

Product information  
Capacitor discharge, drawn arc and  
short-cycle drawn arc stud welding



## DMS-1 Torque Wrench



Attractive synthetic case containing a clearly arranged standard value table of test torques for different stud diameters, stud materials and material thicknesses to avoid damage to the connected parts.



### DMS-1 SOYER torque wrench for non-destructive stud testing in quality assurance applications

#### Description:

The newly developed mechanical DMS-1 SOYER torque wrench allows you to test turning and bending moments of threaded studs from M3 to M8 easily and quickly, in a non-destructive manner. As regards the quality assurance of stud welded parts in accordance with DIN EN ISO 14555, the requirements of testing the prescribed turning and bending moments can now be fully complied with for capacitor discharge, drawn arc and short-cycle drawn arc stud welding. The tailor-made, sturdy metallic case with its clear storage arrangement offers space for all components and is suitable for both mobile and stationary application. (For innovative special features, please see over).

#### Contents:

1 torque wrench  
1 set (5 pieces) of hardened steel sockets M3, M4, M5, M6 and M8

#### Dimensions:

Case: 270 mm x 230 mm x 80 mm (w x h x d)

#### Total weight:

1.2 kg

Subject to technical changes

# Innovative Special Features of the DMS-1 Torque Wrench

For the purpose of supporting quality assurance measures, the new, practical and economical DMS-1 torque wrench allows you to test the maximum turning and bending moment of welded studs.

Additional performance features of the DMS-1 torque wrench include:

- ▶ Complete testing equipment easily portable in one hand
- ▶ User-friendly
- ▶ Quick testing possibility
- ▶ Extremely good value
- ▶ Multifunctional application for capacitor discharge, drawn arc and short-cycle drawn arc stud welding
- ▶ Robust, shock- and break-proof synthetic case
- ▶ Space-saving and central storage of all components
- ▶ Non-destructive, clearly defined, time- and cost-saving test method without any loss in quality
- ▶ Reproducible turning and bending moment test following DIN EN ISO 14555, DVS information sheet 0904 and ISO 9000 ff

SOYER top-of-the-range products awarded the following prizes for



Production



Quality



Technology



Design



Stud Manufacture



Quality Management



International Approval



Safety



EC Conformity