ENERPAC

HYDRAMAX®
HM & GT-SERIES
TOPSIDE BOLT TENSIONERS

High Bolt Load Capacity, Superior Performance

ENERPAC
TOOLS. SERVICES. SOLUTIONS.

▼ HM10 Hydramax® Topside Tensioner

- Fifteen load cells from ¾" to 4" / M20 to M100
- Twin ports for quick connection of multiple tools
- High bolt-load capacity at maximum 21,750 psi (1500 bar)
- Long-stroke capability of 9/16 inch (15 mm) with over stroke elimination
- HM01 to HM05: mechanical over-stroke prevention, no spring return; HM06 to HM15: relief valve for over-stroke prevention, spring return
- Quick release bridge
- Stroke indicator
- Captive socket – eliminates falling object risk
- Interchangeable adapter kits available
- Anti-slip grip for more secure handling

◀ *Enerpac HM-Series HydraMax® tensioners have been designed to generate high-bolt loads associated with compact flanges, while providing versatility for maximum bolt coverage.*

High Bolt Load Capacities, Superior Performance

HydraMax® Topside Tensioners

The HM-Series tensioners have been designed to fit all standard flanges, including ANSI, API and compact flanges based on Norsok L005 and generates 30% more load capacity than traditional tensioners.

Tensioning Pumps, Hoses and Couplers

High-pressure pumps, hoses and fittings matched for use with the Enerpac Bolt Tensioners.

See enerpac.com

Ultra-high Pressure

This tool operates at ultra-high pressure, use only the specified fittings and hoses designed for these pressures.

How to Order HydraMax® Tensioners

To provide maximum flexibility Load Cells are ordered separately from Adaptor and Bridge Kits.

Example, to order a complete tensioner for a M24 x 3 threaded bolt order:

1 x Load Cell: **HM03-LC**

1 x Adaptor and Bridge Kit: **HM03BPM-NRS02430**

EMC Directive and Compliances

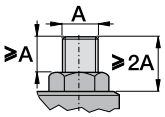
HM-Series HydraMax® Tensioners comply to following:

Machine Directive 2006/42/EC
ASME B30.1
EN-ISO 4413:2010
EN-ISO 12100:2010

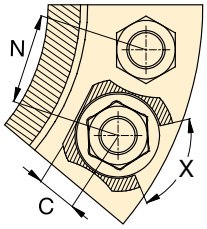
HM-Series, HydraMax® Topside Tensioners

Thread and Pitch Sizes

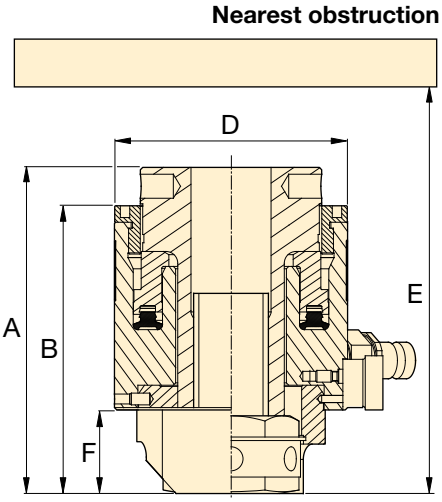
Contact Enerpac for different thread or pitch sizes. Alternative size adaptor kits can be supplied upon request.



