

The logo for TORC SOLUTIONS is centered in the upper half of the page. It features the word "TORC" in a large, bold, white sans-serif font with a thick orange horizontal bar above the letter "O". Below "TORC", the word "SOLUTIONS" is written in a smaller, white, italicized sans-serif font. The entire logo is contained within a black rounded rectangle with an orange border. The background of the top half of the page is a dark blue-grey color with a fine, diagonal orange hatching pattern.

TORC *SOLUTIONS*

A Design Technology with your Applications in Mind

The background of the lower half of the page is a technical drawing. It features a large, dark blue-grey diagonal shape on the left side, which appears to be a part of a mechanical assembly. The rest of the background is a solid orange color. Overlaid on this are white technical drawing lines, including circles, arcs, and straight lines. Two specific radii are labeled: "R1" and "R2". "R1" is located near the bottom left of the dark blue-grey shape, and "R2" is located near the bottom center of the orange area. The overall aesthetic is clean and professional, typical of a technical or engineering document.

R1

R2

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OUR PROMISE

With background experience spanning 30 years, TORC has evolved to address the need for high-quality equipment at an affordable price. These are the workhorses of the torque world. No frills, no fuss. Just get the job done, all day, everyday.

THE TORC DIFFERENCE

TORC understands that the critical path in Maintenance starts and ends with bolting. Our tools offer features to get you started on that path.

- Accuracy
- Reliability
- Outstanding weight-to-torque ratio
- Lower cost and reduced maintenance
- Anti-lock tools with no need for an anti-jam mechanism
 - Internal ratchet to prevent significant roll back with each cycle, resulting in a faster tool

CALIBRATION

Each new tool comes with a Certificate of Calibration to ensure proper torque output according to factory-certified torque output values. Utilizing one of the industries top calibration machines with state-of-the-art torque transducers, TORC can also help calibrate your existing hydraulic torque wrenches regardless of the brand or make. The internal moving parts on any hydraulic torque wrench can cause friction which can lead to distortion and an incorrect torque value. Frequently calibrating your tools will provide the necessary service to ensure they are working correctly, safely, and efficiently.

WARRANTY

TORC equipment is engineered to the latest technological standards and is backed by our exclusive 13-month warranty. In the event of a product failure, we will either fix or replace your unit. Free loaner tools will be provided in case of a product failure within the warranty period.

BULLET-PROOF AMERICAN ENGINEERING

TORC tools perform in the harshest conditions, from the cold of Siberia, to the heat of the desert, to the depths of the Gulf.

TORC has authorized distributors that carry stock for quick delivery. Our authorized distributors have unique and direct access to our applications and field experience to assist you in finding the correct TORC tool for your bolting application.

If you have any questions, contact us at sales@torcsolutions.com or visit your local authorized TORC tool representative. You can also visit us at torcsolutions.com



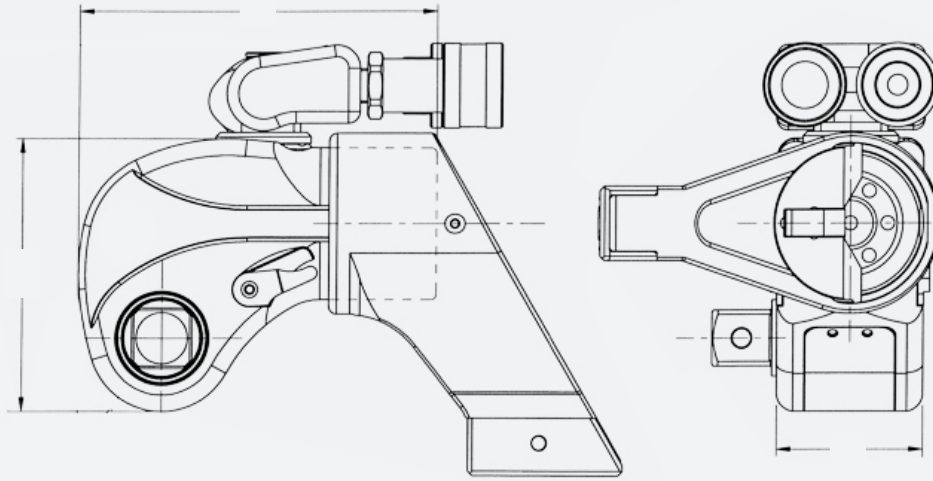
TTS

Square Drive Tool

FEATURES

- 180/360-degree multi-position hose couplers prevents hose interference on all jobs
- Made of highest quality materials (aluminum and steel alloys) for durability and longevity
- Manufactured and assembled in the U.S.A. with supreme quality control

