

Preset Clicker Torque Wrench – TC



Comfortable cushion grip plus light weight for excellent ergonomics.

Clicker Wrench with Rectangle Head Insert

Sturtevant Richmond's TC series preset interchangeable head torque wrenches are ideal for any application where:

- » The fastener or fitting to be tightened cannot readily be engaged with a socket,
- » The same torque is to be applied repeatedly,
- » Simplicity of operation is needed,
- » It is advisable to eliminate the possibility of having the operator set the wrong torque on the tool,
- » High operator efficiency is needed,
- » Very high durability is needed.

These needs are common in assembly and standardized field maintenance operations, and the TC Series tools are superb for these types of applications. Two opposite drillings in the wrench's head connector allowing left-hand threads or torque direction can be changed by turning the wrench over before installing the head.

The torque is preset and locked in with a special tool, and tamper-resistant/tamper-evident seals can be installed. Torque can be set using any appropriate torque tester or calibration device providing $\pm 1\%$ accuracy or better.

The strong dimensioned torque spring is the very heart of this clicker wrench. With reaching the pre-set torque, the torque spring is squeezed slightly, and the hardwearing pawl is releasing the tool tang. An excellent tactile and audible impulse signals that the pre-set torque is achieved.

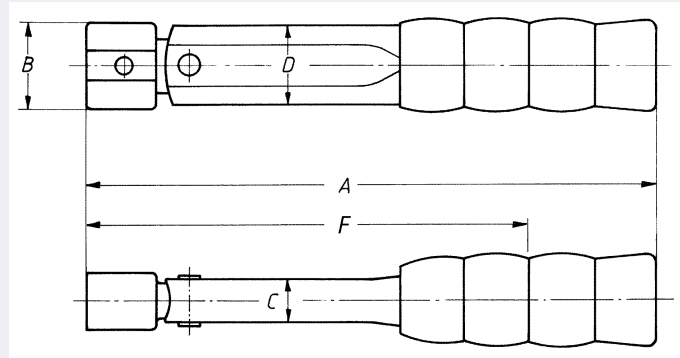
- Rectangle connector ('EU') 9×12 mm rsp. 14×18 mm.
- More than 200 interchangeable heads available.
- Thick-walled housing profile provides high durability.
- **Torque adjustment** by means of optional CART adjustment key on appropriate torque tester.
- Can be ordered preset from factory, or you can set the torque with your own torque tester.
- Accuracy $\pm 4\%$ of indicated value (within 20-100% of rated capacity).
- Meets or exceeds **ASME B107.300-2010** and **EN ISO 6789**.

Adjustment key "CART" required.



To set the requested torque on SR preset clicker torque wrenches, a Combination Adjusting and Release Tool 'C.A.R.T.' is needed. To get your personal C.A.R.T., order item No. R819117.

INFO



TC

Model	Part No.	Torque Range*			Insert mm	Weight kg	– Dimensions [mm] –			
		N-m	lbf-in	lbf-ft			A	B	C	D
S9-TC-25 Nm	R810251	5 - 25	44 - 221	3,6 - 18	9 × 12	0,31	185	24	14	23
S9-TC-50 Nm	R810253	10 - 50	88 - 442	7,4 - 37	9 × 12	0,43	235	24	14	23
S9-TC-85 Nm	R810254	17 - 85	150 - 752	12,5 - 63	9 × 12	0,59	330	24	14	23
S14-TC-85 Nm	R810255	17 - 85	150 - 752	12,5 - 63	14 × 18	0,63	340	32	14	23
S14-TC-200 Nm	R810250	40 - 200	354 - 1770	30 - 147	14 × 18	0,81	430	32	14	23
S14-TC-400 Nm	R710136	80 - 400	708 - 3540	59 - 295	14 × 18	2,56	690	45	16	51

* Table showing specifications by manufacturer. Usage in moderate performance range (approx. 1/3 to 4/5 of rated capacity) is recommended. If you regularly worked close to the limit of load (maximum capacity), a larger model or tool might be more advisable.

