

Hydraulikk as



Torque and tension specialist

ENERPAC 

HYDRAMAX[®] AND GT-SERIES TOPSIDE BOLT TENSIONERS

HIGH BOLT LOAD CAPACITIES, SUPERIOR PERFORMANCE



ENERPAC 
TOOLS. SERVICES. SOLUTIONS.

GT-Series, Topside Bolt Tensioners

▼ Shown: GT-Series Topside Bolt Tensioners



- Seven load cells from M16 to M105 or from 5/8" to 4"
- 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.

Accurate & Reliable Extreme Performance Bolt Tensioner



Tensioning Pumps, Hoses and Couplers

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



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**

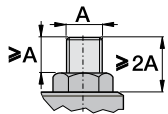
Load Cell and Bridge Model Number	Thread Size	Adaptor Kit Model Number	Cylinder Effective Area (mm ²)	Maximum Load Capacity (kN)	Dimensions (mm)							Load Cell and Bridge Weight (kg)	Adaptor Kit Weight (kg)
					A	B	C	D	E min.	F	N min.		
GT1-LCB	M16 x 2	GT1PM-NRS01620	1495,4	224,3	135	113	27	86	243	44	57	3,0	1,6
	M18 x 2,5	GT1PM-NRS01825	1495,4	224,3	135	113	27	86	243	44	58	3,0	1,5
	M20 x 2,5	GT1PM-NRS02025	1495,4	224,3	135	113	27	86	243	44	59	3,0	1,4
	M24 x 3	GT1PM-NRS02430	1495,4	224,3	135	113	27	86	243	44	61	3,0	1,3
	M27 x 3	GT1PM-NRS02730	1495,4	224,3	135	113	27	86	243	44	64	3,0	1,2
	M30 x 3,5	GT1PM-NRS03035	1495,4	224,3	135	113	27	86	243	44	66	3,0	1,0
	5/8" - 11UN	GT1P-NRS0625U11	1495,4	224,3	135	113	27	86	243	44	57	3,0	1,6
	3/4" - 10UN	GT1P-NRS0750U10	1495,4	224,3	135	113	27	86	243	44	59	3,0	1,4
	7/8" - 9UN	GT1P-NRS0875U09	1495,4	224,3	135	113	27	86	243	44	62	3,0	1,3
1" - 8UN	GT1P-NRS1000U08	1495,4	224,3	135	113	27	86	243	44	64	3,0	1,2	
1 1/8" - 8UN	GT1P-NRS1125U08	1495,4	224,3	135	113	27	86	243	44	66	3,0	1,0	
GT2-LCB	M30 x 3,5	GT2PM-NRS03035	2677,2	401,5	136	111	35	107	226	41	75	4,1	2,6
	M33 x 3,5	GT2PM-NRS03335	2677,2	401,5	136	111	35	107	226	41	76	4,1	2,4
	M36 x 4	GT2PM-NRS03640	2677,2	401,5	136	111	35	107	226	41	79	4,1	2,2
	M39 x 4	GT2PM-NRS03940	2677,2	401,5	136	111	35	107	226	41	82	4,1	1,9
	1 1/8" - 8UN	GT2P-NRS1125U08	2677,2	401,5	136	111	35	107	226	41	74	4,1	2,6
	1 1/4" - 8UN	GT2P-NRS1250U08	2677,2	401,5	136	111	35	107	226	41	76	4,1	2,4
	1 3/8" - 8UN	GT2P-NRS1375U08	2677,2	401,5	136	111	35	107	226	41	79	4,1	2,2
	1 1/2" - 8UN	GT2P-NRS1500U08	2677,2	401,5	136	111	35	107	226	41	82	4,1	2,0

Topside Bolt Tensioners

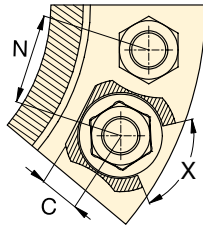


Thread and Pitch Sizes

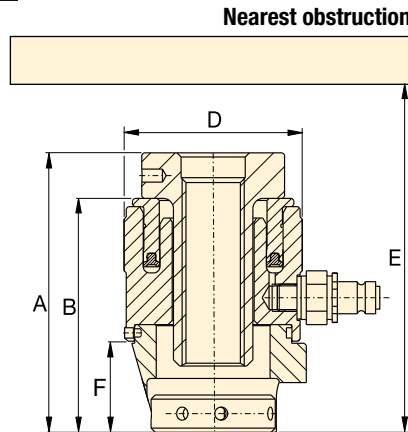
Contact Enerpac for different thread or pitch sizes. Alternative size adaptor kits can be supplied upon request.



Minimum Stud Protrusion



X = Minimum socket rotation 60°



GT Series



Bolt Range:

M16 - M105, 5/8" - 4"

Maximum Load Capacity at 1500 bar:

224 - 3958 kN

Stroke:

10 mm

Maximum Operating Pressure:

1500 bar

Load Cell and Bridge Model Number	Thread Size	Adaptor Kit Model Number	Cylinder Effective Area (mm ²)	Maximum Load Capacity (kN)	Dimensions (mm)							Load Cell and Bridge Weight (kg)	Adaptor Kit Weight (kg)
					A	B	C	D	E min.	F	N min.		
GT3-LCB	M39 x 4	GT3PM-NRS03940	5127,1	768,9	160	126	46	138	256	56	96	7,0	5,7
	M42 x 4,5	GT3PM-NRS04245	5127,1	768,9	160	126	46	138	256	56	98	7,0	5,4
	M45 x 4,5	GT3PM-NRS04545	5127,1	768,9	160	126	46	138	256	56	101	7,0	5,0
	M48 x 5	GT3PM-NRS04850	5127,1	768,9	160	126	46	138	256	56	104	7,0	4,7
	M52 x 5	GT3PM-NRS05250	5127,1	768,9	160	126	46	138	256	56	107	7,0	4,2
	1 1/2" - 8UN	GT3P-NRS1500U08	5127,1	768,9	160	126	46	138	256	56	95	7,0	5,7
	1 5/8" - 8UN	GT3P-NRS1625U08	5127,1	768,9	160	126	46	138	256	56	98	7,0	5,3
	1 3/4" - 8UN	GT3P-NRS1750U08	5127,1	768,9	160	126	46	138	256	56	101	7,0	5,0
GT4-LCB	1 7/8" - 8UN	GT3P-NRS1875U08	5127,1	768,9	160	126	46	138	256	56	104	7,0	4,6
	2" - 8UN	GT3P-NRS2000U08	5127,1	768,9	160	126	46	138	256	56	106	7,0	4,2
	M52 x 5	GT4PM-NRS05250	9782,1	1466,9	180	141	62	174	281	71	121	12,2	10,7
	M56 x 5,5	GT4PM-NRS05655	9782,1	1466,9	180	141	62	174	281	71	124	12,2	10,1
	M60 x 5,5	GT4PM-NRS06055	9782,1	1466,9	180	141	62	174	281	71	127	12,2	9,4
	M64 x 6	GT4PM-NRS06460	9782,1	1466,9	180	141	62	174	281	71	129	12,2	8,8
	M68 x 6	GT4PM-NRS06860	9782,1	1466,9	180	141	62	174	281	71	132	12,2	8,1
	2" - 8UN	GT4P-NRS2000U08	9782,1	1466,9	180	141	62	174	281	71	120	12,2	10,7
GT5-LCB	2 1/4" - 8UN	GT4P-NRS2250U08	9782,1	1466,9	180	141	62	174	281	71	126	12,2	9,7
	2 1/2" - 8UN	GT4P-NRS2500U08	9782,1	1466,9	180	141	62	174	281	71	132	12,2	8,5
	M68 x 6	GT5PM-NRS06860	15079,7	2261,4	202	157	78	210	302	86	148	18,7	17,3
	M72 x 6	GT5PM-NRS07260	15079,7	2261,4	202	157	78	210	302	86	149	18,7	16,4
	M76 x 6	GT5PM-NRS07660	15079,7	2261,4	202	157	78	210	302	86	152	18,7	15,5
	M80 x 6	GT5PM-NRS08060	15079,7	2261,4	202	157	78	210	302	86	155	18,7	14,6
	2 1/2" - 8UN	GT5P-NRS2500U08	15079,7	2261,4	202	157	78	210	302	86	148	18,7	17,8
	2 3/4" - 8UN	GT5P-NRS2750U08	15079,7	2261,4	202	157	78	210	302	86	153	18,7	16,3
GT6-LCB	3" - 8UN	GT5P-NRS3000U08	15079,7	2261,4	202	157	78	210	302	86	158	18,7	14,8
	3 1/4" - 8UN	GT5P-NRS3250U08	15079,7	2261,4	202	157	78	210	302	86	161	18,7	13,1
	M80 x 6	GT6PM-NRS08060	18972,1	2845,1	219	173	82	240	323	95	167	27,8	22,3
	M85 x 6	GT6PM-NRS08560	18972,1	2845,1	219	173	82	240	323	95	170	27,8	21,0
	M90 x 6	GT6PM-NRS09060	18972,1	2845,1	219	173	82	240	323	95	175	27,8	19,4
	M95 x 6	GT6PM-NRS09560	18972,1	2845,1	219	173	82	240	323	95	179	27,8	18,0
	3 1/4" - 8UN	GT6P-NRS3250U08	18972,1	2845,1	219	173	82	240	323	95	173	27,8	20,7
GT7-LCB	3 1/2" - 8UN	GT6P-NRS3500U08	18972,1	2845,1	219	173	82	240	323	95	181	27,8	18,8
	3 3/4" - 8UN	GT6P-NRS3750U08	18972,1	2845,1	219	173	82	240	323	95	188	27,8	16,8
	M100 x 6	GT7PM-NRS10060	26389,4	3958,4	243	182	89	277	332	110	196	38,2	28,5
GT7-LCB	M105 x 6	GT7PM-NRS10560	26389,4	3958,4	243	182	89	277	332	110	199	38,2	27,3
	4" - 8UN	GT7P-NRS4000U08	26389,4	3958,4	243	182	89	277	332	110	204	38,2	27,3



BOLTING SOLUTIONS

Enerpac's comprehensive range of bolting equipment provides precise and effective force to make your work more productive, safer, and easier to perform. The best solutions for controlled tightening, joint integrity and more, available from one source.

Tensioning Tools



Power Generation Bolt Tensioners



Topside Bolt Tensioners



Electric Tensioning Pumps



Pneumatic Tensioning Pumps



High-Pressure Hand Pumps

Controlled Tightening and Loosening



Pneumatic and Electric Torque Wrenches



Hydraulic Torque Wrenches



Electric Torque Wrench Pumps



Pneumatic Torque Wrench Pumps

Joint Assembly & Joint Separation



Hydraulic Nut Cutters and Nut Splitters



Step-Type Flange Spreaders



Flange Alignment Tools



Pin-Type Flange Spreaders



Battery-Powered Torque Wrench Pumps



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