SPECIFICATIONS



LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model		H	W	L	R	Drive	Weight	Torque	
								MIN.	MAX.
TTS - .7	in.	3.00	1.62	3.96	.081	.75	2.70 lbs.	123 ft.-lbs.	822 ft.-lbs.
	mm	76	41	101	21	19	1.23 kg	166.77 Nm	1,114.48 Nm
TTS - 1	in.	3.66	1.97	4.88	0.98	.75	3.95 lbs.	201 ft.-lbs.	1,340 ft.-lbs.
	mm	93	50	124	25	19	1.79 kg	272.52 Nm	1,816.80 Nm
TTS - 3	in.	4.88	2.63	6.34	1.31	1	8.30 lbs.	484 ft.-lbs.	3,230 ft.-lbs.
	mm	124	67	161	33	25	3.77 kg	656.22 Nm	4,379.29 Nm
TTS - 5	in.	5.85	3.16	7.61	1.57	1	14.20 lbs.	838 ft.-lbs.	5,589 ft.-lbs.
	mm	149	80	193	40	25	6.44 kg	1,136.18 Nm	7,577.67 Nm
TTS - 10	in.	7.32	3.95	9.51	1.96	1.5	24.80 lbs.	1,728 ft.-lbs.	11,519 ft.-lbs.
	mm	186	100	242	50	38	11.25 kg	2,342.85 Nm	15,617.67 Nm
TTS - 15	in.	8.06	4.38	10.55	2.18	2.5	36.00 lbs.	2,388 ft.-lbs.	15,920 ft.-lbs.
	mm	205	111	268	55	64	16.33 kg	3,237.69 Nm	21,584.62 Nm
TTS - 20	in.	8.87	4.73	11.41	2.36	2.5	43.40 lbs.	2,964 ft.-lbs.	19,757 ft.-lbs.
	mm	225	120	290	60	64	19.69 kg	4,018.64 Nm	26,786.90 Nm
TTS - 35	in.	10.79	5.82	14.03	2.90	2.5	77.45 lbs.	5,564 ft.-lbs.	37,095 ft.-lbs.
	mm	274	148	356	74	64	35.13 kg	7,543.77 Nm	50,294.07 Nm

NOTE:

All tools and pumps are subject to a 13-months free repair/replacement guaranty in the event of failure. Data subject to change without notice.



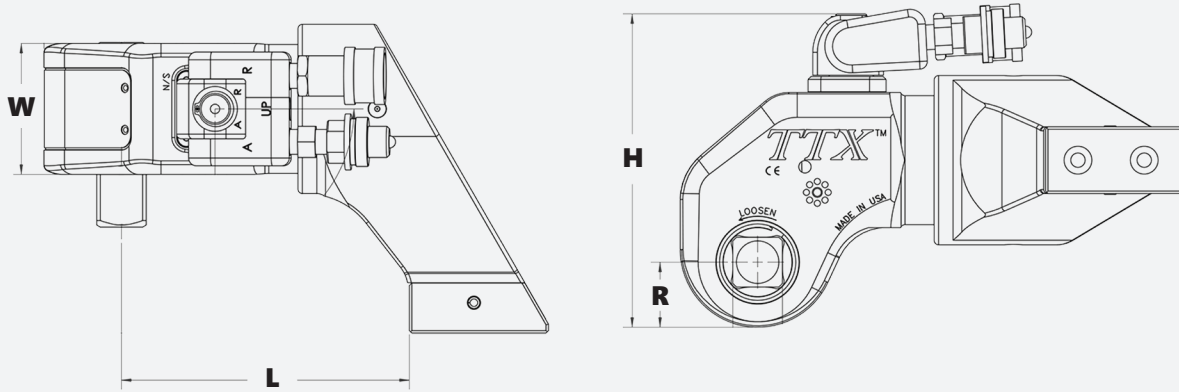
TTX

Square Drive Tool

FEATURES

- 180/360-degree multi-position hose couplers prevents hose interference on all jobs
- Made of highest quality materials (aluminum and steel alloys) for durability and longevity
- Efficient design with three moving parts for simple and inexpensive internal part repairs
- Manufactured and assembled in the U.S.A. with supreme quality control

SPECIFICATIONS



LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model		H	W	L	R	Drive	Weight	Torque	
								MIN.	MAX.
TTX - 1	in.	4.92	1.97	7.74	0.99	.75	3.30 lbs.	168 ft.-lbs.	1,235 ft.-lbs.
	mm	125	50	197	25	19	1.50 kg	227.78 Nm	1,674.44 Nm
TTX - 3	in.	6.39	2.63	10.15	1.31	1	4.05 lbs.	446 ft.-lbs.	3,100 ft.-lbs.
	mm	162	67	258	33	25	1.84 kg	604.70 Nm	4,203.04 Nm
TTX - 5	in.	7.62	3.16	11.88	1.57	1.5	8.50 lbs.	880 ft.-lbs.	6,130 ft.-lbs.
	mm	194	80	302	40	38	3.86 kg	1,193.12 Nm	8,311.16 Nm
TTX - 7	in.	8.51	3.57	13.49	1.85	1.5	19.20 lbs.	1,187 ft.-lbs.	8,437 ft.-lbs.
	mm	216	91	343	47	38	8.71 kg	1,609.36 Nm	11,439.04 Nm
TTX - 11	in.	9.08	3.95	15.01	1.97	1.5	20.05 lbs.	1,580 ft.-lbs.	10,942 ft.-lbs.
	mm	231	100	381	50	38	9.10 kg	2,142.19 Nm	14,835.36 Nm
TTX - 21	in.	10.46	4.73	18.31	2.29	2.5	63.00 lbs.	2,716 ft.-lbs.	19,116 ft.-lbs.
	mm	266	120	465	58	63	11.34 kg	3,682.40 Nm	25,917.82 Nm
TTX - 30	in.	10.10	5.64	20.44	2.29	2.5	64.70 lbs.	4,448 ft.-lbs.	29,650 ft.-lbs.
	mm	257	143	519	58	64	29.35 kg	6,030.68 Nm	40,200.00 Nm

