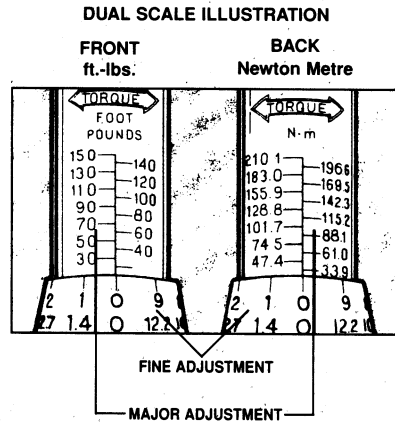
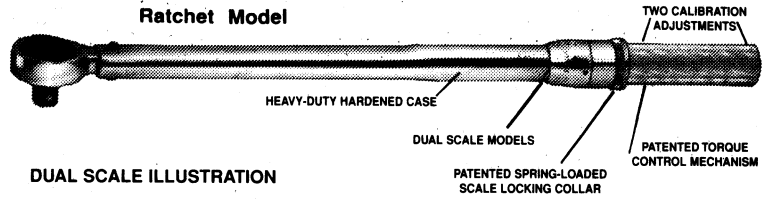


"CLICK" TYPE TORQUE SENSING WRENCHES

- Plain, Ratchet and Flex Head Models
- Drive Sizes: 1/4" through 3/4"
- Audible "click" and/or a few degrees of travel provide simple, fast indication of micrometer - accurate torque settings.
- Patented, low friction torque control mechanism produces accurate readings in either direction.
- Accuracy is ± 4% right hand (clockwise) and ± 6% left hand (counterclockwise) within upper 80% of scale.
- Two calibration adjustments (major and fine) permit easy and precise torque settings. Most conventional torque wrenches have only one adjustment.
- Dual scale models give readings in in.-lbs./Newton Metre or ft.-lbs./Newton Metre.
- Patented spring-loaded locking collar locks scale on desired reading and remains in locked position. Wrench cannot be left inadvertently unlocked.
- Heavy-duty, reversible ratchet models have quick-shift lever to allow easy single-hand shifting.
- Slim, lightweight design reduces fatigue and facilitates use in confined work areas.
- Store all adjustable models at their lowest torque setting.



Ratchet Head Models

in.-lb. Graduations

Drive Size (in.)	Catalog No.	Range		Graduations		Length (in.)	Weight (lb.)
		in.-lb.	Nm	in.-lb.	Nm		
1/4	TCl-150RA*	30-150	2.82-17.51	1	.12	9 1/2	.88
3/8	TCl-150RA-3/8*	30-150	2.82-17.51	1	.12	9 1/2	.88
3/8	TCl-750R	150-750	-	5	-	14 1/4	3.38
3/8	TCl-250R*	50-250	5.08-28.81	1	.12	12 1/2	3.00
1/2	TCl-750R-1/2	150-750	-	5	-	14 1/2	2.50
1/2	TCl-1600R	700-1600	-	10	-	18 1/2	2.50
3/4	TCl-7250R**	1450-7250	155.4-805.1	25	2.8	44	13.47

* Dual Scale Model: in.-lb. and Nm graduations.

ft.-lb. Graduations

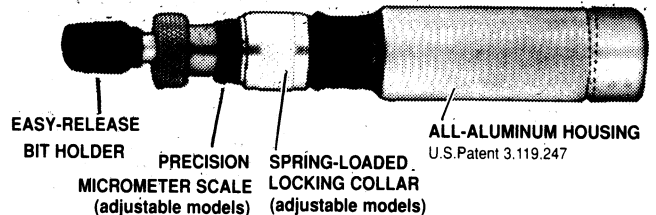
Drive Size (in.)	Catalog No.	Range		Graduations		Length (in.)	Weight (lb.)
		ft.-lb.	Nm	ft.-lb.	Nm		
3/8	TCl-75FRN*	15-75	17.0-105.1	5	1.4	14 1/4	2.06
1/2	TCl-150FRN**	30-150	33.9-210.1	1	1.4	18 1/2	3.13
1/2	TCl-150FRD*	30-150	33.9-210.1	1	1.4	18 1/2	2.84
1/2	TCl-250FRN*	50-250	61.0-345.7	1	1.4	21 1/2	3.50
3/4	TCl-600FRN**	120-600	149.1-827.1	2	2.7	44	13.47

* Dual Scale Model: ft.-lb. and Nm graduations. ▲ Heavy duty ratchet head model. † Calibrated right hand only

Torque Limiting Screwdrivers

Standard Models

- High reliability for precise tightening of small threaded fasteners. Ideal for higher torque applications in general electronic and computer assembly.
- Prevent over-torquing. When set torque is reached, screwdriver mechanism automatically freewheels to prevent further tightening.
- Standard product calibrated right hand only. Left hand calibration available by request.
- Choice of adjustable models with pre-precision micrometer scale or factory preset models.
- U.S. Standard or metric scales
- All aluminum housing is lightweight and durable.
- Precision micrometer scale (adjustable models) calibrated in inch-ounces or inch-pounds. Metric models: cm-kg.
- Spring-loaded locking collar automatically locks in and maintains desired torque setting.
- Easy-release bit holders securely retain bits during operation while permitting easy removal.



- Anti-backlash design.
- Store adjustable models at lowest torque setting.
- Adjustable model accuracy is ±3% plus 1/2 increment of the setting, starting at 20% of full scale to full scale. Right hand only.

Adjustable Models

Catalog No.	Range	Increments	Hex Drive	Wt. (lb.)
U.S. Standard				
TS-100	2 to 100 in.-oz.	2 in.-oz.	1/4 Female	.50
TS-30	1 to 30 in.-lb.	1 in.-lb.	1/4 Female	.50
TS-35	1 to 36 in.-lb.	1 in.-lb.	1/4 Female	.50
Metric				
TS-30CM	2.5-30 cm-kg	.5 cm-kg	1/4 Female	.50