Minimum Stud Protrusion



X = Minimum socket rotation 60°



HM Series

Bolt Range:
¾ - 1½" | M20 - M39

Maximum Load Capacity:
15.1 - 70.2 tons

Stroke:
.39 inch - .59 inch *

Maximum Operating Pressure:
21,750 psi

* Stroke HM01 models .39 inch
Strokes all other HM-models .59 inch

Load Cell Model Number	Thread Size	Adaptor and Bridge Kit Model Number	Cylinder Effective Area (in²)	Maximum Load Capacity (tons)	Dimensions (in) A	B	C	D	E min.	F	N min.	Load Cell Weight (lbs)	Adaptor and Bridge Kit Weight (lbs)
HM01-LC	M20 x 2,5	HM01BPM-NRS02025	1.39	15.1	4.4	3.8	0.6	2.7	7.8	1.1	2.0	3.5	1.3
	¾"- 10UN	HM01BP-NRS0750U10	1.39	15.1	4.4	3.8	0.6	2.7	7.8	1.1	2.0	3.5	1.3
HM02-LC	M20 x 2,5	HM02BPM-NRS02025	1.92	20.9	4.7	4.1	0.6	2.9	8.2	1.1	2.1	4.0	2.0
	M22 x 2,5	HM02BPM-NRS02225	1.92	20.9	4.7	4.1	0.6	2.9	8.2	1.1	2.1	4.0	2.0
	¾"- 10UN	HM02BP-NRS0750U10	1.92	20.9	4.7	4.1	0.6	2.9	8.2	1.1	2.0	4.0	2.0
	⅞"-9UN	HM02BP-NRS0875U09	1.92	20.9	4.7	4.1	0.7	2.9	8.2	1.1	2.2	4.0	1.8
HM03-LC	M20 x 2,5	HM03BPM-NRS02025	2.52	27.4	4.7	4.1	0.6	3.2	8.3	1.1	2.2	4.9	2.4
	M22 x 2,5	HM03BPM-NRS02225	2.52	27.4	4.7	4.1	0.6	3.2	8.3	1.1	2.3	4.9	2.4
	M24 x 3	HM03BPM-NRS02430	2.52	27.4	4.7	4.1	0.8	3.2	8.3	1.1	2.3	4.9	2.4
	¾"- 10UN	HM03BP-NRS0750U10	2.52	27.4	4.7	4.1	0.6	3.2	8.3	1.1	2.2	4.9	2.4
	⅞"- 9UN	HM03BP-NRS0875U09	2.52	27.4	4.7	4.1	0.7	3.2	8.3	1.1	2.3	4.9	2.4
	1"- 8UN	HM03BP-NRS1000U08	2.52	27.4	4.9	4.3	0.8	3.2	8.5	1.3	2.4	4.9	2.4
HM04-LC	M22 x 2,5	HM04BPM-NRS02225	3.35	36.4	5.0	4.4	0.7	3.5	9.1	1.1	2.4	6.0	3.5
	M24 x 3	HM04BPM-NRS02430	3.35	36.4	5.1	4.4	0.8	3.5	9.1	1.1	2.5	6.0	3.5
	M27 x 3	HM04BPM-NRS02730	3.35	36.4	5.3	4.6	0.8	3.5	9.3	1.3	2.5	6.0	3.7
	M30 x 3,5	HM04BPM-NRS03035	3.35	36.4	5.4	4.7	0.9	3.5	9.4	1.4	2.6	6.0	3.7
	⅞"- 9UN	HM04BP-NRS0875U09	3.35	36.4	5.1	4.4	0.7	3.5	9.1	1.1	2.4	6.0	3.5
	1"- 8UN	HM04BP-NRS1000U08	3.35	36.4	5.3	4.6	0.8	3.5	9.3	1.3	2.5	6.0	3.7
	1⅛"- 8UN	HM04BP-NRS1125U08	3.35	36.4	5.4	4.7	0.9	3.5	9.4	1.4	2.6	6.0	3.7
HM05-LC	M24 x 3	HM05BPM-NRS02430	4.27	46.4	5.1	4.5	0.7	3.9	9.2	1.1	2.7	7.3	4.2
	M27 x 3	HM05BPM-NRS02730	4.27	46.4	5.3	4.7	0.8	3.9	9.4	1.3	2.7	7.3	4.4
	M30 x 3,5	HM05BPM-NRS03035	4.27	46.4	5.5	4.8	0.9	3.9	9.5	1.4	2.8	7.3	4.4
	M33 x 3,5	HM05BPM-NRS03335	4.27	46.4	5.6	4.9	1.1	3.9	9.6	1.5	2.8	7.3	4.6
	1"-8UN	HM05BP-NRS1000U08	4.27	46.4	5.3	4.7	0.8	3.9	9.4	1.3	2.7	7.3	4.6
	1⅛"-8UN	HM05BP-NRS1125U08	4.27	46.4	5.5	4.8	0.9	3.9	9.5	1.4	2.7	7.3	4.6
	1¼"-8UN	HM05BP-NRS1250U08	4.27	46.4	5.6	4.9	1.1	3.9	9.6	1.5	2.8	7.3	4.6
HM06-LC	M30 x 3,5	HM06BPM-NRS03035	6.45	70.2	5.6	5.0	0.9	4.6	9.7	1.4	3.1	9.9	6.2
	M33 x 3,5	HM06BPM-NRS03335	6.45	70.2	5.7	5.1	1.1	4.6	9.8	1.5	3.2	9.9	6.4
	M36 x 4	HM06BPM-NRS03640	6.45	70.2	5.9	5.2	1.3	4.6	9.9	1.6	3.3	9.9	6.6
	M39 x 4	HM06BPM-NRS03940	6.45	70.2	6.0	5.3	1.3	4.6	10.0	1.8	3.3	9.9	6.8
	1⅛"- 8UN	HM06BP-NRS1125U08	6.45	70.2	5.6	5.0	0.9	4.6	9.7	1.4	3.1	9.9	6.2
	1¼"- 8UN	HM06BP-NRS1250U08	6.45	70.2	5.7	5.1	1.1	4.6	9.8	1.5	3.2	9.9	6.4
	1⅜"- 8UN	HM06BP-NRS1375U08	6.45	70.2	5.9	5.2	1.3	4.6	9.9	1.6	3.2	9.9	6.6
	1½"- 8UN	HM06BP-NRS1500U08	6.45	70.2	6.0	5.3	1.3	4.6	10.0	1.8	3.3	9.9	6.8

