

A close-up, black and white photograph of a metal component, possibly a bracket or a part of a machine. The component has a large, irregularly shaped hole in the center. The surface of the metal is textured and shows signs of wear or machining. The lighting is dramatic, with strong highlights and deep shadows, emphasizing the three-dimensional form of the part.

Torque

The **Product Catalog**

of **Torque Technology**



Starting TorcUP ten years ago was a natural extension of my love and passion for creating, and of my desire to design something completely new and entrepreneurial.

At the time, customers were having a hard time finding reliable, consistent, and innovative bolting tools. I realized that a great number of people were seeking a unique product that was user friendly and robust in design. I had an innate belief that in order to establish a successful company it would have to be strictly focused on functionally and technologically advanced torque tools with proven performance benefits. This was the founding principle of TorcUP and today remains our guarantee to customers all over the world.

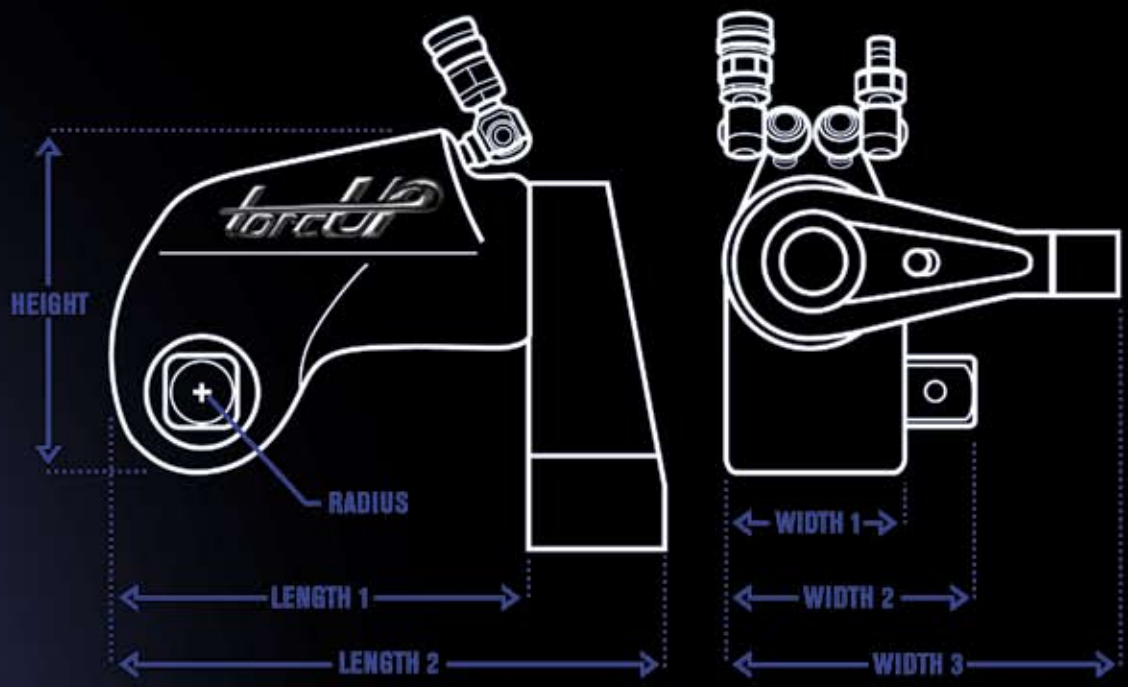
Regards,
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Torque/Pressure Chart

Pump Pressure (PSI)	Tool Output (FT/LBS)
1000	
1500	
2000	
2500	
3000	
3500	
4000	
4500	
5000	
5500	
6000	
6500	
7000	
7500	
8000	
8500	
9000	
9500	
10000	



TU

TU SERIES FEATURES

Patented Mono-Body Housing

This feature allows for direct reaction against the housing of the tool, as well as a significant reduction in housing flex and torsion.

Dual Independent Swivels

360° x 360° swivels allow for individual movement of duplex hoses. Steel construction adds durability.

Push Through Square Drive

Change the direction of the tool from loosen to tighten by pushing the Vascomax® square drive through the tool.

Laser Engraved Torque Chart

The torque chart for the square drive tool is laser engraved directly on the shroud to allow for quick reference. It also reverses from Ft/lbs-PSI to Nm-Bar.

