

Torque wrench with reversible ratchet, maximum torque: 1600N·m



Order data

Order number	656500 1600
GTIN	4000896155316
Item class	630

Description

Version:

Handy and very compact single-arm torque wrench, adjustable by scale and self-triggering. Extremely high repeat accuracy, since high quality materials are used throughout. Wearing parts, such as compression springs, are specially pre-treated and sorted. Reversible ratchet for left-hand and right-hand tightening.

With built-in reversible ratchet – for left and right hand tightening.

Units of measure: Nm **2-piece** with release tool in nylon carrying bag.

Function:

The wrench triggers giving a "signal" (clearly audible acoustic tone and noticeable vibration) and afterwards is immediately ready for use again.

Application:

For medium to larger batch productions.

Standard:

Geprüft nach DIN EN ISO 6789.

Accuracy:

Of the displayed value only for right-hand tightening: $\pm 3 \%$.

Cutting dataa:

Legend for drawing and formula:

 I_1 = Lever length without plug-in head

 I_2 = Adjusted reference dimension on the torque wrench

 I_3 = Lever length including factory calibration reference dimension

 I_4 = Reference dimension of the plug-in head

L = Total length of the tool

 T_1 = Torque to be set

 T_2 = Specified torque



Note:

Calibration is only possible for right-hand tightening.

The guaranteed measuring accuracy of the torque is achieved only once the torque range has been calibrated to DIN EN ISO 6789.

Technical description

maximum torque 1600 Nm Square drive 1 in Torque measuring accuracy ±3 % Direction of tightening For right and left-hand tightening Scale graduation, 1 graduation = 5 Nm Torque range 600 - 1600 Nm Reversible reading Nm Overall length L 2455 mm Trigger principle mechanical short-travel release Lever length including factory calibration reference dimension [I _s] Standard DIN EN ISO 6789 Measurement process Torque Feedback triggering Setting the trigger value with adjustment scale Connection format Push-through square drive (ratchet) Adjustable trigger value Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Display	analogue
Square drive 1 in Torque measuring accuracy ±3 % Direction of tightening For right and left-hand tightening Scale graduation, 1 graduation = 5 Nm Torque range 600 - 1600 Nm Reversible reading Nm Overall length L 2455 mm Trigger principle mechanical short-travel release Lever length including factory calibration reference dimension [l ₃] Standard DIN EN ISO 6789 Measurement process Torque Feedback trigger value with adjustment scale Connection format Push-through square drive (ratchet) Adjustable trigger value adjustable Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Weight	14000 g
Torque measuring accuracy Direction of tightening Scale graduation, 1 graduation = 5 Nm Torque range 600 - 1600 Nm Reversible reading Nm Overall length L 2455 mm Trigger principle mechanical short-travel release Lever length including factory calibration reference dimension [I ₃] Standard DIN EN ISO 6789 Measurement process Torque Feedback triggering Setting the trigger value with adjustment scale Connection format Push-through square drive (ratchet) Adjustable trigger value Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	maximum torque	1600 Nm
Direction of tightening Scale graduation, 1 graduation = 5 Nm Torque range 600 - 1600 Nm Reversible reading Nm Overall length L 2455 mm Trigger principle mechanical short-travel release Lever length including factory calibration reference dimension [l ₃] Standard DIN EN ISO 6789 Measurement process Torque Feedback triggering Setting the trigger value with adjustment scale Connection format Push-through square drive (ratchet) Adjustable trigger value Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Square drive	1 in
Scale graduation, 1 graduation = 5 Nm Torque range 600 - 1600 Nm Reversible reading Nm Overall length L 2455 mm Trigger principle mechanical short-travel release Lever length including factory calibration reference dimension [I ₃] Standard DIN EN ISO 6789 Measurement process Torque Feedback triggering Setting the trigger value with adjustment scale Connection format Push-through square drive (ratchet) Adjustable trigger value Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Torque measuring accuracy	±3 %
Torque range 600 - 1600 Nm Reversible reading Nm Overall length L 2455 mm Trigger principle mechanical short-travel release Lever length including factory calibration reference dimension [I ₃] Standard DIN EN ISO 6789 Measurement process Torque Feedback triggering Setting the trigger value with adjustment scale Connection format Push-through square drive (ratchet) Adjustable trigger value Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Direction of tightening	For right and left-hand tightening
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Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling akustisk	Connection format	Push-through square drive (ratchet)
Test certificate Data can be recorded Measurement technology Release signalling Manufacturer's test certificate no mechanical akustisk	Adjustable trigger value	adjustable
Data can be recorded no Measurement technology mechanical Release signalling akustisk	Calibration	01
Measurement technology mechanical Release signalling akustisk	Test certificate	Manufacturer's test certificate
Release signalling akustisk	Data can be recorded	no
	Measurement technology	mechanical
Release signalling haptisk	Release signalling	akustisk
	Release signalling	haptisk



Type of product	Torque Wrench
Services	
CalibrationTorque wrench maximum torque 2000 N⋅m	020010 2000