

TORQOMETER® Torque Wrenches **Torque**



TE50FUA



TE175L



U.S. Reading - Standard 2% Accuracy

Square Drive, inches	Basic Models	Follow up Models	Signal Models	Range	Increments	Length, inches	Width, inches	Head* Depth, inches	Storage Case
1/4	TE1A	TE1FUA	—	15 in. lb.	1/4 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TE3A	TE3FUA	—	30 in. lb.	1/2 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TE6A	TE6FUA	—	75 in. lb.	1 in. lb.	9 29/32	2 11/16	1 1/4	PB9
3/8	TE12A	TE12FUA	TE12LA	150 in. lb.	2 1/2 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TE25A	TE25FUA	TE25LA	300 in. lb.	5 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TE50A	TE50FUA	TE50LA	600 in. lb.	10 in. lb.	12 1/2	2 11/16	1 1/4	PB9
	TE12FA	TE12FFUA	TE12FLA	12 ft. lb.	1/2 ft. lb.	9 29/32	2 11/16	1 1/4	PB9
	TE25FA	TE25FFUA	TE25FLA	25 ft. lb.	1/2 ft. lb.	9 29/32	2 11/16	1 1/4	PB9
	TE50FA	TE50FFUA	TE50FLA	50 ft. lb.	1 ft. lb.	12 1/2	2 11/16	1 1/4	PB9
1/2	TE51	TE51FU	TE51L	600 in. lb.	10 in. lb.	15	2 11/16	1 9/16	—
	TE51F	TE51FFU	TE51FL	50 ft. lb.	1 ft. lb.	15	2 11/16	1 9/16	—
	TE100	TE100FU	TE100L	100 ft. lb.	1 ft. lb.	16	2 3/4	1 3/8	PBR5
	TE175	TE175FU	TE175L	175 ft. lb.	2 1/2 ft. lb.	18 3/4	2 3/4	1 3/8	PBR5
	TE250	TE250FU	TE250L	250 ft. lb.	5 ft. lb.	23 3/4	2 3/4	1 3/8	PB8A
3/4	TE352A	TE352FUA	TE352LA	350 ft. lb.	5 ft. lb.	29 7/8	3 1/4	1 25/32	—
	TE602A	TE602FUA	TE602LA	600 ft. lb.	10 ft. lb.	40 1/8	3 1/4	1 25/32	PB39
1	TE803**	TE803FU**	TE803L**	800 ft. lb.	10 ft. lb.	66 13/16	3 9/16	2 1/32	—
	TE1003**	TE1003FU**	TE1003L**	1000 ft. lb.	10 ft. lb.	66 13/16	3 9/16	2 1/32	—
	TE1503†	TE1503FU†	TE1503L†	1500 ft. lb.	25 ft. lb.	80	4 13/32	2 1/8	—
	TE2003†	TE2003FU†	TE2003L†	2000 ft. lb.	25 ft. lb.	80	4 13/32	2 1/8	—
1 1/2	TE2005†	TE2005FU†	TE2005L†	2000 ft. lb.	25 ft. lb.	80	3 9/16	2 3/8	—
	TE3005†	TE3005FU	TE3005L	3000 ft. lb.	50 ft. lb.	140	5 1/2	2 13/16	—



TES175



TES175L

Newton Meter Reading - Standard 2% Accuracy

Square Drive, inches	Basic Models	Follow-up Models	Signal Models	Range, N•m	Increments, N•m	Length, inches	Width, inches	Head* Depth, inches	Storage Case
1/4	TESI5	TESI5FU	TESI5L	5	.2	9 29/32	2 11/16	1 1/4	PB9
	TESI10	TESI10FU	TESI10L	10	.5	9 29/32	2 11/16	1 1/4	PB9
3/8	TESI20	TESI20FU	TESI20L	20	.5	9 29/32	2 11/16	1 1/4	PB9
	TESI30	TESI30FU	TESI30L	30	1	9 29/32	2 11/16	1 1/4	PB9
	TESI60	TESI60FU	TESI60L	60	2	12 1/2	2 11/16	1 1/4	PB9
	TESI70	TESI70FU	TESI70L	70	2	12 1/2	2 11/16	1 1/4	PB9
	TESI75	TESI75FU	TESI75L	75	1	12 1/2	2 11/16	1 1/4	PB9
	TESI125	TESI125FU	TESI125L	125	5	16	2 11/16	1 3/8	PBR5
1/2	TESI200	TESI200FU	TESI200L	200	5	18 3/4	2 3/4	1 3/8	PBR5
	TESI250	TESI250FU	TESI250L	250	5	18 3/4	2 3/4	1 3/8	PBR5
	TESI500A	TESI500FUA	TESI500LA	500	10	29 7/8	3 1/4	1 25/32	PB39
3/4	TESI800A	TESI800FUA	TESI800LA	800	20	40 7/8	3 1/4	1 25/32	PB39
	TESI1360**	TESI1360FU**	TESI1360L**	1360	20	66 13/16	3 9/16	2 1/32	—
1	—	TESI2803FU†	TESI2803L†	2800	50	80	4 13/32	2 1/8	—
	TESI2805†	—	—	2800	50	80	4 25/32	2 3/8	—
1 1/2	—	TESI4000FU	TESI4000L	4000	100	140	5 1/2	2 13/16	—

