GEDORE

Torque wrench DREMOMETER with fixed square drive, maximum torque: 120N·m



Order data

Order number	657000 120
GTIN	4002805856116
Item class	63L

Description

Version:

Handy, robust construction, light weight. All heavily loaded parts high-quality steel. **Fixed square drive** (no ratchet). **Units of measure:** Nm, lbfft.

Square drive with push-button unlocking.

Function:

On reaching the set torque value the wrench triggers giving a "signal" (acoustic and perceptible) and is then immediately ready for use again.

The desired torque is set using a captive hexagon L-wrench that is pulled out from the end of the handle. The set torque can be easily read on the scale. No inadvertent changes to the setting can be made whilst working.

Application:

For medium to larger series production.

Standard:

Geprüft nach DIN EN ISO 6789.

Cutting dataa:

Legend for drawing and formula:

- I_1 = Lever length without plug-in head
- I_2 = Adjusted reference dimension on the torque wrench
- l_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:

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

Technical description

Square drive1/2 inDisplayanaloguemaximum torque120 NmTorque measuring accuracy±3 %Direction of tighteningRight-hand tighteningScale graduation, 1 graduation =5 NmTorque range25 - 120 NmTorque range18 - 90 lbfftLever length without plug-in head [l,]373 mmAdjustable trigger valueadjustableConnection formatPush-through square drive (ratchet)StandardDIN EN ISO 6789Trigger principlemechanical short-travel releaseReversible readingNmReversible readingNmMeasurement processTorqueOverall length L462 mmEever length including factory calibration reference dimension [l,]373 mmSetting the trigger valuewith adjustment scaleCalibrationO1Test certificateManufacturer's test certificateData can be recordednoRelease signallingacousticRelease signallinghaptiskMeasurement technologymechanical	Weight	1500 g
maximum torque Torque measuring accuracy Direction of tightening Scale graduation, 1 graduation = 5 Nm Torque range Torque Torque range Torque T	Square drive	1/2 in
Torque measuring accuracy Direction of tightening Scale graduation, 1 graduation = 5 Nm Torque range 18 - 90 lbfft Lever length without plug-in head [l,] Adjustable trigger value Connection format Push-through square drive (ratchet) Standard DIN EN ISO 6789 Trigger principle Reversible reading Nm Reversible reading Nesaurement process Overall length L Feedback Lever length including factory calibration reference dimension [l,] Setting the trigger value Calibration O1 Test certificate Data can be recorded Release signalling Right-hand tightening Stight-hand tightening 18 - 90 lbfft 19 lbfft 10 lbfft 10 lbfft 10 lbfft 11 lbfft 12 lbfft 13 mm 13 mm 14 lbfft 15 lbfft 16 lbfft 17 lbfft 18 lbf	Display	analogue
Direction of tightening Scale graduation, 1 graduation = 5 Nm Torque range 25 - 120 Nm Torque range 18 - 90 lbfft Lever length without plug-in head [l₁] 373 mm Adjustable trigger value adjustable Connection format Push-through square drive (ratchet) Standard DIN EN ISO 6789 Trigger principle mechanical short-travel release Reversible reading Nm Reversible reading lbfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [l₁] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	maximum torque	120 Nm
Scale graduation, 1 graduation = 5 Nm Torque range 25 - 120 Nm Torque range 18 - 90 lbfft Lever length without plug-in head [I,] 373 mm Adjustable trigger value adjustable Connection format Push-through square drive (ratchet) Standard DIN EN ISO 6789 Trigger principle mechanical short-travel release Reversible reading Nm Reversible reading lbfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [I,3] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded Release signalling haptisk	Torque measuring accuracy	±3 %
Torque range 25 - 120 Nm Torque range 18 - 90 lbfft Lever length without plug-in head [I,] 373 mm Adjustable trigger value adjustable Connection format Push-through square drive (ratchet) Standard DIN EN ISO 6789 Trigger principle mechanical short-travel release Reversible reading Nm Reversible reading lbfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [I,] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	Direction of tightening	Right-hand tightening
Torque range 18 - 90 lbfft Lever length without plug-in head [I ₁] 373 mm Adjustable trigger value adjustable Connection format Push-through square drive (ratchet) Standard DIN EN ISO 6789 Trigger principle mechanical short-travel release Reversible reading Nm Reversible reading lbfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [I ₃] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	Scale graduation, 1 graduation =	5 Nm
Lever length without plug-in head [l ₁] 373 mm Adjustable trigger value adjustable Connection format Push-through square drive (ratchet) Standard DIN EN ISO 6789 Trigger principle mechanical short-travel release Reversible reading Nm Reversible reading Ibfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [l ₃] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	Torque range	25 - 120 Nm
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Connection format Standard DIN EN ISO 6789 Trigger principle Reversible reading Reversible reading Measurement process Overall length L Feedback Lever length including factory calibration reference dimension [l ₃] Setting the trigger value Calibration Test certificate Data can be recorded Release signalling Push-through square drive (ratchet) DIN EN ISO 6789 mechanical short-travel release mechanical short-travel release Nm Nm Add Manufacturer steelease Nm Add mm Stringering with adjustment scale O1 Manufacturer's test certificate Data can be recorded no Release signalling haptisk	Lever length without plug-in head $[I_1]$	373 mm
Standard DIN EN ISO 6789 Trigger principle mechanical short-travel release Reversible reading Nm Reversible reading Ibfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [I ₃] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	Adjustable trigger value	adjustable
Trigger principle mechanical short-travel release Reversible reading Nm Reversible reading Ibfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [l ₃] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	Connection format	Push-through square drive (ratchet)
Reversible reading Reversible re	Standard	DIN EN ISO 6789
Reversible reading Ibfft Measurement process Torque Overall length L 462 mm Feedback triggering Lever length including factory calibration reference dimension [l₃] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	Trigger principle	mechanical short-travel release
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Feedback triggering Lever length including factory calibration reference dimension [I ₃] Setting the trigger value with adjustment scale Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk	Measurement process	Torque
Lever length including factory calibration reference dimension [l₃] Setting the trigger value Calibration O1 Test certificate Data can be recorded Release signalling Release signalling Lever length including factory calibration reference 373 mm with adjustment scale Manufacturer's test certificate Manufacturer's test certificate no Release signalling haptisk	Overall length L	462 mm
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Calibration O1 Test certificate Manufacturer's test certificate Data can be recorded no Release signalling acoustic Release signalling haptisk		373 mm
Test certificate Data can be recorded Release signalling Release signalling haptisk Manufacturer's test certificate no acoustic haptisk	Setting the trigger value	with adjustment scale
Data can be recorded no Release signalling acoustic Release signalling haptisk	Calibration	01
Release signalling acoustic Release signalling haptisk	Test certificate	Manufacturer's test certificate
Release signalling haptisk	Data can be recorded	no
	Release signalling	acoustic
Measurement technology mechanical	Release signalling	haptisk
	Measurement technology	mechanical

Series	DREMOMETER
Type of product	Torque Wrench
Services	
CalibrationTorque wrench maximum torque 400 N·m	020010 400
DAkkS calibrationTorque wrench maximum torque 1000 N·m	020020 1000