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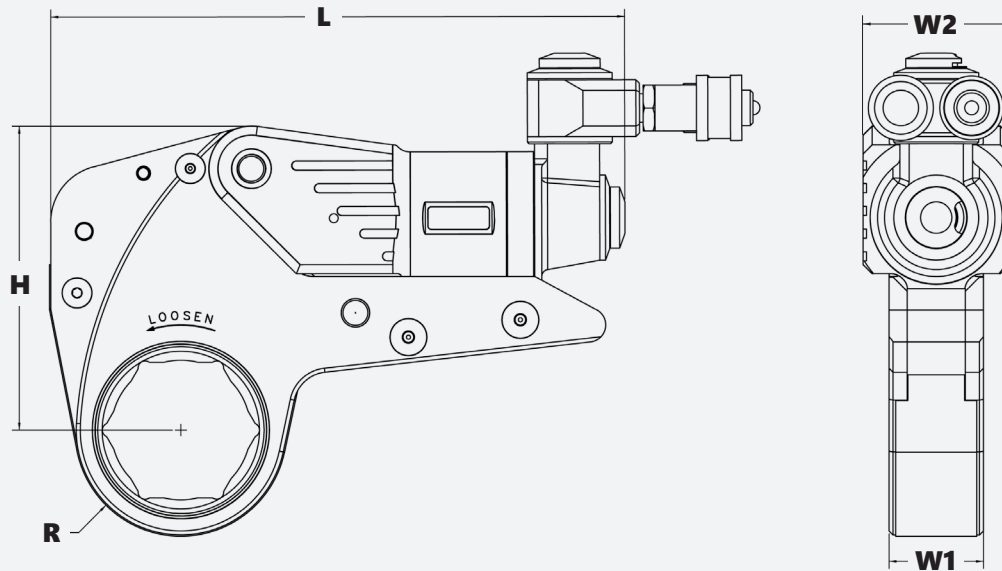
TTL

Limited-Clearance Tool

FEATURES

- The most frequently used limited-clearance torque wrench in the world
- Built to withstand the rigors of daily use in heavy industry
- Versatility allows for use with hex, 12-point, castle-nut sockets, etc.
- Seven models with torque output up to 59,110 ft.-lbs.
- Uniswivel technology for free movement and positioning of tool and hoses
- Available with TORC Square Drive Conversion Link for use with hex and allen sockets

SPECIFICATIONS



LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model		H	W1	W2	L	R	Hex Range	Weight (w/o link)	Torque	
									MIN.	MAX.
TTL - 2	in.	4.02	1.26	1.94	7.33	1.03	.75 - 2.9375	2.05 lbs.	243 ft.-lbs.	1,687 ft.-lbs.
	mm	102	32	49	186	26	19 - 75	0.93 kg	329.46 Nm	2,287.27 Nm
TTL - 4	in.	5.36	1.68	2.58	10.06	1.32	1.4375 - 3.5	4.25 lbs.	580 ft.-lbs.	3,855 ft.-lbs.
	mm	136	43	66	256	34	37 - 89	1.93 kg	786.37 Nm	5,226.68 Nm
TTL - 8	in.	6.69	2.08	2.23	12.08	1.78	2 - 3.875	7.15 lbs.	1,142 ft.-lbs.	8,149 ft.-lbs.
	mm	170	53	57	307	45	51 - 98	3.24 kg	1,548.34 Nm	11,048.56 Nm
TTL - 14	in.	8.04	2.50	3.63	14.14	2.62	2.75 - 4.625	11.30 lbs.	2,010 ft.-lbs.	13,398 ft.-lbs.
	mm	204	64	92	359	67	70 - 117	5.13 kg	2,725.19 Nm	18,165.25 Nm
TTL - 18	in.	9.08	2.82	4.38	14.41	2.58	2.75 - 6	14.85 lbs.	2,676 ft.-lbs.	17,843 ft.-lbs.
	mm	231	72	111	366	66	70 - 152	6.74 kg	3628.17 Nm	24,191.86 Nm
TTL - 30	in.	10.71	3.33	5.17	16.80	3.02	3.125 - 7.625	23.80 lbs.	4,578 ft.-lbs.	30,982 ft.-lbs.
	mm	272	85	131	427	77	79 - 194	10.80 kg	6,206.94 Nm	42,005.95 Nm
TTL - 45	(PLEASE SEE BELOW AND CONTACT US FOR MORE INFORMATION ABOUT THIS MODEL)									