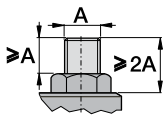
HM Series

Bolt Range:
1¼ - 2" | M33 - M52

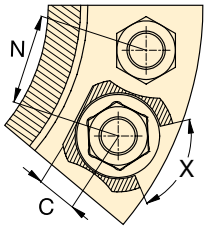
Maximum Load Capacity:
83.9 - 131.9 tons

Stroke:
.59 inch

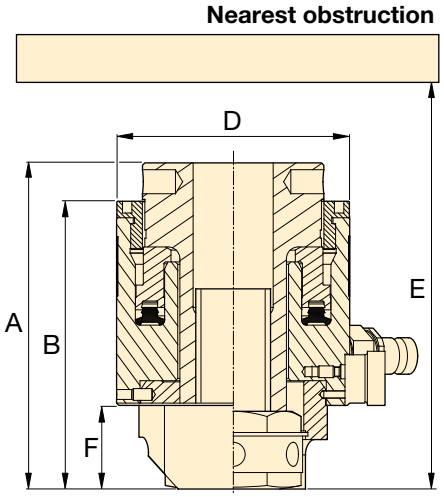
Maximum Operating Pressure:
21,750 psi



Minimum Stud Protrusion

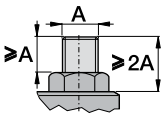


X = Minimum socket rotation 60°

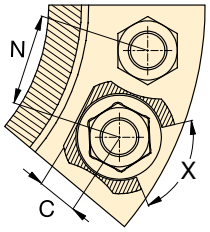


Load Cell Model Number	Thread Size	Adaptor and Bridge Kit Model Number	Cylinder Effective Area (in²)	Maximum Load Capacity (tons)	Dimensions (in) A	B	C	D	E min.	F	N min.	Load Cell Weight (lbs)	Adaptor and Bridge Kit Weight (lbs)
HM07-LC	M33 x 3,5	HM07BPM-NRS03335	7.72	83.9	5.7	5.0	1.1	5.0	9.7	1.5	3.4	11.5	7.5
	M36 x 4	HM07BPM-NRS03640	7.72	83.9	5.8	5.2	1.3	5.0	9.8	1.6	3.4	11.5	7.7
	M39 x 4	HM07BPM-NRS03940	7.72	83.9	5.9	5.3	1.3	5.0	9.9	1.8	3.5	11.5	7.9
	M42 x 4,5	HM07BPM-NRS04245	7.72	83.9	6.1	5.4	1.3	5.0	10.0	1.9	3.6	11.5	8.2
	1¼"- 8UN	HM07BP-NRS1250U08	7.72	83.9	5.7	5.0	1.1	5.0	9.7	1.5	3.4	11.5	7.5
	1⅜"- 8UN	HM07BP-NRS1375U08	7.72	83.9	5.8	5.2	1.3	5.0	9.8	1.6	3.4	11.5	7.7
	1½"- 8UN	HM07BP-NRS1500U08	7.72	83.9	5.9	5.3	1.3	5.0	9.9	1.8	3.5	11.5	7.9
	1⅝"- 8UN	HM07BP-NRS1625U08	7.72	83.9	6.1	5.4	1.3	5.0	10.0	1.9	3.5	11.5	8.2
HM08-LC	M36 x 4	HM08BPM-NRS03640	9.10	98.9	5.9	5.2	1.3	5.4	9.9	1.6	3.6	13.9	8.6
	M39 x 4	HM08BPM-NRS03940	9.10	98.9	6.0	5.3	1.3	5.4	10.0	1.8	3.7	13.9	8.8
	M42 x 4,5	HM08BPM-NRS04245	9.10	98.9	6.1	5.5	1.3	5.4	10.1	1.9	3.8	13.9	9.0
	M45 x 4,5	HM08BPM-NRS04545	9.10	98.9	6.2	5.6	1.5	5.4	10.3	2.0	3.8	13.9	9.7
