

TF Series

Square drive hydraulic torque wrench

Atlas Copco TF Series of hydraulic wrench, offers high torque output, reliability and increase in efficiencies.

Monobloc aluminium housing

High Strength, Lightweight Housing:
Designed to give superior rigidity and strength resulting in excellent torque to weight ratio and durability.
Housing has multiple docking points for support handle.

Co-Axial Hose and Coupling

The launch of the Co-Axial coupling and hose system is an innovative solution to increase productivity and reduce fatigue of operator.
Optional Traditional Twin Swivel version available.

Retained Reaction Arm

Prevents drop hazard and provides right first time reaction arm positioning.

Reaction Pawl

Reduces operator intervention and increases tightening speed.

Ergonomic Support Handle

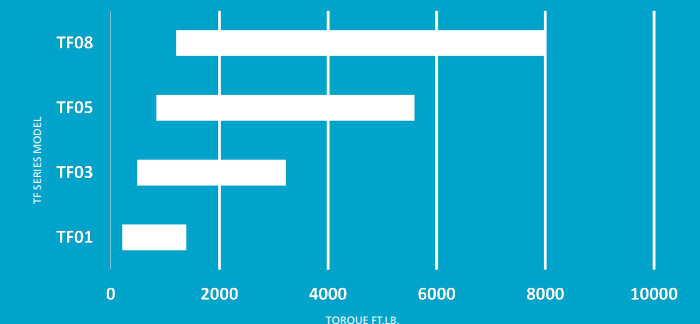
Multiple attachment points and quick rotational adjustment improves operator safety.

High strength steel boot

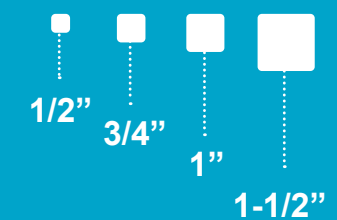
The reaction arm integral hazard warning stripes comes standard.

Square Drive with Integrated Retainer

Single piece, quick change square drive prevents drop hazards and accidental loss of separate retainer.



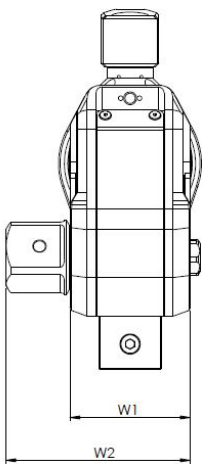
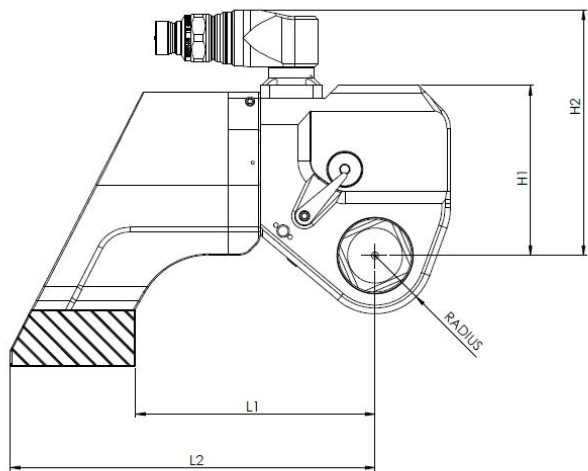
Square Drive Sizes



TF Series technical information



Model	Square Drive	Torque						Ordering No Co-axial/Twin
		ft. lb.		Nm		Weight		
		min	max	min	max	lb	kg	
TF01	3/4	209	1390	283	1885	6.06 / 6.44	2.75 / 2.92	8434 2406 05 / 8434 2410 15
TF03	1	485	3230	657	4379	12.06 / 12.43	5.47 / 5.64	8434 2409 95 / 8434 2409 94
TF05	1-1/2	839	5590	1137	7579	20.3 / 20.68	9.21 / 9.38	8434 2411 16 / 8434 2411 17
TF08	1-1/2	1200	8000	1627	10847	27.23 / 27.26	12.35 / 12.52	8434 2411 49 / 8434 2411 50