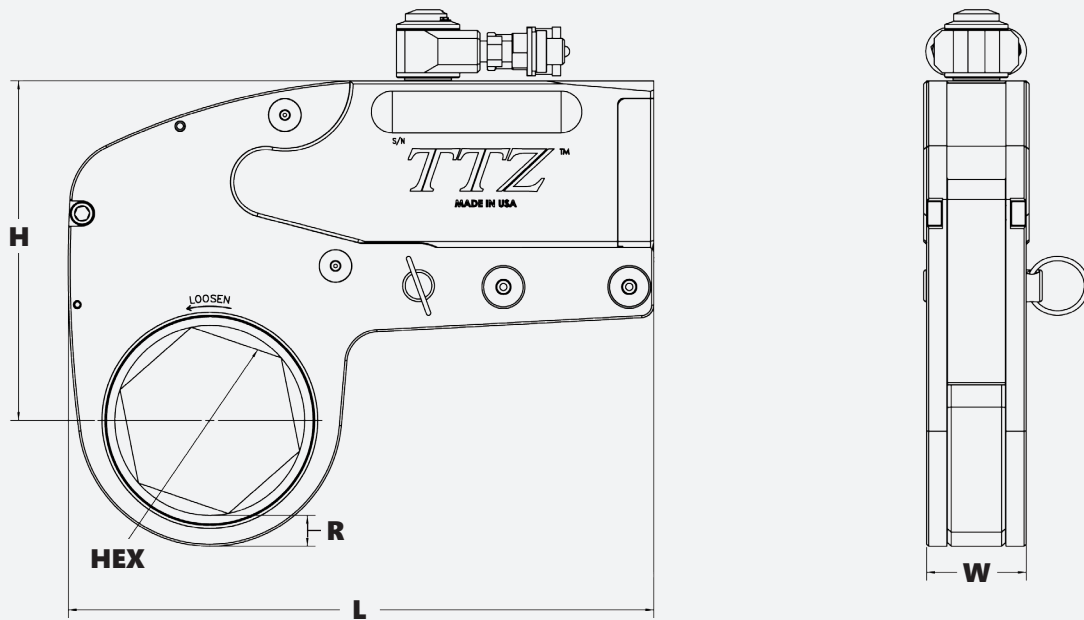
TTZ

Limited-Clearance Tool

FEATURES

- Multi-position hose couplers prevents hose interference on all jobs
- Simply connect hex links for quick and easy hex size changes
- Efficient design allows for simple and inexpensive repairs of internal parts
- Slim design allows tool to fit where a square drive tool can't
- Highest quality internal metals for durability and longevity
- Manufactured and assembled in the U.S.A. with supreme quality control

SPECIFICATIONS



LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model		H	W	L	R	Hex Range	Weight	Torque	
								MIN.	MAX.
TTZ - 2	in.	3.73	1.25	6.97	0.38	.75 – 2.9375	3.30 lbs.	269 ft.-lbs.	1,875 ft.-lbs.
	mm	95	32	177	10	1	1.50 kg	364.72 Nm	2,542.16 Nm
TTZ - 4	in.	5.51	1.67	9.20	0.51	1.4375 – 3.5	7.20 lbs.	655 ft.-lbs.	4,538 ft.-lbs.
	mm	140	42	234	13	1	3.27 kg	888.06 Nm	6,152.70 Nm
TTZ - 8	in.	6.53	2.10	11.62	0.72	2 – 3.875	11.90 lbs.	1,202 ft.-lbs.	8,308 ft.-lbs.
	mm	166	53	295	18	2	5.40 kg	1,629.69 Nm	11,264.14 Nm
TTZ - 14	in.	8.04	2.50	13.88	0.73	2.75 – 4.625	19.30 lbs.	2,062 ft.-lbs.	14,576 ft.-lbs.
	mm	204	64	353	19	3	8.75 kg	2795.70 Nm	19,762.40 Nm
TTZ - 20	in.	8.87	3.00	14.81	0.92	2.75 – 6	25.00 lbs.	3,080 ft.-lbs.	21,891 ft.-lbs.
	mm	225	76	376	23	3	11.34 kg	4175.92 Nm	29,680.21 Nm
TTZ - 30	in.	10.95	3.75	18.52	1.00	3.125 – 7.625	47.70 lbs.	5,394 ft.-lbs.	36,777 ft.-lbs.
	mm	278	95	470	25	3	21.64 kg	7,313.28 Nm	49,862.92 Nm

NOTE:

All tools and pumps are subject to a 13-months free repair/replacement guaranty in the event of failure. Data subject to change without notice.



TTP

Single-Speed Torque Gun

FEATURES

- Accurate torque with low noise and low vibration
- Maximum torque requires only 90 PSI
- Extensions available for job-specific applications
- Made from lightweight, high-strength materials
- Precision gearing produces constant calibrated power
- Highest power-to-weight ratio of any comparable product
- Splined reaction area allows for the use of custom reaction fixture

