

UTSCM SCREWDRIVER HANDLE ADAPTERS

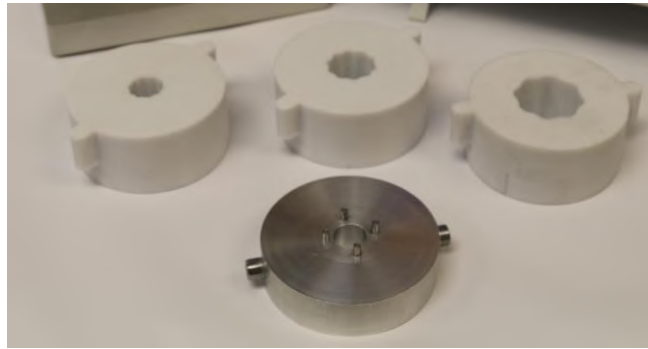


Photo above shows various AWS solid torque screwdriver handle adapters.

DESCRIPTION

The all new AWS Universal Torque Screwdriver Calibration Machine (UTSCM) for compliance to ISO 6789:2017 provides an efficient means of calibrating and testing manually operated torque screwdrivers to international or company specific standards and specifications.

There are numerous screwdriver handle designs which AWS have addressed for this machine with a range of adapters available for the UTSCM. Solid Adapters grip one specific model of torque screwdriver. Square Drive and Adjustable Adapters are designed to accommodate a variety of different torque screwdriver models.

All types of adapters comply fully with the ISO 6789:2017 Part 1 requirement that the torque screwdriver must be held within $\pm 2^\circ$ of vertical.

Adapters for models of torque screwdrivers not listed are available on request.

SOLID ADAPTER FEATURES

- 30Nm rated torque.
- Accurate fitting of a specific model of torque screwdriver handle.
- Simple design for easy interchangeability.
- Produced in specialised plastics for strength and fatigue life.



ADJUSTABLE ADAPTER FEATURES

- 10Nm rated torque.
- Produced in specialised plastics for strength and fatigue life.
- Chuck / collet hybrid design accommodates a wide range of torque screwdriver models.
- Adapts to knurled, fluted and a variety of cushion grip handles.
- Simple to switch between different screwdriver models for fast turnaround time.
- A set of flexible knurled Top Hats included for gripping more difficult torque screwdriver shapes while retaining tool surface finish.
- Easy tightening and untightening of the adapter using included tool.



SQUARE DRIVE ADAPTER FEATURES

- 30Nm rated torque.
- 1/4" Male Square drive adapter.
- Aluminium construction with precision square drive.

LIST OF AVAILABLE ADAPTERS

Solid Adapters

For solid adapters for a specific manufacture's model of torque screwdriver, please contact AWS stating the screwdriver model.

Square Drive Adapters

Adapter Model	Torque Range	Handle Diameter Range	Drive	Screwdriver Model
2040-ASQ1	0-30Nm	N/A	1/4" Male SQ	Various

Adjustable Adapters

Adapter Model	Torque Range	Handle Diameter Range	Number of teeth	Flexible Knurled Top Hat Sizes	Screwdriver Model
2040-AA1	0-10Nm	15mm -36mm	4	20mm ID 27mm ID 34mm ID	Various
2040-AA2	0-10Nm	30mm-45mm	4	38mm ID 45mm ID	Various

Please note: AWS has researched a wide variety of torque screwdriver shapes and sizes. Our adapters grip an extensive range of torque screwdriver handles however there may be a particular that we have not been able to research. If in doubt please contact [AWS](#).

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