*Does not include square drive dimension.

**Includes separately packed 92TQPA 4' tubular extension handle.

†Includes separately packed 93TQPA 5' tubular extension handle.

Guaranteed Accuracy:

Standard 2% models are accurate within ±2% of the reading from 20% of full scale to full scale clockwise and counterclockwise.



WARNING

- Do not exceed rated torque.
- Do not use to break fasteners loose.
- Do not force head against flex stops.
- Frequently inspect, clean, and lubricate ratchet mechanism with light oil.



- Periodic recalibration is necessary to maintain accuracy of any torque wrench. Recalibrate every 6 months or more frequently depending on use.
- Read additional safety precautions on pages 534 to 537.

Torque TORQOMETER® Torque Wrenches

TER175



TER175L

Combination U.S./Newton Meter Reading - Precise 1% Accuracy

Sq. Dr. in.	Basic Models	Follow up Models	Signal Models	N•m Range	N•m Increments	U.S. Range	U.S. Increments	Length, inches	Width, inches	Head* Depth, inches	Storage Case
1/4	TER1A	TER1FUA	—	1.7 N•m	.05 N•m	15 in. lb.	.5 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TER3A	TER3FUA	—	3.5 N•m	0.1 N•m	30 in. lb.	1 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TER6A	TER6FUA	—	8.4 N•m	0.2 N•m	75 in. lb.	1 in. lb.	9 29/32	2 11/16	1 1/4	PB9
3/8	TER12A	TER12FUA	TER12LA	17 N•m	.5 N•m	150 in. lb.	5 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TER25A	TER25FUA	TER25LA	320 N•cm	50 N•cm	300 in. lb.	5 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TER50A	TER50FUA	TER50LA	60 N•m	1 N•m	600 in. lb.	20 in. lb.	12 1/2	2 11/16	1 1/4	PB9
1/2	TER51	TER51FU	TER51L	60 N•m	1 N•m	600 in. lb.	20 in. lb.	15	2 11/16	1 5/16	—
	TER100	TER100FU	TER100L	140 N•m	5 N•m	100 ft. lb.	2 ft. lb.	16	2 3/4	1 3/8	PBR5
	TER175	TER175FU	TER175L	230 N•m	10 N•m	175 ft. lb.	5 ft. lb.	18 3/4	2 3/4	1 3/8	PBR5
	TER250	—	TER250L	340 N•m	10 N•m	250 ft. lb.	10 ft. lb.	23 3/4	2 3/4	1 3/8	PB8A
	TER352A	TER352FUA	TER352LA	480 N•m	10 N•m	350 ft. lb.	5 ft. lb.	29 7/8	3 1/4	1 3/8	PB39
3/4	TER602A	TER602FUA	TER602LA	800 N•m	20 N•m	600 ft. lb.	20 ft. lb.	40 7/8	3 1/4	1 25/32	PB39
1	TER1003**	TER1003FU**	TER1003L**	1360 N•m	20 N•m	1000 ft. lb.	20 ft. lb.	66 13/16	3 9/16	2 1/32	—