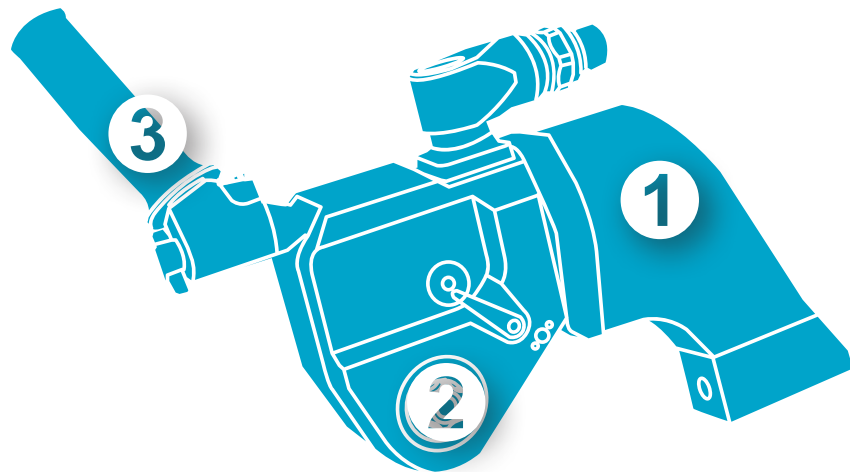


Model	Dimensions													
	L1		L2		H1		H2*		Radius		W1		W2	
	in	mm	in	mm	in	mm	in	mm	in	mm	in		in	mm
TF01	3.98	101	6.18	157	3.03	77	4.97 / 4.79	126 / 122	0.97	24.7	1.97	50	2.87	73
TF03	4.96	126	8.03	204	3.82	97	5.82 / 5.64	148 / 143	1.29	32.8	2.64	67	3.7	94
TF05	6.34	161	9.69	246	4.51	114.5	6.51 / 6.32	165 / 161	1.54	39.1	3.15	80	4.84	123
TF08	6.73	171	10.91	277	4.96	126.1	6.97 / 6.78	177 / 172	1.76	44.6	3.58	91	5.12	130

Designs and specifications are subject to change without notice or obligation. Read all safety instructions in the manual before usage.

*Values seperated by slash are for
model variants: Co-axial / Twin

TF Series standard setup



All TF wrenches are provided with the following equipment as standard:

- 1. Adjustable Retained Reaction Arm
- 2. Square Drive with Integrated Retainer for use with impact sockets.
- 3. Fully Adjustable Ergonomic Support Handle
- 4. Peli-case style packaging and custom foam.

Use high quality impact sockets

Hydraulic wrenches in TF Series offer extremely high torque output. Excellent power to weight ratio and range of 4 models covering torque from 283 – 10847 Nm (209 - 8000 Ft. lb.).

TFX Series

Low profile hydraulic torque wrench

Atlas Copco TFX Series Low Profile Hydraulic Torque Wrenches eliminate problems with tight clearances, whilst increasing user efficiencies.



Powerhead

Made from aircraft grade alloy for optimum strength to weight ratio.
Can be used with legacy ratchet links..

Co-Axial Hose and Coupling

The launch of the Co-Axial coupling and hose system is an innovative solution to increase productivity and reduce fatigue of operator
Optional Traditional Twin Swivel version available.

Interchangeable Ratchet Link

Made from premium alloy steel for maximum durability.
Can be used with legacy Powerheads..

Reaction pawl

Reduces operator intervention and increases tightening speed.

Retained Link Pin

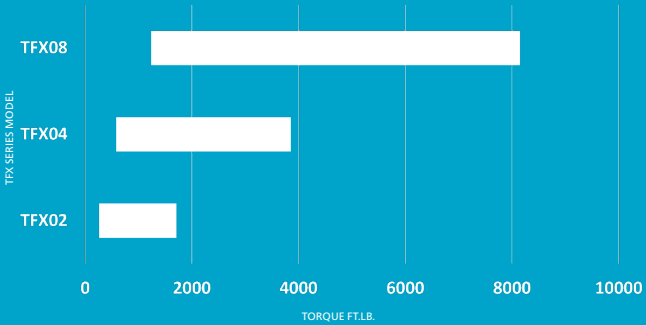
Patented design eliminates drop hazard and prevents accidental pin disengagement

Thin Nose Radius

The use of premium grade steel allows the ratchet links to be optimised to allow fit onto low clearance applications .

