

TTf and TTfth Wrenches

- Accuracy: $\pm 3\%$ of reading exceeds all international standards for torque wrenches. Each wrench is supplied with a traceable calibration certificate.
- Micrometer scale for simple and error free setting. (On dual scale wrenches, the micrometer increment applies to the N.m scale.)
- Quick and light adjustment: adjustment over the entire scale can be achieved with minimal effort in approximately ten complete turns (exact number varies by model).
- Adjustment lock: all models feature a lock to prevent accidental adjustment of the set torque.
- Comfortable, durable handle: the handle is constructed using two materials: a base material for strength overlaid with a soft feel grip for comfort and slip resistance. The handle material and lens resist chemicals in common usage in the automotive, aviation and industrial environments.



Fixed Head Adjustables - Dual Scale

Model	Square Drive	Part No.	Range		Resolution	Length	Weight
	in		N.m	lbf.ft	N.m	mm	Kg
TTf20	$\frac{3}{8}$	I3550	1 - 20	10 - 180*	0.05	224	0.4
TTf60	$\frac{3}{8}$	I3685	12 - 60	10 - 45	0.25	337	0.8
TTf100	$\frac{3}{8}$	I3552	20 - 100	15 - 75	0.5	388	1
TTf100	$\frac{1}{2}$	I3553	20 - 100	15 - 75	0.5	388	1
TTf150	$\frac{1}{2}$	I3554	30 - 150	20 - 110	0.5	440	1
TTf200	$\frac{1}{2}$	I3555	40 - 200	30 - 150	1.0	490	1.1
TTf250	$\frac{1}{2}$	I3556	50 - 250	40 - 185	1.0	540	1.2
TTf300	$\frac{1}{2}$	I3557	60 - 300	45 - 220	1.0	590	1.4

*lbf.in N.m only and lbf.ft only versions are available, contact Norbar for details.



Fixed Head (TTf)

Female Ended Adjustables - Dual Scale

Model	End Fitting	Part No.	Range		Resolution	Length	Weight
	mm		N.m	lbf.ft	N.m	mm	Kg
TTfth20	9 x 12	I3600	1 - 20	10 - 180*	0.05	214	0.4
TTfth50	9 x 12	I3666	10 - 50	8 - 35	0.1	310	0.6
TTfth60	9 x 12	I3667	12 - 60	10 - 45	0.25	322	1
TTfth100	9 x 12	I3603	20 - 100	15 - 75	0.5	386	1
TTfth150	9 x 12	I3604	30 - 150	20 - 110	0.5	440	1
TTfth200	9 x 12	I3605	40 - 200	30 - 150	1.0	490	1.1
TTfth200	14 x 18	I3606	40 - 200	30 - 150	1.0	490	1.1
TTfth250	14 x 18	I3607	50 - 250	40 - 185	1.0	540	1.2
TTfth300	14 x 18	I3608	60 - 300	45 - 220	1.0	590	1.4

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Female Torque Handle (TTfth)