



DTC

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.

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)

- 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.
- 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.

| Part No. | Model | Torque Capacity | Overall Length | Weight without head | Included Head |
|----------|---------|---------------------------------|----------------|---------------------|---------------|
| 10680 | DTC 4 | 10-50 in lb / 1.12-5.6 Nm | 13.88 in | 1.04 lb | 1/4" SDRT |
| 10685 | DTC 5 | 12-60 in lb/1.35 - 6.77 Nm | 13.88 | 1.04 | 1/4" SDRT |
| 10681 | DTC 25 | 60-300 in lb / 6.78-33.9 Nm | 14.88 in | 1.14 lb | 3/8" SDRT |
| 10682 | DTC 75 | 180-900 in lb / 20.34-101.7 Nm | 16.5 in | 1.29 lb | 3/8" SDRT |
| 10686 | DTC 80 | 192-960 in lb/21.69 - 108.46 Nm | 16.5 in | 1.29 | 3/8" SDRT |
| 10683 | DTC 150 | 360-1800 in lb / 40.6-203 Nm | 19.75 in | 1.55 lb | 1/2" SDRT |
| 10684 | DTC 250 | 600-3000 in lb / 67.78-338.9 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.

DTC Connect

Make your DTC Torque and Angle Wrench even more powerful ... FOR FREE!



When you connect your DTC with DTC Connect Software you can:

- Set unit of measure, torque mode, and torque values directly from your Windows PC.
- Set, change, name and save parameters
- Download the results log from the wrench and upload the CSV formatted file to Excel or another program.
- Say goodbye to terminal emulator programs with this Windows PC-based software

Only available to those who purchase and register DTC Torque and Angle Wrenches Registered users receive updates and upgrades emailed directly to them.

Registration is fast and simple at srtorque.com We just need your contact information, tool capacity, and seven digit tool serial number. The serial number is found on the underside of the tool, near the dovetail.

WARNING

- Do not exceed rated torque
- Do not use to break fasteners loose
- Periodic recalibration is necessary to maintain accuracy
- Read safety precautions on page 59

