



Static Torque Transducers – TT / QC

Highly accurate torque sensors with integrated mounting flange. Optional signal cable R10293 is required for connection to DTT System 8 or Switchbox (except *).

Series TT / TT-P

This series can be mounted on the ML-250 and ML-600 Mechanical Loader. Up to 250 lbf-ft, the optional 4-way „Quad-Plate“ swivel plate can also be used. On mobile test trolleys or stationary

workbenches, the small models up to 300 lbf-in can be mounted on angle brackets STMB, the large sensors (from 500 lbf-ft) can be mounted on UMB.

Series QC

The „Quick Connect“ connection makes these torque transducers particularly suitable for use with our EC calibration system. When used with the Mechanical Loader, the DTT System 8 readout device

is provided as an indicator.

The QC connection system significantly speeds up the replacement of transducers. Ideal when torque tools with different ranges are to be tested. It's a matter of seconds!

The two large models of the TT-QC torque transducers are designed for use on the ML-1000 or ML-2000 in conjunction with the DTT System 8 measuring device.

Both torque transducers have a permanently installed signal cable with 19-pin Amphenol connector.

Series TT-L

These have an L-shaped mounting flange and can be mounted either horizontally or vertically. The DTT System 8 torque indicator serves as the readout device.

TT / TT-P

Model	Item No.	Torque Range							HxD inch	SqD inch
		ozf-in	lbf-in	lbf-ft	cN·m	N·m	kgf·cm	kgf·m		
TT 25io*	R10009	2.5 - 25	–	–	1.8 - 17	–	0.18 - 1.8	–	1/4	–
TT 100io*	R10011	10 - 100	–	–	7 - 70	–	0.5 - 5	–	1/4	–
TT 250io*	R10012	25 - 250	–	–	18 - 176	–	1.8 - 18	–	1/4	–
TT 400io*	R10013	40 - 400	–	–	28 - 282	–	2.9 - 28	–	1/4	–
TT 100i	R10015	–	10 - 100	–	–	1.1 - 11	11 - 115	–	1/4	–
TT-P 50i	R10286	–	5 - 50	–	56 - 565	0.6 - 5.6	5.7 - 57	–	1/4	–
TT-P 100i	R10287	–	10 - 100	–	–	1.1 - 11	11 - 115	–	3/8	–
TT-P 300i	R10288	–	30 - 300	–	–	3.4 - 34	34 - 345	–	3/8	–
TT-P 80	R10289	–	–	8 - 80	–	11 - 108	–	1.1 - 11	–	1/2
TT-P 150	R10290	–	–	15 - 150	–	20 - 203	–	2.1 - 20	–	1/2
TT-P 250	R10291	–	–	25 - 250	–	34 - 339	–	3.5 - 34	–	3/4
TT-P 600	R10292	–	–	60 - 600	–	81 - 813	–	8.3 - 83	–	3/4
TT 1000*	R10026	–	–	100 - 1000	–	135 - 1355	–	13.8 - 138	–	1
TT 2000*	R10027	–	–	200 - 2000	–	271 - 2711	–	27.7 - 276	–	1

TT-QC (quick connect)

Model	Item No.	Torque Range							HxD inch	SqD inch
		ozf-in	lbf-in	lbf-ft	cN·m	N·m	kgf·cm	kgf·m		
TT-QC 25io*	R10211	2.5 - 25	–	–	1.8 - 17	–	0.18 - 1.8	–	1/4	–
TT-QC 50i	R10301	–	5 - 50	–	56 - 565	0.6 - 5.6	5.7 - 57	–	1/4	–
TT-QC 100i	R10302	–	10 - 100	–	–	1.1 - 11	11.5 - 115	–	3/8	–
TT-QC 300i	R10303	–	30 - 300	–	–	3.4 - 34	34.5 - 345	–	3/8	–
TT-QC 80	R10304	–	–	8 - 80	–	11 - 108	–	1.1 - 11	–	1/2
TT-QC 150	R10305	–	–	15 - 150	–	20 - 203	–	2.1 - 20	–	1/2
TT-QC 250	R10306	–	–	25 - 250	–	34 - 339	–	3.5 - 34	–	3/4
TT-QC 600	R10307	–	–	60 - 600	–	81 - 813	–	8.3 - 83	–	3/4
TT-QC 1000*	R10209	–	–	100 - 1000	–	135 - 1355	–	13.8 - 138	–	1
TT-QC 2000*	R10210	–	–	200 - 2000	–	271 - 2711	–	27.6 - 276	–	1

TT-L

Model	Item No.	Torque Range							HxD inch	SqD inch
		ozf-in	lbf-in	lbf-ft	cN·m	N·m	kgf·cm	kgf·m		
TT-L 50i	R10258	–	5 - 50	–	56 - 565	0.6 - 5.6	5.7 - 57	–	1/4	–
TT-L 100i	R10259	–	10 - 100	–	–	1.1 - 11	11.5 - 115	–	3/8	–
TT-L 300i	R10260	–	30 - 300	–	–	3.4 - 34	34.5 - 345	–	3/8	–
TT-L 80	R10261	–	–	8 - 80	–	11 - 108	–	1.1 - 11	–	1/2
TT-L 150	R10262	–	–	15 - 150	–	20 - 203	–	2.1 - 20.7	–	1/2
TT-L 250	R10263	–	–	25 - 250	–	34 - 339	–	3.5 - 34.5	–	3/4
TT-L 600	R10264	–	–	60 - 600	–	81 - 813	–	8.3 - 83	–	3/4



Further information available on our website – 24/7.

For TT-L, TT-P and TT-QC an additional signal cable is required (# R10293), except for * incl. signal cable with 19 pin Amphenol plug to connect to Digital Torque Tester System 8 (# R10600) or Transducer Switch Box (# R10601).

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