	1⅜"- 8UN	HM08BP-NRS1375U08	9.10	98.9	5.9	5.2	1.3	5.4	9.9	1.6	3.6	13.9	8.6
	1½"- 8UN	HM08BP-NRS1500U08	9.10	98.9	6.0	5.3	1.3	5.4	10.0	1.8	3.7	13.9	8.8
	1⅝"- 8UN	HM08BP-NRS1625U08	9.10	98.9	6.1	5.5	1.3	5.4	10.1	1.9	3.7	13.9	9.0
	1¾"- 8UN	HM08BP-NRS1750U08	9.10	98.9	6.2	5.6	1.5	5.4	10.3	2.0	3.8	13.9	9.7
HM09-LC	M39 x 4	HM09BPM-NRS03940	10.59	115.2	6.0	5.4	1.3	5.7	10.0	1.8	3.9	14.3	11.0
	M42 x 4,5	HM09BPM-NRS04245	10.59	115.2	6.1	5.5	1.3	5.7	10.1	1.9	3.9	14.3	13.4
	M45 x 4,5	HM09BPM-NRS04545	10.59	115.2	6.2	5.6	1.5	5.7	10.3	2.0	4.0	14.3	11.2
	M48 x 5	HM09BPM-NRS04850	10.59	115.2	6.4	5.7	1.6	5.7	10.4	2.1	4.0	14.3	12.1
	1½"- 8UN	HM09BP-NRS1500U08	10.59	115.2	6.0	5.4	1.3	5.7	10.0	1.8	3.8	14.3	11.2
	1⅝"- 8UN	HM09BP-NRS1625U08	10.59	115.2	6.1	5.5	1.3	5.7	10.2	1.9	3.9	14.3	11.2
	1¾"- 8UN	HM09BP-NRS1750U08	10.59	115.2	6.2	5.5	1.5	5.7	10.1	2.0	4.0	14.3	13.2
	1⅞"- 8UN	HM09BP-NRS1875U08	10.59	115.2	6.4	5.7	1.6	5.7	10.4	2.1	4.0	14.3	11.9
HM10-LC	M42 x 4,5	HM10BPM-NRS04245	12.20	132.6	6.3	5.6	1.3	6.1	10.5	1.9	4.1	18.3	12.6
	M45 x 4,5	HM10BPM-NRS04545	12.20	131.9	6.4	5.7	1.5	6.1	10.6	2.0	4.2	18.3	12.6
	M48 x 5	HM10BPM-NRS04850	12.20	131.9	6.5	5.8	1.6	6.1	10.7	2.1	4.3	18.3	13.4
	M52 x 5	HM10BPM-NRS05250	12.20	131.9	6.7	6.0	1.7	6.1	10.8	2.3	4.3	18.3	13.9
	1⅝"- 8UN	HM10BP-NRS1625U08	12.20	131.9	6.3	5.6	1.3	6.1	10.5	1.9	4.1	18.3	12.6
	1¾"- 8UN	HM10BP-NRS1750U08	12.20	131.9	6.4	5.7	1.5	6.1	10.6	2.0	4.2	18.3	12.3
	1⅞"- 8UN	HM10BP-NRS1875U08	12.20	131.9	6.5	5.9	1.6	6.1	10.7	2.1	4.2	18.3	13.2
	2"- 8UN	HM10BP-NRS2000U08	12.20	131.9	6.7	6.0	1.7	6.1	10.8	2.3	4.3	18.3	13.9

