

GENERAL PURPOSE TENSIONERS



GT-SERIES HYDRAULIC BOLT TENSIONERS

- Maximum operating pressure: 21,750 psi (1500 bar)
- Twin ports for quick connection of multiple tools
- For available adapter kits and additional technical details visit www.enerpac.com

Threaded Fastener Range		Load Cell and Bridge Reference	Cylinder Effective Area	Load Cap.
(in)	(mm)			
5/8-1	M16-M30	GT1-LCB	2.32	25.2
1 1/8-1 1/2	M30-M39	GT2-LCB	4.15	45.1
1 1/2-2	M39-M52	GT3-LCB	7.95	86.4
2-2 1/2	M52-M68	GT4-LCB	15.16	164.9
2 1/2-3 1/4	M68-M80	GT5-LCB	23.37	254.1
3 1/4-3 3/4	M80-M95	GT6-LCB	29.41	319.8

SPECIALITY BOLT TENSIONERS



PGT-SERIES BOLT TENSIONERS

- Designed for critical fastening applications in wind, steam and gas turbines
- Single-stage and double-deck tensioners provide high performance in tight spaces
- Loaded with performance enhancing features such as Auto-Retract Pistons, Cycle Counters and a premium coating to offer the ultimate in efficiency, durability and ease of use

Bolt Dia.	Thread	Model No.	Nut AF	Load Cap.	Stroke
(in)			(in)	(ton)	(in)
0.79	M20 x 2.5	PGTS2030S	1.18	22.9	0.28
0.94	M24 x 3.0	PGTS2436S	1.42	32.8	0.28
1.42	M36 x 4.0	PGTS3655S	2.17	75.3	0.35
1.65	M42 x 4.5	PGTS4265S	2.56	105.5	0.39
1.06	M27 x 3.0	PGTD2742S	1.65	44.6	0.24
1.18	M30 x 3.5	PGTD3046S	1.81	52	0.28
1.30	M33 x 3.5	PGTD3350S	1.97	64.8	0.28
1.42	M36 x 4.0	PGTD3655S	2.17	75.8	0.31
1.65	M42 x 4.5	PGTD4265S	2.56	104.2	0.39



FTR-SERIES FOUNDATION BOLT TENSIONERS (ROUND)

- Provide fast, accurate and easy tightening of external or internal ring wind tower foundations
- Long stroke options accelerate process with single- pull tensioning

FTE-SERIES FOUNDATION BOLT TENSIONERS (ELLIPTICAL)

- Provide fast and accurate performance in difficult, narrow access foundation tensioning applications
- Fits both standard and narrow access applications

Bolt Dia.	Bar Size Designation	Model No.	Nut AF	Load Cap.	Stroke
(in)			(in)	(ton)	(in)
1.38	#10	FTR751025S	2.00	42.1	0.98
1.50	#11	FTR751110S	2.25	52.8	0.39
1.88	#14	FTR751420S	2.75	80.1	0.79
1.44	1.25	FTR15012510S	2.25	90.8	0.39
1.56	1.375	FTR15013810S	2.50	90.8	0.39
1.38	#10	FTE7510S	2.00	41.9	0.39
1.50	#11	FTE7511S	2.25	52.4	0.39
1.44	1.25	FTE150125S	2.25	68.4	0.39
1.56	1.375	FTE150138S	2.50	85.6	0.39

NUT SPLITTERS/NUT CUTTER



NC NUT CUTTERS

- Compact, ergonomic, lightweight design

NS NUT SPLITTERS

- Designed to suit ANSI B16.5/BS1560 flanges
- Interchangeable heads provide maximum nut range flexibility

Model Number	Cap.	Bolt Range	Hexagon Nut Sizes	Oil Cap.
	(ton)	(in)	(in)	(in ³)
NC-1319	5	.31-.50	.50-.75	.92
NC-1924	10	.50-.63	.75-.94	1.22
NC-2432	15	.63-.88	.94-1.13	3.66
NC-3241	20	.88-1.13	1.13-1.56	4.88
NC-4150	35	1.13-1.38	1.56-2.00	9.46
NC-5060	50	1.38-1.50	2.00-2.25	14.64
NC-6075	90	1.50-1.88	2.38-2.88	30.00
NS-7080	103.2	1.75-2.00	2.75-3.13	23.00
NS-70105	103.2	1.75-2.75	2.75-4.25	23.00
NS-110115	192.5	2.75-3.00	4.25-4.63	50.00
NS-110130	192.5	2.75-3.50	4.25-5.38	50.00

FLANGE MAINTENANCE TOOLS



PARALLEL WEDGE SPREADERS

- Lightweight, portable, easy to use, one person operation
- FSM-8 mechanical version
- FSH-14 hydraulic version also available as set STF-14H including pump, hose and gauge

Model Number	Maximum Spreading Force	Tip Clearance	Max. ¹⁾ Spread	Oil Cap.
	(ton)	(in)	(in)	(in ³)
FSM-8	8	.24	3.16	-
FSH-14	14	.24	3.16	4.76

¹⁾ Using optional stepped block FSB-1.



FLANGE ALIGNMENT TOOLS

- Easy to use, one person operation
- Corrects twist and rotational misalignment without additional stress in pipelines
- For most commonly used ANSI, API, BS and DIN flanges

Model Number	Max. Lifting Force*	Minimum Bolt Size	Flange Wall Thickness (including gap between flanges)
	(ton)	(in)	(in)
ATM-2	1	0.63	.55 - 3.29
ATM-4	4	0.95	1.18 - 5.23
ATM-9**	10	1.24	3.66 - 9.00

* At 10,000 psi maximum operating pressure.

** ATM-9 includes an Enerpac hand pump and hydraulic hose

HYD. FLANGE SPREADERS



PIN TYPE HYDRAULIC FLANGE SPREADERS

- Lightweight and ergonomic design for ease of use
- Adjustable jaw widths from 2.75 - 8.50" for a wide range of applications
- Available as a complete set including tool, pump, hose, coupler, gauge and adaptor:
STF-56H set with P-392 hand pump;
STF-109H set with P-392 hand pump;
STF-109A set with PATG-1102N Turbo II air hydraulic pump

Model Number	Cap.	Max. Flange Thickness	Stud Size	Stroke
	(ton)	(in)	(in)	(in)
FS-56	5	2 x 2.25	.75 - 1.13	1.50
FS-109	10	2 x 3.63	1.25 - 1.63	2.13



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