SPECIFICATIONS



LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model		H	W	L	R	Drive	Weight	Torque	
								MIN.	MAX.
TTP - .25	in.	7.06	2.72	7.15	1.25	0.75	7.20 lbs.	85 ft.-lbs.	250 ft.-lbs.
	mm	179	69	182	32	19	3.27 kg	115.25 Nm	338.95 Nm
TTP - .5	in.	7.32	2.74	8.07	1.25	.75	7.20 lbs.	175 ft.-lbs.	500 ft.-lbs.
	mm	186	70	205	32	19	3.27 kg	237.27 Nm	677.91 Nm
TTP - 1	in.	7.06	2.72	8.82	1.25	.75	8.80 lbs.	200 ft.-lbs.	1,250 ft.-lbs.
	mm	179	69	224	32	19	3.99 kg	271.16 Nm	1,694.77 Nm
TTP - 2	in.	7.94	3.53	10.46	3.25	1	14.50 lbs.	521 ft.-lbs.	2,190 ft.-lbs.
	mm	202	90	266	83	25	6.58 kg	706.38 Nm	2,969.24 Nm
TTP - 3	in.	7.94	3.53	11.11	1.31	1	15.75 lbs.	856 ft.-lbs.	3,180 ft.-lbs.
	mm	202	90	282	33	25	7.06 kg	1,160.58 Nm	4,311.50 Nm
TTP - 5	in.	7.93	3.70	12.24	1.81	1.5	20.05 lbs.	1,200 ft.-lbs.	5,200 ft.-lbs.
	mm	201	94	311	46	38	9.10 kg	1,626.98 Nm	7,050.25 Nm
TTP - 8	in.	8.03	3.69	13.00	1.81	1.5	26.50 lbs.	1,775 ft.-lbs.	8,035 ft.-lbs.
	mm	204	94	330	46	38	12.02 kg	2,406.58 Nm	10,894.00 Nm

NOTE:

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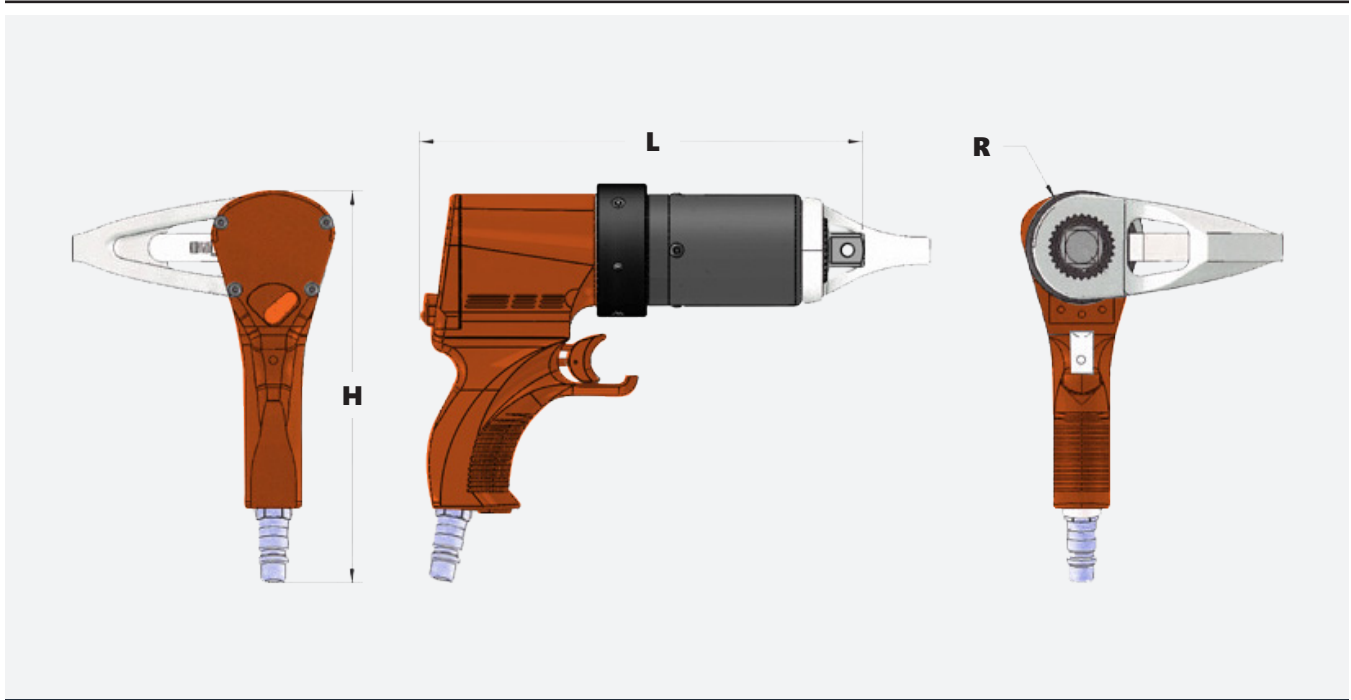
TTP

Dual-Speed Torque Gun

FEATURES

- Calibrated torque output up to 5,000 ft.-lbs.
- Quickly switch from fast rundown to accurate torque
- Fixtures available for all challenging applications
- Built to withstand heavy use in all industries
- Industry-leading power-to-weight ratio
- Compatible with the TORC FRL (Filter/Regulator/Lubricator) Unit (sold separately)
- Compatible with the TORC FRL-S (Optional Silencer) Unit (sold separately)