Quick Connect Couplers

Each tool is fitted with quick connect, no-drip, threadless safety couplers, with 4:1 safety ratio.

Reaction Arm

Smaller diameter, multi-position reaction arm allows for tool to be positioned better in tighter applications. The arm is fitted with a field replaceable steel reaction boot.

Reaction Arm Release Button

Protected within the reaction arm housing, this feature allows for safe and simple removal and replacement of the multi-position reaction arm.

Body Material

The TU Series housing is manufactured from 7075 Aircraft Quality lightweight alloy.

U.S. Patent No. 6,068,068



TU SERIES Accessories

1. Extended Reaction Boot

25mm/1 inch: *TU-2* ATU-2-03-EXT1 *TU-3* ATU-3-03-EXT1 *TU-7* ATU-7-03-EXT1 *TU-11* ATU-11-03-EXT1 *TU-27* ATU-27-03-EXT1

51mm/2 inches: *TU-2* ATU-2-03-EXT2 *TU-3* ATU-3-03-EXT2 *TU-7* ATU-7-03-EXT2 *TU-11* ATU-11-03-EXT2

76mm/3 inches: *TU-2* ATU-2-03-EXT3 *TU-3* ATU-3-03-EXT3 *TU-7* ATU-7-03-EXT3 *TU-11* ATU-11-03-EXT3

2. End Cap Protector

TU-2 ATU-2-03-EC *TU-3* ATU-3-03-EC *TU-7* ATU-7-03-EC *TU-11* ATU-11-03-EC *TU-27* ATU-27-03-EC

3. Extended Reaction Tube

TU-2 ATU-2-03-ERT *TU-3* ATU-3-03-ERT *TU-7* ATU-7-03-ERT *TU-11* ATU-11-03-ERT *TU-27* ATU-27-03-ERT

4. Non-Push Through Square Drive

TU-2 TU-2-11C *TU-3* TU-3-11C *TU-7* TU-7-11C *TU-11* TU-11-11C

5. Direct Hex Drive Adaptor

TU-2 ATU-2-11-### *TU-3* ATU-3-11-### *TU-7* ATU-7-11-### *TU-11* ATU-11-11-### *TU-27* ATU-27-11-###

6. Housing Reaction Pad

TU-2 ARW-2 *TU-3* ARW-3 *TU-7* ARW-7

7. Tool Carrying Handle

All Tools ACC-TCH-8



TU SERIES Technical and Dimensional Data (Imperial/Metric)

	TU-2		TU-3		TU-7		TU-11		TU-27		TU-60	
SQUARE DRIVE	3/4"		1"		1 1/2"		1 1/2"		2 1/2"		2 1/2"	
MIN TORQUE(Ft/lbs)	127		330		740		1100		2720		5800	
MAX TORQUE(Ft/lbs)	1270		3330		7400		11010		27200		58000	
MIN TORQUE(Nm)	172		447		1003		1491		3687		7862	
MAX TORQUE(Nm)	1722		4514		10031		14925		36872		78625	
OUTPUT ACCURACY	+/- 3%		+/- 3%		+/- 3%		+/- 3%		+/- 3%		+/- 3%	
REPEATABILITY	100%		100%		100%		100%		100%		100%	
DUTY CYCLE	100%		100%		100%		100%		100%		100%	
TOOL WEIGHT(lbs)	3.9		9		19		29		70		130	
TOOL WEIGHT(Kg)	1		4		8		13		31		58	
HEIGHT	4.20	106.7	5.30	134.6	7.14	181.4	7.81	198.4	10.19	258.8	11.50	292.1
LENGTH 1	4.82	122.4	6.20	157.5	8.45	214.6	9.25	235.0	12.32	321.9	15.38	390.7
LENGTH 2	6.34	161.0	8.20	208.3	11.19	284.2	12.25	311.2	16.33	414.8	20.40	518.2
RADIUS	0.98	24.9	1.29	32.8	1.75	44.5	1.91	48.5	2.46	62.5	3.10	78.7
WIDTH 1	2.00	50.8	2.63	66.8	3.61	91.7	3.95	100.3	5.26	133.6	6.58	167.1
WIDTH 2	2.79	70.9	3.68	93.5	5.06	128.5	5.43	137.9	7.57	192.3	8.89	225.8
WIDTH 3	4.42	112.3	5.81	147.6	7.98	202.7	8.72	221.5	11.63	295.4	14.29	363.0