TEC175



TEC175L

Combination U.S./Metric Reading - Standard 2% Accuracy

Sq. Dr. in.	Basic Models	Follow up Models	Signal Models	Metric Range	Metric Increments	U.S. Range	U.S. Increments	Length, inches	Width, inches	Head* Depth, inches	Storage Case
1/4	TEC1A	TEC1FUA	—	16 kg•cm	1 kg•cm	15 in. lb.	.5 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TEC3A	TEC3FUA	—	35 kg•cm	1 kg•cm	30 in. lb.	1 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TEC6A	TEC6FUA	—	90 kg•cm	2.5 kg•cm	75 in. lb.	1 in. lb.	9 29/32	2 11/16	1 1/4	PB9
3/8	TEC12A	TEC12FUA	TEC12LA	175 kg•cm	5 kg•cm	150 in. lb.	5 in. lb.	9 29/32	2 11/16	1 1/4	PB9
	TEC25FA	TEC25FFUA	TEC25FLA	350 kg•cm	10 kg•cm	25 ft. lb.	1 ft. lb.	9 29/32	2 11/16	1 1/4	PB9
	TEC50A	TEC50FUA	TEC50LA	700 kg•cm	20 kg•cm	600 in. lb.	20 in. lb.	12 1/2	2 11/16	1 1/4	PB9
1/2	TEC51	TEC51FU	TEC51L	700 kg•cm	20 kg•cm	600 in. lb.	20 in. lb.	15	2 11/16	1 5/16	—
	TEC100	TEC100FU	TEC100L	14 kg•m	.5 kg•m	100 ft. lb.	2 ft. lb.	16	2 3/4	1 3/8	PBR5
	TEC175	TEC175FU	TEC175L	25 kg•m	1 kg•m	175 ft. lb.	5 ft. lb.	18 3/4	2 3/4	1 3/8	PBR5
	TEC250	TEC250FU	TEC250L	35 kg•m	1 kg•m	250 ft. lb.	10 ft. lb.	23 3/4	2 3/4	1 3/8	PB8A
	TEC352A	TEC352FUA	TEC352LA	50 kg•m	1 kg•m	350 ft. lb.	10 ft. lb.	29 7/8	3 1/4	1 25/32	PB39
3/4	TEC602A	TEC602FUA	TEC602LA	80 kg•m	2 kg•m	600 ft. lb.	20 ft. lb.	40 7/8	3 1/4	1 25/32	PB39
1	TEC803**	TEC803FU**	TEC803L**	110 kg•m	2 kg•m	800 ft. lb.	25 ft. lb.	66 13/16	3 9/16	2 1/32	—
	—	TEC1003FU**	TEC1003L**	136 kg•m	2 kg•m	1000 ft. lb.	20 ft. lb.	66 13/16	3 9/16	2 1/32	—
	—	TEC1503FU†	TEC1503L†	200 kg•m	5 kg•m	1500 ft. lb.	25 ft. lb.	80	4 13/32	2 1/8	—
	—	TEC2003FU†	TEC2003L†	280 kg•m	5 kg•m	2000 ft. lb.	50 ft. lb.	80	4 13/32	2 1/8	—
1 1/2	TEC2005†	TEC2005FU†	TEC2005L†	280 kg•m	5 kg•m	2000 ft. lb.	50 ft. lb.	80	4 13/32	2 3/8	—
	—	TEC3005FU	TEC3005L	400 kg•m	5 kg•m	3000 ft. lb.	50 ft. lb.	140	5 1/2	2 13/16	—

*Does not include square drive dimension.

**Includes separately packed 92TQPA 4" tubular extension handle.

†Includes separately packed 93TQPA 5" tubular extension handle.

Guaranteed Accuracy:

Precise 1% models are accurate within $\pm 1\%$ of the reading from 20% of full scale to full scale clockwise and counterclockwise.

Standard 2% models are accurate within $\pm 2\%$ of the reading from 20% of full scale to full scale clockwise and counterclockwise.

All Snap-on® Torque Wrenches, Drivers and Testers are provided with a Certificate of Calibration. All wrenches and drivers are calibrated per ASME B-107-14 and ISO 6789 Standards for Accuracy, from 20% to 100% of full scale, using NIST traceable equipment.

T-Handle TORQOMETER® Torque Wrenches **Torque**



TEX602TLA



TEXC2003TFU



85TQP

U.S. Reading Standard 2% Accuracy

Input Drive Female Sq., in.	Output Drive Male Sq., in.	Follow up Models	Light Signal Models	U.S. Range, ft. lb.	U.S. Increments, ft. lb.	Metric Range, kg•m	Metric Increments, kg•m	Length, inches	Width, inches	Head Depth, inches	"T" Bars	Optional "T" Bars/ Extension Handles Length inches	Ext. inches	Length inches
3/4	3/4	TEX602TFUA	TEX602TLA	600	10	—	—	9	3 1/4	3 3/4	79TQP	45	—	—
3/4	1	TEX1003TFUA	TEX1003TLA	1000	10	—	—	9 7/8	3 5/8	4 1/8	81TQP	66	—	—
1	1	—	TEX2003TL	2000	25	—	—	10 7/8	4 5/8	4 7/16	82TQP	18	85TQP	31
1	1 1/2	TEX2005TFU	—	2000	25	—	—	10 7/8	4 3/8	4 7/16	82TQP	18	85TQP	31

