



RAPID-TORC®

B I G N U T S - B I G T O O L S®
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PRESENTS

2009 ALL-STARS

HIGH TENSION CHAMPION



TRT SERIES

HYDRAULIC BOLT TENSIONER

RAPID-TORC is an International Corporation, based in Houston, TX and Brussels, Belgium. Leader in the Bolting market, the company designs, manufactures and distributes high quality hydraulic torque wrenches, bolt tensioners and induction heating systems and delivers value-added technical services to customers worldwide.

THE ULTIMATE SOLUTION FOR ALL FLANGES.

TRT Series features:

- Compact size with maximum load capacity
- Operates at 21,750 psi/1500 bar
- All TRT Series 0.59"/15mm tensioning stroke
- Fully functional when working on the underside of the application (upside down)



MADE IN THE USA

Impact wrench interface

Puller can be screwed in seconds with no effort

Innovative, powerful spring return

Reduces operator fatigue and reduces operation time



Environmentally Friendly Solution:

Can be pressurized with Rapid-Torc Water Mix (ISO14000).

Anti-slip surface
Located on the puller sleeve and outside of the cylinder improves operator's grip during operation

Stroke indicator
Red rubber o'ring signals that the maximum stroke has been reached

Bridge attachment
Allows operator to move the tensioner as a single piece from stud to stud



High class flat face coupler
 Compliant to ISO 14001:2004.
 Environmentally friendly

Quick release couplings and dual port design
Simple hose connection and eliminates high pressure block. Double operation speed

Overstroke Elimination System

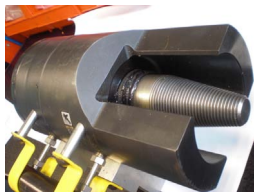
TRT has been designed to prevent overstroking without a relief valve. All TRT have 0.59"/15mm stroke

Double cut bridge
The bridge has two wide 60° open window place at 180° degrees apart

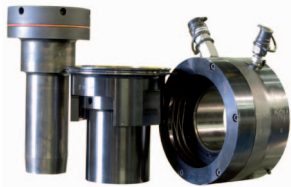
FITS ALL API 6-A FLANGES WITH B7/L7 STUDS BOLTS

Interchangeable adapter kits allow you to maximize the versatility of your TRT.

Take advantage of the TRT Series full potential with these ideally matched products.



GE Gas turbine coupling flange tensiometer

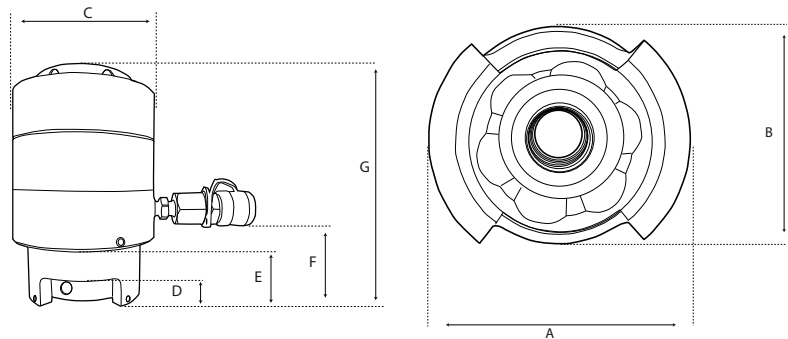


Customized puller and bridges are designed to fit on any industrial application

Imperial and Metric kits are available. Each kit includes puller, bridge, socket and tommy bar.



TRT Series technical specifications:



Tool	Dimensions														Weight lbs
	A		B		C		D		E		F		G		
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
TRT2A	3.42	87	2.68	67	4.23	107	1.05	168	2.1	48	2.5	58	6.34	168	102.66
TRT2B	3.63	92	2.9	73	4.23	107	1.05	168	2.23	51	2.63	61	6.34	168	102.66
TRT4A	4.44	113	3.24	82	5.74	146	1.05	179	2.35	54	2.75	64	7.65	179	225.33
TRT4B	4.99	126	3.96	100	5.74	146	1.25	179	2.68	61	3.08	71	7.65	179	225.3
TRT6A	5.6	142	4.33	109	7.23	187	1.81	199	3.22	74	3.62	84	7.85	199	340.6
TRT6B	6.45	163	5.07	128	7.23	187	1.81	199	3.47	79	3.87	89	7.85	199	340.6
TRT8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	552.38
TRT9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	738.33