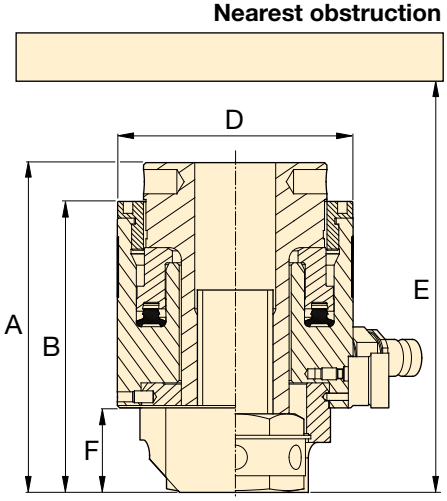
HM-Series, HydraMax® Topside Tensioners



Minimum Stud Protrusion



X = Minimum socket rotation 60°



HM Series

Bolt Range:
1¾ - 4" I M45 - M100

Maximum Load Capacity:
171 - 522 tons

Stroke:
.59 inch

Load Cell Model Number	Thread Size *	Adaptor and Bridge Kit Model Number	Cylinder Effective Area (in²)	Maximum Load Capacity (tons)	Dimensions (in) A	B	C	D	E min.	F	N min.	Load Cell Weight (lbs)	Adaptor and Bridge Kit Weight (lbs)
HM11-LC	M45 x 4,5	HM11BPM-NRS04545	15.74	171.1	6.6	5.7	1.5	6.9	10.8	2.0	4.6	23.1	16.3
	M48 x 5	HM11BPM-NRS04850	15.74	171.1	6.7	5.8	1.6	6.9	10.9	2.1	4.6	23.1	17.4
	M52 x 5	HM11BPM-NRS05250	15.74	171.1	6.8	6.0	1.7	6.9	11.0	2.3	4.7	23.1	17.9
	M56 x 5,5	HM11BPM-NRS05655	15.74	171.1	7.2	6.3	2.0	6.9	11.4	2.6	4.8	23.1	20.1
	M60 x 5,5	HM11BPM-NRS06055	15.74	171.1	7.2	6.3	2.0	6.9	11.4	2.6	4.9	23.1	19.2
	1¾"- 8UN	HM11BP-NRS1750U08	15.74	171.1	6.6	5.7	1.5	6.9	10.8	2.0	4.6	23.1	16.5
	1⅞"- 8UN	HM11BP-NRS1875U08	15.74	171.1	6.7	5.8	1.6	6.9	10.9	2.1	4.6	23.1	17.4
	2"- 8UN	HM11BP-NRS2000U08	15.74	171.1	6.8	6.0	1.7	6.9	11.0	2.3	4.7	23.1	17.9
	2¼"- 8UN	HM11BP-NRS2250U08	15.74	171.1	7.2	6.3	2.0	6.9	11.4	2.6	4.8	23.1	19.4
HM12-LC	M48 x 5	HM12BPM-NRS04850	19.72	214.4	6.7	5.8	1.6	7.6	11.0	2.1	5.0	29.3	21.4
	M52 x 5	HM12BPM-NRS05250	19.72	214.4	6.8	6.0	1.7	7.6	11.2	2.3	5.1	29.3	21.6
	M56 x 5,5	HM12BPM-NRS05655	19.72	214.4	7.2	6.3	2.0	7.6	11.5	2.6	5.2	29.3	23.6
	M60 x 5,5	HM12BPM-NRS06055	19.72	214.4	7.2	6.3	2.0	7.6	11.5	2.7	5.2	29.3	22.9
	M64 x 6	HM12BPM-NRS06460	19.72	214.4	7.3	6.5	2.2	7.6	11.7	2.7	5.3	29.3	24.5
	1⅞"- 8UN	HM12BP-NRS1875U08	19.72	214.4	6.7	5.8	1.6	7.6	11.0	2.1	5.0	29.3	21.2
	2"- 8UN	HM12BP-NRS2000U08	19.72	214.4	6.8	6.0	1.7	7.6	11.2	2.3	5.1	29.3	21.6
	2¼"- 8UN	HM12BP-NRS2250U08	19.72	214.4	7.2	6.3	2.0	7.6	11.5	2.6	5.2	29.3	22.9