SPECIFICATIONS



LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model		H	W	L	R	Drive	Weight	Torque	
								MIN.	MAX.
TTP – DS1	in.	7.06	2.72	8.82	1.25	.75	8.80 lbs.	200 ft.-lbs.	1,250 ft.-lbs.
	mm	179	69	224	32	19	3.99 kg	271.16 Nm	1,694.77 Nm
TTP – DS3	in.	7.94	3.53	11.11	1.31	1	15.75 lbs.	856 ft.-lbs.	3,180 ft.-lbs.
	mm	202	90	282	33	25	7.14 kg	1,160.58 Nm	4,311.50 Nm
TTP – DS5	in.	7.93	3.70	12.24	1.81	1.5	20.05 lbs.	1,200 ft.-lbs.	5,200 ft.-lbs.
	mm	201	94	311	46	38	9.10 kg	1626.98 Nm	7,050.25 Nm

NOTE:

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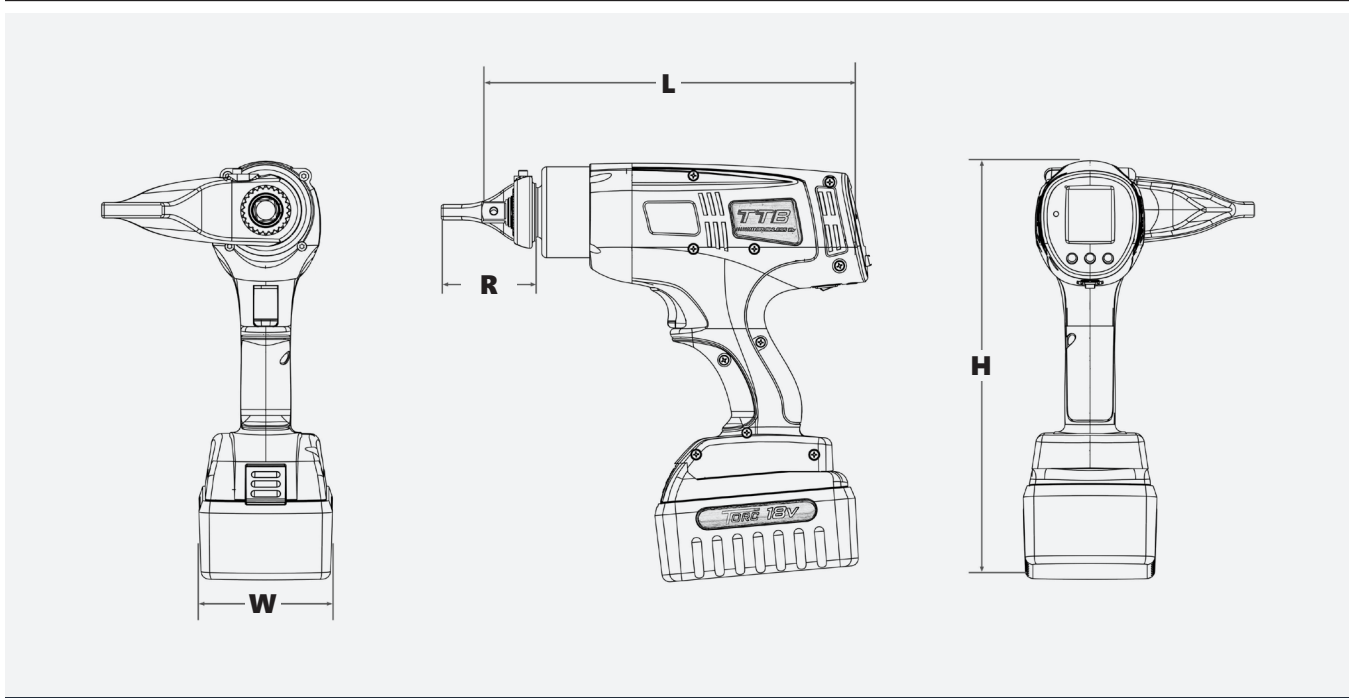
TTB

Portable Battery Gun

FEATURES

- Affordable precision bolting system with built-in data recording
- Set your desired torque output on the TTB's digital display and pull the trigger to get precise, repeatable torque without excessive noise or vibration
- 18-Volt lithium-ion battery provides long lasting operation with a quick recharge time
- Industrial-strength gear box driven by a brushless DC motor, connected to a non-impacting gearbox
- Delivers torque faster, more smoothly and more reliably than manual clicker wrenches, impact wrenches and other tightening tools

SPECIFICATIONS



LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model		H	W	L	R	Drive	Weight	Torque	
								MIN.	MAX.
TTB - .25	in.	10.83	3.46	10.16	2.35	.5	7.30 lbs.	25 ft.-lbs.	250 ft.-lbs.
	mm	275	88	258	60	12	3.31 kg	33.90 Nm	338.96 Nm
TTB - .7	in.	10.83	3.46	10.80	2.38	.75	8.22 lbs.	150 ft.-lbs.	700 ft.-lbs.
	mm	275	88	274	60	19	3.73 kg	203.37 Nm	949.07 Nm

NOTE:

All TTB tools are subject to a limited manufacturers guarantee. Data subject to change without notice.