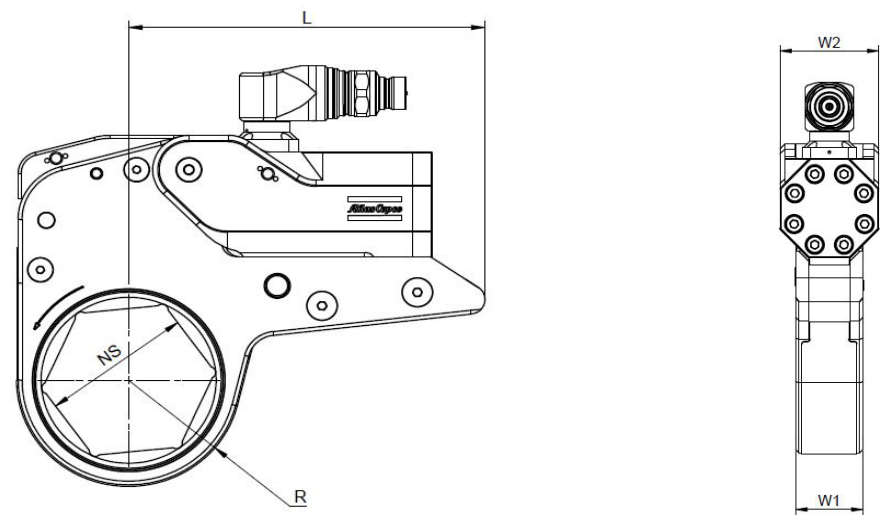
Support Handle

Each Powerhead is supplied with an Ergonomic Support Handle



Ranges from 3/4" to 3-7/8"
19mm to 100mm AF

TFX Series technical information



Model	Dimensions					
	L		W1		W2	
	in	mm	in	mm	in	mm
TFX02	5.49	140	1.26	32	1.81	46
TFX04	7.5	191	1.68	43	2.40	61
TFX08	9.24	235	2.08	53	3.07	78

Model	Ratchet Link Hex Size*		Torque Range		Weight (Powerhead Only)		Ordering No. Co-Axial/Twin
	in	mm	ft.lb.	Nm	lb	kg	
TFX02	3/4" – 2-9/16"	15-65	257-1710	348-2318	2.47 / 2.89	1.12 / 1.31	8434 2406 68 / 8434 2419 75
TFX04	7/8" - 3-1/8"	15-80	579-3855	784-5227	4.32 / 4.72	1.96 / 2.14	8434 2411 47 / 8434 2419 76
TFX08	1 1/8" - 3 7/8"	36-100	1223-8151	1658-11051	7.25 / 7.63	3.29 / 3.46	8434 2417 87 / 8434 2420 70

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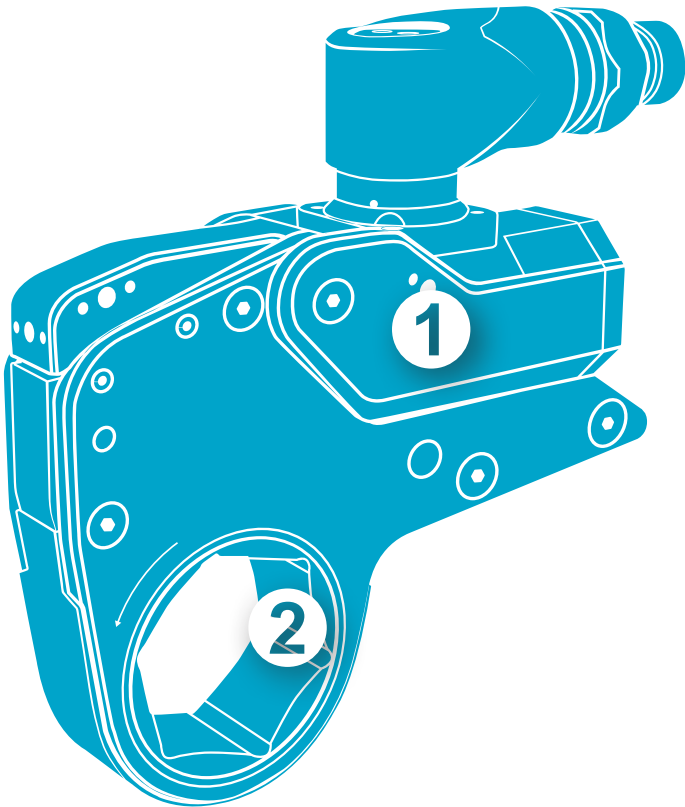
Choosing your TFX series hydraulic torque wrench

1

- TFX Powerhead**
All TFX Powerheads are provided with the following equipment as standard:
- 1. Fully Adjustable Ergonomic Support Handle
 - 2. Retaining Pin for legacy Ratchet Links
 - 3. Peli-style packaging and custom foam.