	2½"- 8UN	HM12BP-NRS2500U08	19.72	214.4	7.3	6.5	2.2	7.6	11.7	2.7	5.3	29.3	23.8
HM13-LC	M64 x 6	HM13BPM-NRS06460	26.29	285.9	7.7	6.8	2.2	8.6	12.2	2.7	5.8	38.8	32.0
	M68 x 6	HM13BPM-NRS06860	26.29	285.9	7.7	6.8	2.2	8.6	12.2	2.7	5.9	38.8	36.4
	M72 x 6	HM13BPM-NRS07260	26.29	285.9	8.0	7.1	2.5	8.6	12.5	3.1	6.0	38.8	35.3
	M76 x 6	HM13BPM-NRS07660	26.29	285.9	8.1	7.3	2.7	8.6	12.7	3.2	6.0	38.8	35.9
	2½"- 8UN	HM13BP-NRS2500U08	26.29	285.9	7.7	6.8	2.2	8.6	12.2	2.7	5.8	38.8	31.3
	2¾"- 8UN	HM13BP-NRS2750U08	26.29	285.9	8.0	7.1	2.5	8.6	12.5	3.1	5.9	38.8	34.8
	3"- 8UN	HM13BP-NRS3000U08	26.29	285.9	8.1	7.3	2.7	8.6	12.7	3.2	6.3	38.8	34.8
HM14-LC	M72 x 6	HM14BPM-NRS07260	36.35	395.3	8.0	7.1	2.5	10.2	12.6	3.1	6.8	56.9	45.9
	M76 x 6	HM14BPM-NRS07660	36.35	395.3	8.1	7.3	2.7	10.2	12.7	3.2	6.8	56.9	47.0
	M80 x 6	HM14BPM-NRS08060	36.35	395.3	8.1	7.3	2.7	10.2	12.7	3.2	6.9	56.9	46.7
	M85 x 6	HM14BPM-NRS08560	36.35	395.3	8.5	6.5	2.7	10.2	11.9	3.6	7.0	56.9	50.5
	M90 x 6	HM14BPM-NRS09060	36.35	395.3	8.7	7.8	3.1	10.2	13.3	3.8	7.1	56.9	51.4
	3"- 8UN	HM14BP-NRS3000U08	36.35	395.3	8.1	7.3	2.7	10.2	12.7	3.2	6.8	56.9	45.0
	3¼"- 8UN	HM14BP-NRS3250U08	36.35	395.3	8.5	6.5	2.7	10.2	11.9	3.6	7.0	56.9	50.0
	3½"- 8UN	HM14BP-NRS3500U08	36.35	395.3	8.7	7.8	3.1	10.2	13.3	3.8	7.2	56.9	52.7
HM15-LC	M90 x 6	HM15BPM-NRS09060	48.06	522.7	8.7	7.8	3.1	11.7	13.3	3.8	7.8	71.6	66.1
	M95 x 6	HM15BPM-NRS09560	48.06	522.7	8.9	8.1	3.2	11.7	13.5	4.0	7.9	71.6	74.3
	M100 x 6	HM15BPM-NRS10060	48.06	522.7	9.1	8.3	3.5	11.7	13.7	4.2	8.0	71.6	77.4
	3½"- 8UN	HM15BP-NRS3500U08	48.06	522.7	8.7	7.8	3.1	11.7	13.3	3.8	7.8	71.6	65.0
	3¾"- 8UN	HM15BP-NRS3750U08	48.06	522.7	8.9	8.1	3.2	11.7	13.5	4.0	7.9	71.6	72.3
	4"- 8UN	HM15BP-NRS4000U08	48.06	522.7	9.1	8.3	3.5	11.7	13.7	4.2	8.3	71.6	75.0

Alternative size adaptor kits can be supplied upon request.

