"	14,600 lbs
1 3/8 X 12	1.38"	12"	1.125"	1.125"	6"	3.5"	1.56"	2.75"	20"	8.24"	20.75"	28.99"	17,000 lbs
1 3/8 X 18	1.38"	18"	1.125"	1.125"	6"	3.5"	1.56"	2.75"	20"	14.24"	26.75"	40.99"	17,000 lbs
1 3/8 X 24	1.38"	24"	1.125"	1.125"	6"	3.5"	1.56"	2.75"	20"	20.24"	32.75"	52.99"	17,000 lbs
1 1/2 X 12	1.5"	12"	1.437"	1.437"	5.5"	3.63"	1.5"	2.875"	20"	8"	20.375"	28.375"	21,400 lbs
1 1/2 X 18	1.5"	18"	1.437"	1.437"	5.5"	3.63"	1.5"	2.875"	20"	14"	26.375"	40.375"	21,400 lbs
1 1/2 X 24	1.5"	24"	1.437"	1.437"	5.5"	3.63"	1.5"	2.875"	20"	20"	32.375"	52.375"	21,400 lbs
1 3/4 X 18	1.75"	18"	2.375"	1.687"	6.125"	4.5"	1.69"	2.75"	20"	13.5"	26.875"	40.375"	25,000 lbs
1 3/4 X 24	1.75"	24"	2.375"	1.687"	6.125"	4.5"	1.69"	2.75"	20"	19.5"	32.875"	52.375"	25,000 lbs
1 3/4 X 30	1.75"	30"	2.375"	1.687"	6.125"	4.5"	1.69"	2.75"	20"	25.5"	38.875"	64.375"	25,000 lbs
2 X 18	2"	18"	2.5"	2.062"	7"	5"	2"	4.25"	26"	13"	29.25"	42.25"	37,000 lbs
2 X 24	2"	24"	2.5"	2.062"	7"	5"	2"	4.25"	26"	19"	35.25"	54.25"	37,000 lbs
2 X 30	2"	30"	2.5"	2.062"	7"	5"	2"	4.25"	26"	25"	41.25"	66.25"	37,000 lbs
2 1/2 X 18	2.5"	18"	2.875"	2.312"	9.5"	6"	2.5"	4.5"	26"	12"	32"	44"	60,000 lbs
2 1/2 X 24	2.5"	24"	2.875"	2.312"	9.5"	6"	2.5"	4.5"	26"	18"	38"	56"	60,000 lbs
2 1/2 X 30	2.5"	30"	2.875"	2.312"	9.5"	6"	2.5"	4.5"	26"	24"	44"	68"	60,000 lbs
2 3/4 X 24	2.75"	24"	3.5"	2.812"	9.375"	6.5"	2.75"	5"	26"	17.5"	38.375"	55.875"	76,000 lbs
2 3/4 X 30	2.75"	30"	3.5"	2.812"	9.375"	6.5"	2.75"	5"	26"	23.5"	44.375"	67.875"	76,000 lbs
3 X 18	3"	18"	3.5"	3.062"	10"	6.5"	3"	5"	26"	11"	33"	44"	100,000 lbs
3 X 24	3"	24"	3.5"	3.062"	10"	6.5"	3"	5"	26"	11"	39"	50"	100,000 lbs
4 X 24	4"	24"	5.5"	4.062"	11"	9"	3.5"	6.875"	26"	12"	41.875"	53.875"	200,000 lbs
4 X 30	4"	30"	5.5"	4.062"	11"	9"	3.5"	6.875"	26"	12"	47.875"	59.875"	200,000 lbs

* Safe Working Load, in tension, provides a safety factor of approximately five-to-one.