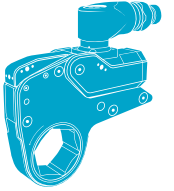
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TL Direct Fit Ratchet Links
Choose the Across Flat Hex link size needed for your application. Also supplied with a Peli-style packaging and custom foam.



Wide range of ratchet links designed to suit low clearance applications with a range of 3 power heads, torque ouputs from 348 – 11051 Nm (257 – 8151 ft. lb).

Contact your local sales office for any special design or tool fit requirements.



TFX02 / TFX04 / TFX08 Ratchet link sizes

Use the following link sizes with TFX02 - TFX08.

Nominal Inch	Hexagon A/F Metric	Link Ref.	Model	Nose Radius 'R' [in] (Decimal)	Nose Radius 'R' [mm] (Decimal)	PTD Ordering No.
1 1/16	27	#1	TL02-101/27MM	1.04	26.3	8434 2417 63
1 1/4	32	#2	TL02-104/32MM	1.12	28.4	8434 2417 64
1 7/16	36	#3	TL02-107/36MM	1.22	31	8434 2417 65
1 5/8	41	#4	TL02-110/41MM	1.33	33.8	8434 2417 66
1 13/16	46	#5	TL02-113/46MM	1.44	36.5	8434 2417 67
	50	#6	TL02-50MM	1.55	39.3	8434 2418 02
2	51	#6	TL02-200	1.55	39.3	8434 2417 68
2 3/16	55	#7	TL02-203/55MM	1.66	42.1	8434 2417 69
2 3/8	60	#8	TL02-206/60MM	1.77	44.9	8434 2417 70
1 7/16	36	#1	TL04-107/36MM	1.34	33.9	8434 2417 71
1 5/8	41	#2	TL04-110/41MM	1.44	36.7	8434 2417 72
1 13/16	46	#3	TL04-113/46MM	1.55	39.4	8434 2417 73
	50	#4	TL04-50MM	1.66	42.2	8434 2420 72
2	51	#4	TL04-200	1.66	42.2	8434 2417 74
2 3/16	55	#5	TL04-203/55MM	1.77	45	8434 2417 75
2 3/8	60	#6	TL04-206/60MM	1.88	47.8	8434 2417 76
2 9/16	65	#7	TL04-209/65MM	1.99	50.6	8434 2417 77
2 3/4	70	#8	TL04-212/70MM	2.1	53.4	8434 2417 78
2 15/16	75	#9	TL04-215/75MM	2.22	56.3	8434 2417 79
3 1/8	80	#10	TL04-302/80MM	2.33	59.2	8434 2417 80
	50	#1	TL08-50MM	1.78	45.1	8434 2418 05
2	51	#1	TL08-200	1.78	45.1	8434 2418 04
2 3/16	55	#2	TL08-203/55MM	1.89	47.9	8434 2418 06
2 3/8	60	#3	TL08-206/60MM	2	50.7	8434 2418 07
2 9/16	65	#4	TL08-209/65MM	2.11	53.5	8434 2418 08
2 3/4	70	#5	TL08-212/70MM	2.22	56.3	8434 2418 09
2 15/16	75	#6	TL08-215/75MM	2.33	59.2	8434 2418 10
3 1/8	80	#7	TL08-302/80MM	2.44	62.1	8434 2418 11
3 11/32	85	#8	TL08-85MM	2.57	65.2	8434 2418 12
3 1/2	89	#9	TL08-308	2.67	67.9	8434 2418 13
3 35/64	90	#9	TL08-90MM	2.67	67.9	8434 2418 14
3 3/4	95	#10	TL08-312/95MM	2.8	71	8434 2418 15
3 7/8	98.4	#11	TL08-314	2.9	73.7	8434 2418 16
3 15/16	100	#11	TL08-100MM	2.9	73.7	8434 2418 17

Additional ratchet link sizes available upon request