▼ Shown: **GT-Series Topside Bolt Tensioners**

Accurate & Reliable Extreme Performance Bolt Tensioner

- **Seven load cells from ⅝" to 4" or from M16 to M105**
- **Twin ports for quick connection of multiple tools**
- **Only one size of bridge per size of load cell**
- **Detachable and rotational bridge simplifies tool positioning**
- **Full bridge window – increased access to socket**
- **Captive socket – eliminates falling object risk**
- **Piston stroke indicator**
- **Black surface treatment protects against corrosion**
- **Anti-slip grip for more secure handling**
- **Universal and multi-use tool**

Tensioning Pumps, Hoses and Couplers

High-pressure pumps, hoses and fittings matched for use with the Enerpac Bolt Tensioners.

EMC Directive and Compliances

GT-Series Tensioners comply to following:

Machine Directive 2006/42/EC
ASME B30.1
EN-ISO 4413:2010
EN-ISO 12100:2010

How to Order

To provide maximum flexibility Load Cell and Bridges are ordered separately from Adaptor Kits.

Example, to order a complete tensioner for a M36 x 4 threaded bolt order:
1 x Load Cell and Bridge: **GT2-LCB**
1 x Adaptor Kit: **GT2PM-NRS03640**

Load Cell and Bridge Model Number	Thread Size	Adaptor Kit Model Number	Cylinder Effective Area (in^2)	Maximum Load Capacity (ton)	Dimensions (in) A	B	C	D	E min.	F	N min.	Load Cell and Bridge Weight (lbs)	Adaptor Kit Weight (lbs)
GT1-LCB	M16 x 2	GT1PM-NRS01620	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.2	6.6	3.5
	M18 x 2,5	GT1PM-NRS01825	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.3	6.6	3.3
	M20 x 2,5	GT1PM-NRS02025	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.3	6.6	3.1
	M24 x 3	GT1PM-NRS02430	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.4	6.6	2.9
	M27 x 3	GT1PM-NRS02730	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.5	6.6	2.6
	M30 x 3,5	GT1PM-NRS03035	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.6	6.6	2.2
	⅝"- 11UN	GT1P-NRS0625U11	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.2	6.6	3.5
	¾"- 10UN	GT1P-NRS0750U10	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.3	6.6	3.1
	⅞"- 9UN	GT1P-NRS0875U09	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.4	6.6	2.9
	1"- 8UN	GT1P-NRS1000U08	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.5	6.6	2.6
	1⅛"- 8UN	GT1P-NRS1125U08	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.6	6.6	2.2
GT2-LCB	M30 x 3,5	GT2PM-NRS03035	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	2.9	9.0	5.7
	M33 x 3,5	GT2PM-NRS03335	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.0	9.0	5.3
	M36 x 4	GT2PM-NRS03640	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.1	9.0	4.9
	M39 x 4	GT2PM-NRS03940	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.2	9.0	4.2
	1⅛"- 8UN	GT2P-NRS1125U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	2.9	9.0	5.7
	1¼"- 8UN	GT2P-NRS1250U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.0	9.0	5.3
	1⅜"- 8UN	GT2P-NRS1375U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.1	9.0	4.9
	1½"- 8UN	GT2P-NRS1500U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.2	9.0	4.4

Thread and Pitch Sizes

Alternative size adaptor kits can be supplied upon request.

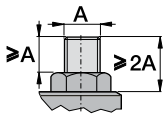
GT Series

Bolt Range:
⅝" - 4" | M16 - M105

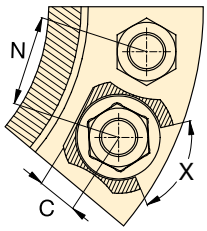
Maximum Load Capacity at 1500 bar:
86.4 - 444.9 tons

