

# Torque screwdriver with scale, maximum torque: 150cNm



### **Order data**

Order number	659945 150
GTIN	4045197514004
Item class	62E

## **Description**

#### **Version:**

Practical handle for transmission of the required torques without problems. Easy to read micrometer scale, protected against dirt. Lock at the end of the handle against inadvertent adjustment. Interchangeable blade to take 1/4 inch bits included.

#### **Function:**

On reaching the set torque value, the screwdriver can be felt and heard to trigger and is then again immediately ready for use.

#### **Application:**

For controlled tightening of screws to a pre-set torque.

#### Standard:

Geprüft nach DIN EN ISO 6789.

#### Note

All Wiha interchangeable blades (No. 659940 – 659946) can also be used in the Holex torque screwdriver No. 659945.

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

Direction of tightening: For right- and left-hand tightening

Torque measuring accuracy: ±6 %

Bit socket: D 6,3

Test certificate: Manufacturer's test certificate

Calibration: 01

Torque measuring accuracy: ±6 %

Overall length L: 153 mm Torque range: 30 - 150 cNm Torque range: 0.3 - 1.5 N·m

Scale graduation, 1 graduation =: 5 cNm

# **Technical description**

Scale graduation, 1 graduation = 5 cNm  Display analogue  Torque measuring accuracy £6 %  Bit socket D 6,3  Torque range 30150 cNm  Torque range 0.3 - 1.5 N-m  Trigger principle mechanical slip clutch  Connection format Bit holder 1/4 inch  Feedback triggering  Adjustable trigger value adjustable  Setting the trigger value with adjustment scale  Standard DIN EN ISO 6789  Overall length L 153 mm  Reversible reading cNm  Reversible reading Nm  Measurement process Torque  Weight 300 g  Calibration O1  Direction of tightening For right- and left-hand tightening  Test certificate Manufacturer's test certificate  Data can be recorded no  Measurement technology mechanical  Release signalling Aptisk  Type of product	maximum torque	150 cNm
Torque measuring accuracy  Bit socket  D 6,3  Torque range  30 - 150 cNm  Torque range  Trigger principle  Connection format  Feedback  Adjustable trigger value  Setting the trigger value  Standard  DIN EN ISO 6789  Overall length L  Reversible reading  Reversible reading  Reversible reading  Weight  Calibration  O1  Direction of tightening  Test certificate  Data can be recorded  Release signalling  Release signalling  D 6,3  D 6,3  D 6,3  D 6,3  D 7,15 N-m  Torque  Mechanical slip clutch  Bit holder 1/4 inch  Ferdhand 18lip clutch  Bit holder 1/4 inch  Firiggering  Adjustable  With adjustment scale  DIN EN ISO 6789  Overall length L  153 mm  Reversible reading  Nm  Nm  Measurement process  Torque  Weight  300 g  Calibration  O1  Direction of tightening  For right- and left-hand tightening  Test certificate  Manufacturer's test certificate  Data can be recorded  no  Measurement technology  Release signalling  Release signalling  Release signalling  Release signalling	Scale graduation, 1 graduation =	5 cNm
Bit socket D 6,3 Torque range 30 - 150 cNm Torque range 0.3 - 1.5 N·m Trigger principle mechanical slip clutch Connection format Bit holder 1/4 inch Feedback triggering Adjustable trigger value adjustable Setting the trigger value with adjustment scale Standard DIN EN ISO 6789 Overall length L 153 mm Reversible reading cNm Reversible reading Nm Measurement process Torque Weight 300 g Calibration O1 Direction of tightening For right- and left-hand tightening Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling acoustic Release signalling haptisk	Display	analogue
Torque range 30 - 150 cNm Torque range 0.3 - 1.5 N·m Trigger principle mechanical slip clutch Connection format Bit holder 1/4 inch Feedback triggering Adjustable trigger value adjustable Setting the trigger value with adjustment scale Standard DIN EN ISO 6789 Overall length L 153 mm Reversible reading cNm Reversible reading Nm Measurement process Torque Weight 300 g Calibration O1 Direction of tightening For right- and left-hand tightening Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling acoustic Release signalling haptisk	Torque measuring accuracy	±6 %
Torque range Torque range Trigger principle Trig	Bit socket	D 6,3
Trigger principle Connection format Bit holder 1/4 inch Feedback triggering Adjustable trigger value Setting the trigger value Standard DIN EN ISO 6789 Overall length L Reversible reading Reversible reading Measurement process Weight Calibration Direction of tightening Test certificate Data can be recorded Release signalling Release signalling Release signalling Rechanical slip clutch Bit holder 1/4 inch Bit holder 1/4 inch Bit holder 1/4 inch Right and is in the load of the late o	Torque range	30 - 150 cNm
