



DTC Series

Interchangeable Head Digital Torque and Angle Wrench



- Meets/exceeds ASME B107.300-2010 and ISO 6789 requirements
- Bi-directional +/- 2% Indicated Value from 20% to 100% of tool capacity.
- All torque and angle settings can be set using buttons on wrench or DTC Connect Freeware.
- Built around our traditional pin/spring Dovetail you have access to over 200 interchangeable heads.
- SDRT head included with wrench.
- Head length is adjustable via keypad. Uses 1 7/16" (36.5 mm) or 3 7/8" (98.4 mm) and maintains common centerline.
- Visible from any angle, light bands on both sides of the wrench turn yellow, then green, the wrench beeps, and the handle vibrates when target torque is achieved.
- Three AAA batteries included with wrench. Works with rechargeable NiMH, Lithium Ion, or alkaline batteries.
- Target, minimum, and maximum torque entered via wrench keypad or DTC Connect Freeware.
- Lockable settings (and presets), via 4-digit password.
- Torque units: in.lb., ft.lb., Nm, cNm, cmkg, mkg.

Five Modes of Operation:

- TAM (torque and angle monitoring – double hit protection and identifies changing joint conditions)
 - T2A (torque to angle – for highly engineered assemblies)
 - Track Mode (displays torque value as torque is applied. No angle measurement)
 - Residual (measures existing torque on previously tightened fasteners)
 - Peak (all torque, no angle measurement)
- 99 presets, numbered 01-99, optionally named via serial command with up to 16-character names.
 - Results log large enough for even the busiest assemblies. Download results in csv. format via mini-USB port.
 - New, smaller profile fits in more places with light-weight, rugged design.
 - Comes with free Certificate of Compliance from our ISO/IEC 17025 Accredited Laboratory.

Part No.	Model	Torque Capacity	Overall Length	Weight without head	Included Head
10680	DTC 4	50 in lb/5.6 Nm	13.88 in	1.04 lb	1/4" SDRT
10681	DTC 25	300 in lb/33.9 Nm	14.88 in	1.14 lb	3/8" SDRT
10682	DTC 75	900 in lb/101.7 Nm	16.5 in	1.29 lb	3/8" SDRT
10683	DTC 150	1800 in lb/203 Nm	19.75 in	1.55 lb	1/2" SDRT
10684	DTC 250	3000 in lb/338.9 Nm	27.68 in	2.18 lb	1/2" SDRT

All models come with our traditional Pin and Spring Dovetail which gives you access to using more than 200 SR one-piece, interchangeable heads. Wrenches calibrated for use with heads having 1 7/16" (36.5mm) common centerline. On request wrenches can be calibrated for 3 7/8" (98.4mm) centerline. The DTC can change the common centerline head length in the software setting and not have to recalibrate the tool.

NiMH Batteries rated 1400 mAh to 2400 mAh are acceptable. Higher mAh ratings mean more cycles between recharge and longer recharge times.

Unlike our other digital torque wrenches, the DTC can use alkaline, Ni-MH, or Lithium Ion batteries. Never mix types of batteries (e.g. never combine alkaline and Ni-MH batteries, or Ni-MH and Lithium Ion batteries) and never mix new and old batteries in the DTC.

Although the DTC uses both alkaline and rechargeable batteries, we recommend rechargeable batteries because they are environmentally friendly.

The DTC uses three AAA batteries in a cartridge.

 **Sturtevant Richmond tools are proudly made by highly capable union hands in Carol Stream, Illinois, USA.**



- Do not exceed rated torque
- Do not use to break fasteners loose
- Periodic recalibration is necessary to maintain accuracy
- See safety precautions at srortorque.com



Interchangeable Heads

All heads feature a 1 1/8" Common Centerline / 36.5 mm Common Centerline.

Over 200 interchangeable heads to choose from without changing torque values. Simply slide the heads on and "lock on quality".



**OPEN END
(OE)***



**RATCHETING
OPEN END (ROE)**



**SLIM PROFILE
OPEN END
(OE SPH)**



**BOX HEAD
(BH)**



**HEX DRIVE
(HD)**



**SQUARE DRIVE
RATCHET
(SDRT)***



**SOCKET
LOCK PIN**



**HOLD & DRIVE
SQUARE DRIVE
RATCHET (SDRT)**



**SQUARE DRIVE
(SD)***



**LTCE-SERIES &
LTCE-15 SERIES**
Straight & 15 Degree
Angled Extension



FLARE NUT (FN)



**RATCHETING
FLARE NUT (RFN)**



**STANDARD
TOOLING
ADAPTERS**



**ADAPTERS FOR
DIN STYLE HEADS**



**ADAPTERS
FOR ROUND
STYLE HEADS**

These is just a sample of the over 200 interchangeable heads available from Sturtevant Richmond. Like all our tools they are proudly made by highly capable union hands in Carol Stream, Illinois, USA.



WARNING



- Do not exceed rated torque
- Do not use to break fasteners loose
- Periodic recalibration is necessary to maintain accuracy
- See safety precautions at srtorque.com

Custom Solutions

In addition to our established line of interchangeable heads, SR is proud to offer custom solutions to meet your unique torque needs. For more information on custom interchangeable heads and other solutions please contact SR customer service world wide at +1 847-455-8677

What is the Common Centerline and why is it important?

srtorque.com/resources/understanding-the-common-centerline/

* Some larger sizes feature a 3/8" Common Centerline / 98.4mm Common Centerline