Stud Diameter in	mm	A.F. in	A.F. mm	Load KN	Load lbf	TRT TENSIONER RECOMMENDATION	Hydraulic Area in ²	mm ²	Max. Stroke in	mm	Weight lbs	kg	Height in	mm	O.D. in	mm
1"		1 5/8"		141	31802	TRT2 A - 456 Kn - 102,660 lbs	4.72	3045	0.59	15	12.8	5.8	6.34	168	4.23	107
1 1/8"	M27	1 13/16"	41mm	184	41499	TRT2 A - 456 Kn - 102,660 lbs	4.72	3045	0.59	15	12.8	5.8	6.34	168	4.23	107
1 1/4"	M30	2"	46mm	232	52484	TRT2 A - 456 Kn - 102,660 lbs	4.72	3045	0.59	15	12.8	5.8	6.34	168	4.23	107
1 3/8"	M33	2 3/16"	50mm	286	64759	TRT2 A - 456 Kn - 102,660 lbs	4.72	3045	0.59	15	12.8	5.8	6.34	168	4.23	107
1 1/2"	M36	2 3/8"	55mm	346	78322	TRT2 B - 456 Kn - 102,660 lbs	4.72	3045	0.59	15	12.8	5.8	6.34	168	4.23	107
1 5/8"	M39	2 9/16"	60mm	412	93173	TRT4 A - 1002 Kn - 225,330 lbs	10.36	6684	0.59	15	21.4	9.7	7.65	179	5.74	146
1 3/4"	M42	2 3/4"	65mm	484	109313	TRT4 A - 1002 Kn - 225,330 lbs	10.36	6684	0.59	15	21.4	9.7	7.65	179	5.74	146
1 7/8"	M45	2 15/16"	70mm	561	126741	TRT4 A - 1002 Kn - 225,330 lbs	10.36	6684	0.59	15	21.4	9.7	7.65	179	5.74	146
2"	M48	3 1/8"	75mm	644	145458	TRT4 B - 1002 Kn - 225,330 lbs	10.36	6684	0.59	15	21.4	9.7	7.65	179	5.74	146
2 1/4"	M52	3 1/2"	80mm	826	186758	TRT6 A - 1515 Kn - 340,605 lbs	15.66	10100	0.59	15	34.7	15.7	7.85	199	7.23	187
2 1/2"	M56	3 7/8"	85mm	1,032	233212	TRT6 A - 1515 Kn - 340,605 lbs	15.66	10100	0.59	15	34.7	15.7	7.85	199	7.23	187
2 5/8"	M60	4 1/16"	90mm	1,040	233765	TRT6 B - 1515 Kn - 340,605 lbs	15.66	10100	0.59	15	34.7	15.7	7.85	199	7.23	187
2 3/4"	M64	4 1/4"	100mm	1,146	257694	TRT6 B - 1515 Kn - 340,605 lbs	15.66	10100	0.59	15	34.7	15.7	7.85	199	7.23	187
3"	M72	4 5/8"	105mm	1,375	309050	TRT8 - 2470 Kn - 555,277 lbs	25.53	16470	0.59	15	87.5	39.7	9.02	229	8.75	222
3 1/4"	M85	5"	135mm	1,624	365070	TRT8 - 2470 Kn - 555,277 lbs	25.53	16470	0.59	15	87.5	39.7	9.02	229	8.75	222
3 1/2"	M90	5 3/8"	140mm	1,899	426891	TRT8 - 2470 Kn - 555,277 lbs	25.53	16470	0.59	15	87.5	39.7	9.02	229	8.75	222
3 3/4"	M95	5 3/4"	145mm	2,185	491099	TRT8 - 2470 Kn - 555,277 lbs	25.53	16470	0.59	15	87.5	39.7	9.02	229	8.75	222
3 7/8"	M100	5 15/16"	155mm	2,496	561108	TRT9 - 3304 Kn - 742,760 lbs	34.15	22030	0.59	15	115	52.3	9.53	242	10.25	260
4"		6 1/8"				TRT9 - 3304 Kn - 742,760 lbs	34.15	22030	0.59	15	115	52.3	9.53	242	10.25	260