Dynamic

115v/230v

FEATURES

- Lightweight and compact size
- 2.3-liter reservoir
- Incomparable performance
- Includes standard 15-ft. (5m) hose

Hyflow

115v/230v/380v

FEATURES

- One of the fastest power packs available
- 7.75-liter reservoir and 4-port manifold
- Assured parallel joint closure faster for fewer passes from a safe distance
- Includes oil cooler and standard 15-ft. (5m) hose

NOTE:

All tools and pumps are subject to a 13-months free repair/replacement guaranty in the event of failure. Data subject to change without notice.



Hyflow

Air

Hyflow Twin

Twin Air / Twin Electric

FEATURES

- Super high-flow 770-cu. in. heavy duty Power Pack
- 7.75-liter reservoir and 4-port manifold
- Designed for use with TORC hydraulic torque tools and all 10,000 PSI equipment
- Built-in air filter and lubricator
- Includes standard 15-ft. (5m) hose

FEATURES

- High-powered twin-motor, 3-stage pump
- 2x the speed and oil flow of any other available system
- Ideal for use with very large hydraulic-powered bolting systems or large multi-tool systems
- Includes standard 15-ft. (5m) hose

NOTE:

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TORC PUMP MODEL COMPARISONS

Dynamic 115v/230v

Dimensions:

Imperial	Metric
A (L): 14"	355 mm
B (W): 16"	406 mm
C (H): 1.3"	33 mm

Hyflow Air

Dimensions:

Imperial	Metric
A (L): 20"	508 mm
B (W): 11"	279 mm
C (H): 16"	406 mm

Hyflow 115v/230v/380v

Dimensions:
115v/230v
(With Oil Cooler)

Imperial	Metric
A (L): 15.5"	394 mm
B (W): 9.9"	251 mm
C (H): 14.8"	376 mm

(Without Oil Cooler)

Imperial	Metric
A (L): 19"	483 mm
B (W): 15"	381 mm
C (H): 23"	584 mm

380v

Imperial	Metric
A (L): 17.4"	442 mm
B (W): 10.7"	272 mm
C (H): 16.6"	422 mm

Hyflow Twin

Dimensions:
Twin Air

Imperial	Metric
A (L): 18.8"	478 mm
B (W): 9.8"	249 mm
C (H): 16.1"	409 mm





Twin Electric

Imperial	Metric
A (L): 20"	508 mm
B (W): 16"	406 mm
C (H): 17"	432 mm

NOTE:

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TORC PUMP MODEL COMPARISONS (CONT'D.)

Pump Model	Max. Pressure		Max. Flow						Weight (Without Oil)	
	psi	bar	cu. in.	cu. m	@ 60 Hz		@ 50 Hz		lbs.	kg
 DYNAMIC 115/230v	10,000	700	—	—	250	0.004	200	0.003	33	14.9
 HYFLOW Air	10,000	700	770	0.013	—	—	—	—	46	21
 HYFLOW 115v/230v (with Oil Cooler)	10,000	700	—	—	620	0.010	510	0.008	57	26
115v/230v (without Oil Cooler)	10,000	700	—	—	620	0.010	510	0.008	44	20
380v	10,000	700	—	—	620	0.010	510	0.008	49	22
 HYFLOW Twin Twin Air	10,000	700	—	—	1,200	0.020	1,000	0.016	130	60
Twin Electric	10,000	700	1,500	0.025	—	—	—	—	98	44

NOTE:

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FRL

(Filter/Regulator/Lubricator) Unit

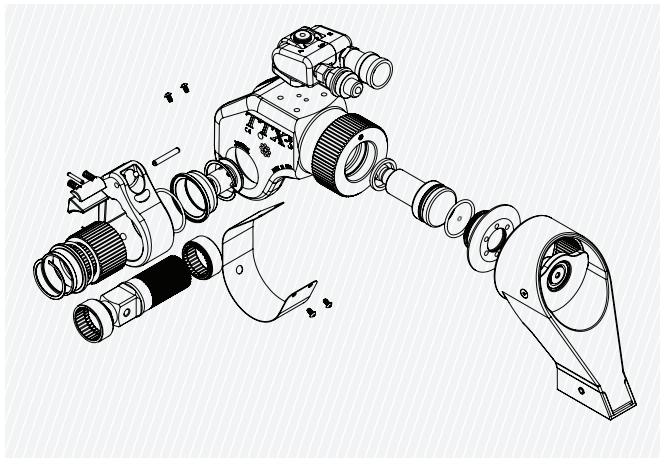
FEATURES

- For use and fully compatible with all TORC Pneumatic Torque Guns
 - TORC TTP Single-Speed Torque Gun
 - TORC TTP Dual-Speed Torque Gun
- FRL Unit sold separately
- Optional Silencer Unit reduces operational noise by 35%, down to a quiet 70-75 Db. (Also sold separately)

NOTE:

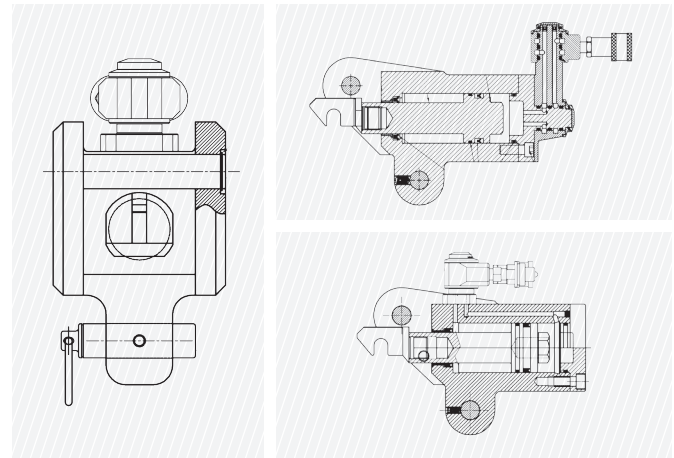
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TTS / TTX



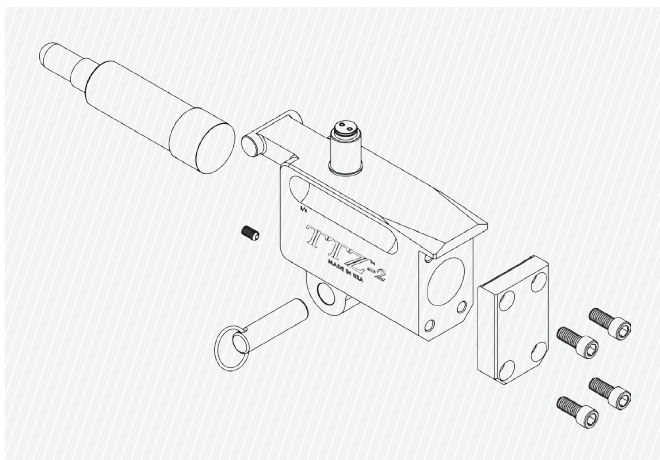
The TTS and TTX are the world's best-selling industrial bolting system with over one hundred thousand in use around the world. From the tallest roller coasters to the most demanding oil platforms, the TTS and TTX have the power to get the job done.

TTL



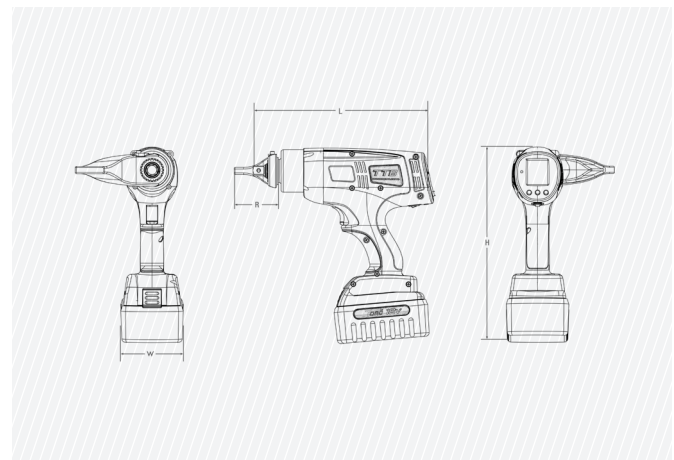
The TTL is the world's best-selling limited clearance industrial bolting system with over one hundred thousand in use around the world. From oil field to power plant, the TTL has the power to get the job done.

TTZ



For general maintenance that requires high torque values and repeatable results, the TTZ is TORC's workhorse. The straightforward three-moving-part design was created over 30 years ago and has been consistently improved upon resulting in the most tried and tested line of hydraulic torque wrenches in the world.

TTB

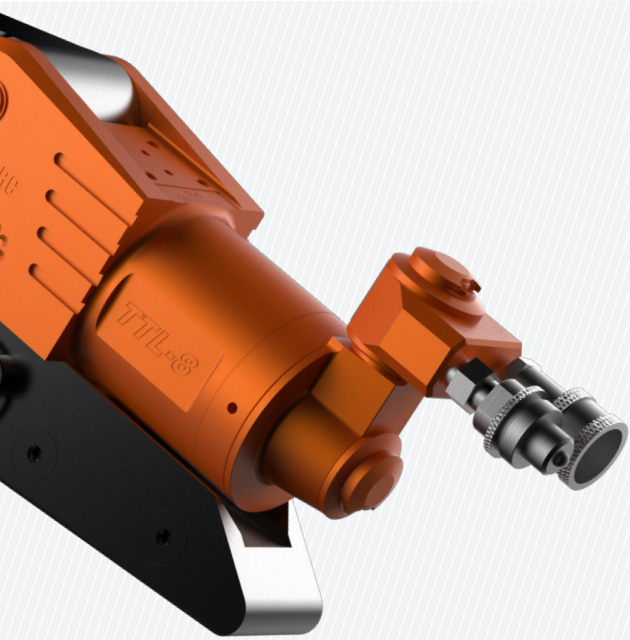


The TTB is the world's first affordable precision bolting system with built-in data recording. Set your desired torque output on the TTB's display and pull the trigger to get precise, repeatable torque without excessive noise or vibration.

NOTE:

All tools and pumps are subject to a 13-months free repair/replacement guaranty in the event of failure. Data subject to change without notice.







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