Stroke:
.39 inch

Maximum Operating Pressure:
21,750 psi

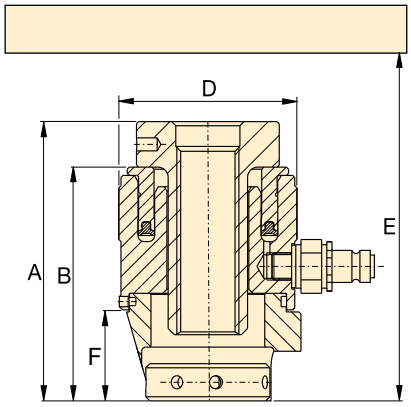


Minimum Stud Protrusion



X = Minimum socket rotation 60°

Nearest obstruction



Load Cell and Bridge Model Number	Thread Size	Adaptor Kit Model Number	Cylinder Effective Area (in²)	Maximum Load Capacity (ton)	Dimensions (in) A	B	C	D	E min.	F	N min.	Load Cell and Bridge Weight (lbs)	Adaptor Kit Weight (lbs)
GT3-LCB	M39 x 4	**GT3PM-NRS03940**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.8	7,0	12.6
	M42 x 4,5	**GT3PM-NRS04245**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.9	7,0	11.9
	M45 x 4,5	**GT3PM-NRS04545**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.0	7,0	11.0
	M48 x 5	**GT3PM-NRS04850**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.1	7,0	10.4
	M52 x 5	**GT3PM-NRS05250**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.2	7,0	9.3
	1½"- 8UN	**GT3P-NRS1500U08**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.7	7,0	12.6
	1⅝"- 8UN	**GT3P-NRS1625U08**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.9	7,0	11.7
	1¾"- 8UN	**GT3P-NRS1750U08**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.0	7,0	11.0
	1⅞"- 8UN	**GT3P-NRS1875U08**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.1	7,0	10.1
	2"- 8UN	**GT3P-NRS2000U08**	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.2	7,0	9.3
GT4-LCB	M52 x 5	**GT4PM-NRS05250**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	4.8	12,2	23.6
	M56 x 5,5	**GT4PM-NRS05655**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	4.9	12,2	22.3
	M60 x 5,5	**GT4PM-NRS06055**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.0	12,2	20.7
	M64 x 6	**GT4PM-NRS06460**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.1	12,2	19.4
	M68 x 6	**GT4PM-NRS06860**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.2	12,2	17.9
	2"- 8UN	**GT4P-NRS2000U08**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	4.7	12,2	23.6
	2¼"- 8UN	**GT4P-NRS2250U08**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.0	12,2	21.4
	2½"- 8UN	**GT4P-NRS2500U08**	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.2	12,2	18.7
GT5-LCB	M68 x 6	**GT5PM-NRS06860**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	5.8	18,7	38.1
	M72 x 6	**GT5PM-NRS07260**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	5.9	18,7	36.2
	M76 x 6	**GT5PM-NRS07660**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.0	18,7	34.2
	M80 x 6	**GT5PM-NRS08060**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.1	18,7	32.2
	2½"- 8UN	**GT5P-NRS2500U08**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	5.8	18,7	39.2
	2¾"- 8UN	**GT5P-NRS2750U08**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.0	18,7	35.9
	3"- 8UN	**GT5P-NRS3000U08**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.2	18,7	32.6
	3¼"- 8UN	**GT5P-NRS3250U08**	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.3	18,7	28.9
GT6-LCB	M80 x 6	**GT6PM-NRS08060**	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.6	27,8	49.2
	M85 x 6	**GT6PM-NRS08560**	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.7	27,8	46.3
	M90 x 6	**GT6PM-NRS09060**	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.9	27,8	42.8
	M95 x 6	**GT6PM-NRS09560**	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	7.0	27,8	39.7
	3¼"- 8UN	**GT6P-NRS3250U08**	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.8	27,8	45.6
	3½"- 8UN	**GT6P-NRS3500U08**	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	7.1	27,8	41.4
	3¾"- 8UN	**GT6P-NRS3750U08**	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	7.4	27,8	37.0
GT7-LCB	M100 x 6	**GT7PM-MNRS10060**	40.90	444.9	9.6	7.2	3.5	10.9	13.1	4.3	7.7	38,2	62.8
	M105 x 6	**GT7PM-MNRS10560**	40.90	444.9	9.6	7.2	3.5	10.9	13.1	4.3	7.8	38,2	60.2
	4"- 8UN	**GT7P-NRS4000U08**	40.90	444.9	9.6	7.2	3.5	10.9	13.1	4.3	8.0	38,2	60.2

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