Combination U.S./Metric Reading

3/4	3/4	TEXC602TFUA	TEXC602TLA	600	20	80	2	9	3 1/4	3 3/4	79TQP	45	—	—
3/4	1	TEXC1003TFUA	TEXC1003TLA	1000	20	136	2	9 7/8	3 5/8	4 1/8	81TQP	66	—	—
1	1	TEXC2003TFU	TEXC2003TL	2000	50	280	5	10 7/8	4 3/8	4 7/16	82TQP	18	85TQP	31

TORQOMETER® Torque Drivers - 1/4" Drive



TQSC4FUA



TQSSC4FUA

U.S. Reading Standard 2% Accuracy

Standard Basic Models	Standard Follow up Models	Length, inches	Stubby Basic Models	Stubby Follow up Models	Length, inches	Range	Increments
TQS025A	TQS025FUA	7 3/4	TQSS025A	TQSS025FUA	5 1/4	48 in. oz./3 in. lb.	1 in. oz./ 1/16 in. lb.
TQS050A	TQS050FUA	7 3/4	TQSS050A	TQSS050FUA	5 1/4	96 in. oz./6 in. lb.	2 in. oz./ 1/8 in. lb.
TQS1A	TQS1FUA	7 3/4	TQSS1A	TQSS1FUA	5 1/4	192 in. oz./12 in. lb.	4 in. oz./ 1/4 in. lb.
TQS2A	TQS2FUA	7 3/4	TQSS2A	TQSS2FUA	5 1/4	384 in. oz./24 in. lb.	8 in. oz./ 1/2 in. lb.
TQS2.5A	TQS2.5FUA	7 3/4	TQSS2.5A	TQSS2.5FUA	5 1/4	480 in. oz./30 in. lb.	12 in. oz./1 in. lb.
TQS4A*	TQS4FUA*	8 11/16	TQSS4A*	TQSS4FUA*	5 1/4	50 in. lb.	1 in. lb.
TQS6A*	TQS6FUA*	8 11/16	TQSS6A*	TQSS6FUA*	5 1/4	75 in. lb.	1 in. lb.

Combination U.S./Metric Reading - Standard 2% Accuracy

—	TQSC1FUA	7 3/4	—	TQSSC1FUA	5 1/4	17 kg•cm/15 in. lb.	.5 kg•cm/.5 in. lb.
—	TQSC2.5FUA	7 3/4	—	TQSSC2.5FUA	5 1/4	35 kg•cm/30 in. lb.	1 kg•cm/1 in. lb.
—	TQSC4FUA*	8 11/16	—	TQSSC4FUA*	5 1/4	56 kg•cm/50 in. lb.	2 kg•cm/2 in. lb.
—	TQSC6FUA	—	—	TQSSC6FUA*	5 1/4	90 kg•cm/75 in. lb.	3 kg•cm/5 in. lb.

Combination U.S./Newton Meter Reading - Standard 2% Accuracy**

—	TQSR1FUA	7 3/4	—	—	—	160 N•cm/15 in. lb.	5 N•cm/.25 in. lb.
—	TQSR2.5FUA	7 3/4	—	—	—	3.4 N•m/30 in. lb.	.1 N•m/1 in. lb.
—	TQSR4FUA*	8 11/16	—	—	—	550 N•cm/50 in. lb.	10 N•m/1 in. lb.
—	TQSR6FUA*	8 11/16	—	—	—	8.4 N•m/75 in. lb.	.2 N•m/5 in. lb.

All drivers come in PB47 Plastic Case.

*Includes 1/4" internal square drive in handle.

** Precise 1% models are available on special order.

ANSI Spec. B107.14M-2004 applies to all these models.

Torque Angle Gauges

TA358 Torque Angle Gauge

Gauge determines angle controlled torque tightening. Allows user to follow manufacturer's specifications calling for fasteners to be tightened after torque loads are applied. Use on automotive, diesel and industrial equipment plus head bolts and rod bolts on motorcycles. 3/8" square drive.

TA362 Torque Angle Gauge

Allows you to follow manufacturer's specifications calling for fasteners to be tightened after torque loads are applied. Calibrated in degrees in large, easy-to-read increments. 3/4" square drive.

TA360. Similar to TA362 above except 1/2" square drive.



TA362

RELATED ITEMS

TechAngle™ Wrench, pg 292



WARNING

- Do not exceed rated torque.
- Do not use to break fasteners loose.
- Periodic recalibration is necessary to maintain accuracy of any torque wrench. Recalibrate every 6 months or more frequently depending on use.
- Read additional safety precautions on pages 534 to 537.

