

Torqueleader Tools - Specialist Applications



SMA Connectors Kit

- It has been well established that the correct tightening of SMA Connectors used in RF cabling applications is essential to ensure optimum performance. This is particularly important in high frequency applications using stainless steel or beryllium - copper bodies.
- A torque value of around 1N.m is generally being specified by connector manufacturers for the tightening of precision connectors and around 0.5 N.m for brass bodied connectors.
- Based on the tried and tested TBN 2 Torque Breaking Handle and Minor Slipping Torque Screwdriver, tools are available to accurately tighten SMA connectors and to ensure that over tightening cannot occur. The TBN 2 is used with an open ended spanner (usually 8mm), while the pre-set Minor Screwdriver with special end fitting enables vertical access in places where conventional torque tools cannot be used. Spanners are available to suit the A/F sizes of all the major connector manufacturers.
- The tools and a range of end fittings can be purchased individually or in boxed kits. They can also be supplied to suit individual users needs for pre-set torque value, end fittings and access restrictions.

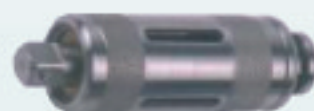
Custom designed torque tools suitable for autoclaving/sterilisation.

- Torqueleader Surgical Tools are available covering a torque range from 0.5 cN.m to 135 N.m including Torque Limiting Screwdrivers, Quickset Calibrated Torque Screwdrivers and Breaking Torque Wrenches.
- MHH already have designs for various tools such as dental wrenches, surgical wrenches and screwdrivers based on the following standard Torqueleader tools:
Screwdrivers: TLS 0022, Minor, Standard, TLS 1360, Quickset Minor and Quickset 6.
Wrenches: TBN 2, TBN 10 and TBN 25.
- We are also pleased to modify any of our torque tools to meet particular Customer requirements or to develop specific tools for specialist applications.

Specification of Surgical tools:

- Tools are manufactured from high quality materials providing the greatest resistance to the effects of temperature, wear and corrosion.
- Where necessary the tools have been modified to allow full ventilation or drainage of mechanisms during sterilisation/autoclaving.

Special Surgical Torque Tools



Surgical RTU



Surgical Quickset Minor FH



Surgical TLS 0022 FH



Dental Slipping Wrench

NB. The photographs show typical examples only. Products are manufactured to individual Customer specification.



ESD Approved Tools

- In response to an increasing number of requests for tools for use in EPA's (Electrostatic Discharge Protected Areas) tests have been carried out on a range of Torqueleader product, to confirm that they comply with Standard BS IEC 61340-5-1:1998.
- This Standard states (Section 5.2.10) that "Tools intended for use within the EPA shall, as far as possible, be so constructed that they do not generate or hold an electrostatic charge in compliance with Table 1".
- Table 1 in the Standard stipulates a resistance to a groundable point of less than or equal to $1 \times 10^{12} \Omega$ (Ohms) and cites BS IEC 61340-5-2:1998.
- All the Torqueleader tools that meet the Standard are marked in this catalogue with the ESD symbol. Copies of the individual tools test certificates are available on request.