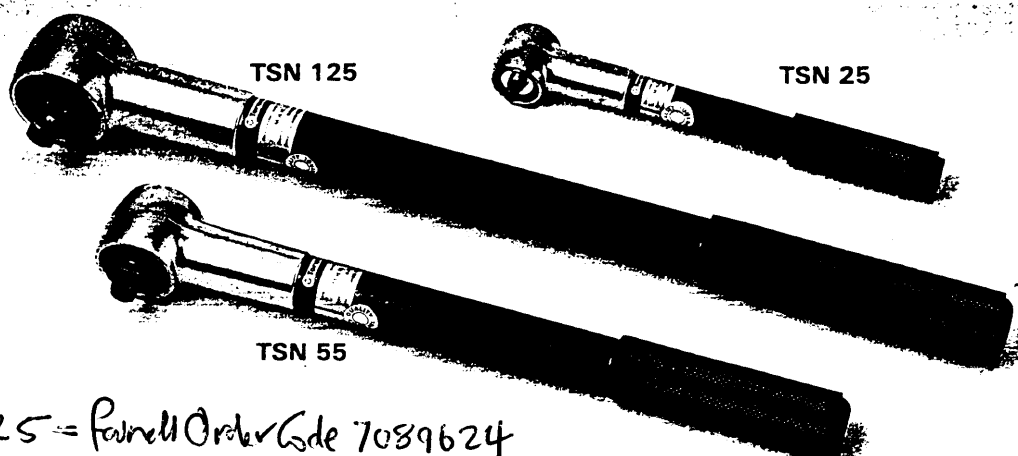


# Torqueleader 'Torquesafe' Slipper Wrenches



\*TSN 125 = Part No. 011040

★ Streamlined production torque wrenches designed for modern needs.

● 3 models covering ranges of 3-125 N-m and 2-90 lbf-ft to suit the majority of volume production torque requirements.

● Accuracy  $\pm 5\%$  repeatable. Guarantees equal tightness every time.

● Lightweight – less fatigue for the operator encourages use.

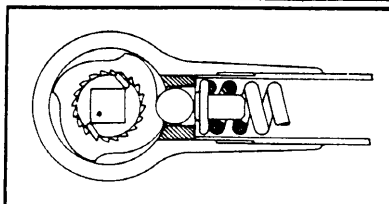
● Wrenches 'slip' when predetermined torque setting is reached – completely eliminates overtightening.

● Automatic resetting is signalled by an audible 'click' allowing fast continuation of work.

● 'Torque Safe' wrenches incorporate a fully supported ratchet with effectively 36 teeth on TSN 25 and 48 on TSN 55 and TSN 125 – giving smooth, positive torque control, even in confined spaces.

● Strong corrosion-resistant stainless steel head, plastic coated handle and non-slip knurled grip.

| MODEL   |        |        |        |     |     |       |      |      |
|---------|--------|--------|--------|-----|-----|-------|------|------|
|         |        | N-m    | lbf-ft |     | mm  | in    | kg   | lb   |
| TSN 25  | 011000 | 3-25   | 2-18   | 1/4 | 216 | 8.5   | 0.34 | 0.75 |
| TSN 55  | 011020 | 15-55  | 10-40  | 3/8 | 324 | 12.75 | 0.80 | 1.75 |
| TSN 125 | 011040 | 40-125 | 30-90  | 1/2 | 460 | 18.13 | 1.36 | 3.0  |

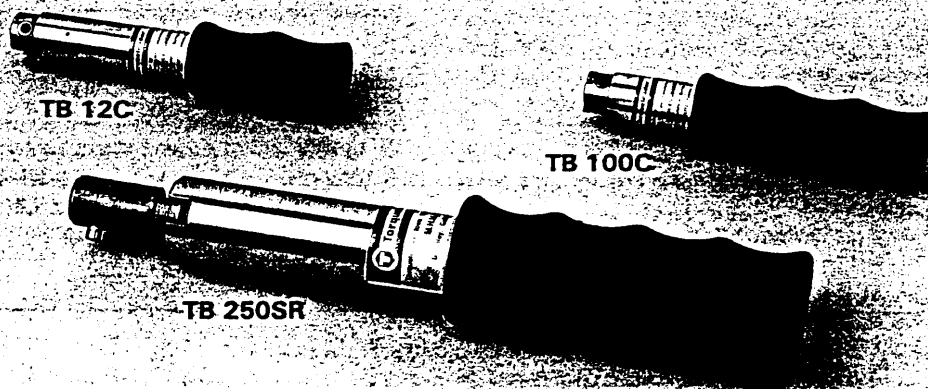


Working principle of Torqueleader Torque Safe



Setting a TSN125 on a Torqueleader Static Torque Meter

# Torqueleader 'Breaking' Torque Handles



● Production, lever type wrenches for applying low torque values.

● Ideal for use in restricted spaces – suitable for most light electro/mechanical/electronic applications.

● Compact, well balanced and strong for unskilled users.

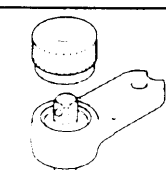
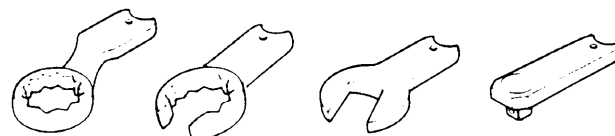
● Breaking Torque Handles 'break' at predetermined torque value to give movement in either direction – 90° with TB 12 & TB 100 and 20° with TB 250 SR – then reset on returning to in-line position.

● Extensive range of interchangeable end fittings available.

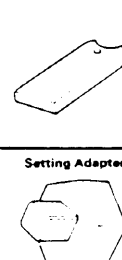
● Special end fittings can be made to order, to comply with individual requirements.

| MODEL   |        |         |          |           |     |       |     |        |
|---------|--------|---------|----------|-----------|-----|-------|-----|--------|
|         |        | lbf-in  | kgf-cm   | N-m       | mm  | in    | gm  | oz     |
| TB12C   | 011100 | 1.25-12 | 1.4-14   | 0.14-1.36 | 105 | 4 1/8 | 100 | 3 1/2  |
| TB100C  | 011200 | 10-100  | 11.5-115 | 1-11      | 105 | 4 1/8 | 120 | 4 1/4  |
| TB250SR | 011300 | 80-250  | 90-300   | 9-30      | 185 | 7 1/4 | 350 | 12 1/4 |

## Interchangeable end fittings for use with 'Breaking' Torque Handles



Purpose-designed Double-ended Ratchet and Cap



Setting Adapter

Setting TB 100 on a Torqueleader Spring Type Rig