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Adjustable trigger value  Setting the trigger value  Standard  DIN EN ISO 6789  Overall length L  Reversible reading  Reversible reading  Measurement process  Torque  Weight  Calibration  Direction of tightening  Test certificate  Data can be recorded  Measurement technology  Release signalling  Release signalling  Adjustable  With adjustment scale  With adjustment scale  DIN EN ISO 6789  OIN EN ISO 6789  OND  Torque  Nm  Nm  Nm  Measurement process  Torque  300 g  For right- and left-hand tightening  Test certificate  Manufacturer's test certificate  Data can be recorded  no  Measurement technology  Release signalling  acoustic  Release signalling  haptisk	Connection format	Bit holder 1/4 inch
Setting the trigger value Standard DIN EN ISO 6789 Overall length L Reversible reading Reversible reading Nm Measurement process Torque Weight 300 g Calibration O1 Direction of tightening Test certificate Data can be recorded Measurement technology Release signalling Reversible reading Nm Nm Masurement technology For right- and left-hand tightening Manufacturer's test certificate Nanufacturer's test certificate Nanufacturer's test certificate	Feedback	triggering
StandardDIN EN ISO 6789Overall length L153 mmReversible readingcNmReversible readingNmMeasurement processTorqueWeight300 gCalibrationO1Direction of tighteningFor right- and left-hand tighteningTest certificateManufacturer's test certificateData can be recordednoMeasurement technologymechanicalRelease signallingacousticRelease signallinghaptisk	Adjustable trigger value	adjustable
Overall length L  Reversible reading  Reversible reading  Nm  Measurement process  Torque  Weight  300 g  Calibration  O1  Direction of tightening  Test certificate  Data can be recorded  Measurement technology  Release signalling  Release signalling  153 mm  cNm  Nm  Nm  For right-  And  And  And  And  And  And  And  An	Setting the trigger value	with adjustment scale
Reversible reading CNm Reversible reading Nm Measurement process Torque Weight 300 g Calibration O1 Direction of tightening For right- and left-hand tightening Test certificate Manufacturer's test certificate Data can be recorded no Measurement technology mechanical Release signalling acoustic Release signalling haptisk	Standard	DIN EN ISO 6789
Reversible reading  Measurement process  Torque  Weight  300 g  Calibration  O1  Direction of tightening  Test certificate  Data can be recorded  Measurement technology  Release signalling  Release signalling  Nm  Nm  Nm  Torque  Manufacturer  Monufacturer  Manufacturer's test certificate  Manufacturer's test certificate  no  Measurement technology  mechanical  acoustic  Release signalling  haptisk	Overall length L	153 mm
Measurement process  Torque  Weight  300 g  Calibration  O1  Direction of tightening  Test certificate  Data can be recorded  Measurement technology  Release signalling  Release signalling  Torque  Torque  Anology  For right- and left-hand tightening  Manufacturer's test certificate  no  Measurement technology  Release signalling  acoustic  Release signalling  haptisk	Reversible reading	cNm
Weight300 gCalibrationO1Direction of tighteningFor right- and left-hand tighteningTest certificateManufacturer's test certificateData can be recordednoMeasurement technologymechanicalRelease signallingacousticRelease signallinghaptisk	Reversible reading	Nm
Calibration O1  Direction of tightening For right- and left-hand tightening Test certificate Manufacturer's test certificate  Data can be recorded no  Measurement technology mechanical  Release signalling acoustic  Release signalling haptisk	Measurement process	Torque
Direction of tightening  Test certificate  Data can be recorded  Measurement technology  Release signalling  Release signalling  For right- and left-hand tightening  Manufacturer's test certificate  no  mechanical  acoustic  haptisk	Weight	300 g
Test certificate  Data can be recorded  no  Measurement technology  Release signalling  Release signalling  haptisk  Manufacturer's test certificate  no  mechanical  acoustic	Calibration	01
Data can be recorded no  Measurement technology mechanical  Release signalling acoustic  Release signalling haptisk	Direction of tightening	For right- and left-hand tightening
Measurement technologymechanicalRelease signallingacousticRelease signallinghaptisk	Test certificate	Manufacturer's test certificate
Release signalling acoustic Release signalling haptisk	Data can be recorded	no
Release signalling haptisk	Measurement technology	mechanical
	Release signalling	acoustic
Type of product Torque screwdriver	Release signalling	haptisk
	Type of product	Torque screwdriver



## **Services**

Calibration Torque wrench maximum torque 400 N·m	018820 400
Calibration Torque wrench maximum torque 400 N·m	020010 400
Calibration Torque screwdriver maximum torque 0,04-20 N·m	020200 0,04-20

## **Accessories**

Torque interchangeable blade Pozidriv Cross-head size 1	659941 1
Interchangeable blade 1/4 inch	659947
Torque interchangeable blade for Phillips Cross-head size 0	659940 0
Torque interchangeable blade for Phillips Cross-head size 1	659940 1
Torque interchangeable blade Pozidriv Cross-head size 0	659941 0