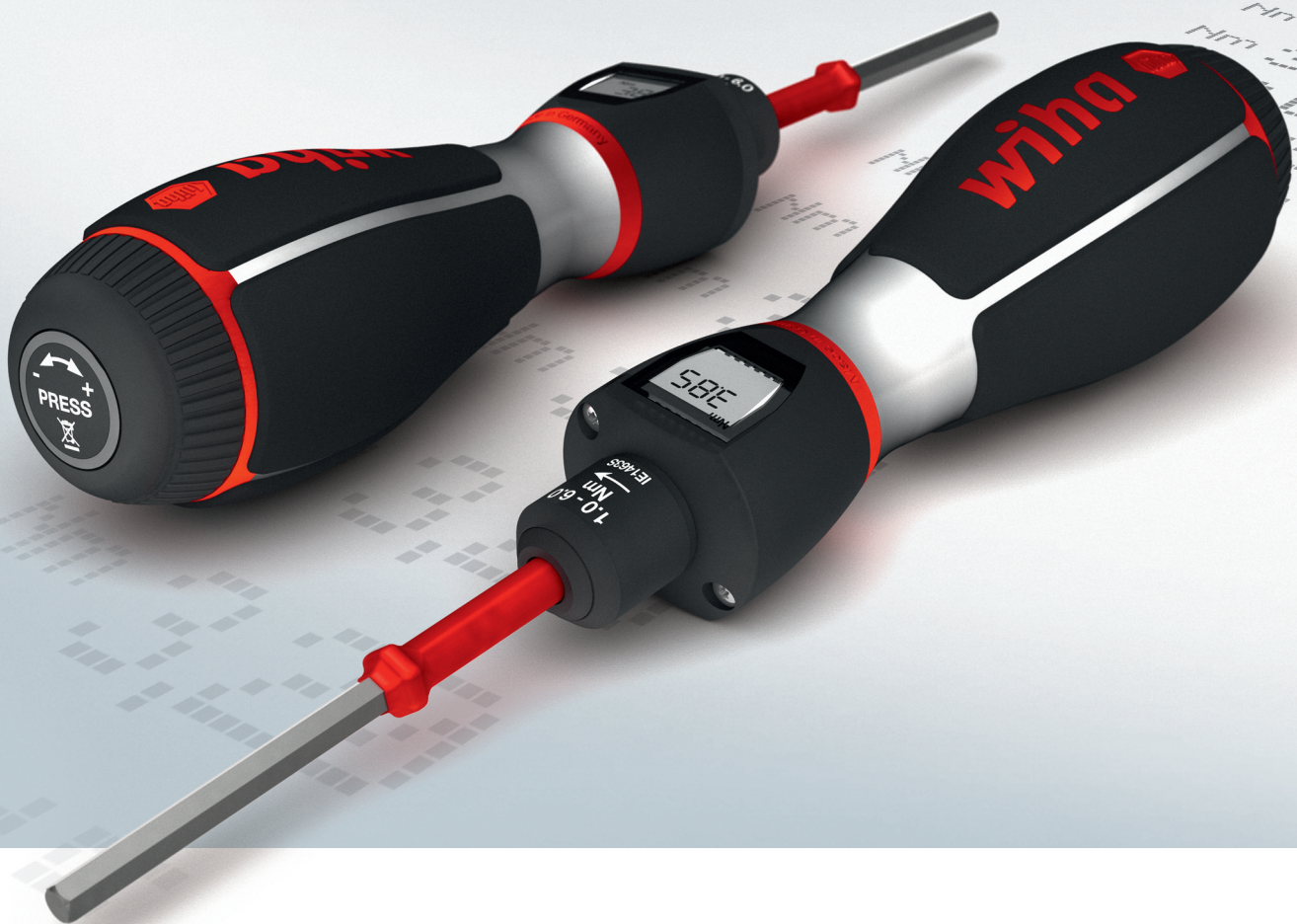




# Wiha iTorque

New 2012.

The first intelligent mechatronic torque screwdriver



Made  
in  
Germany

**wiha**   
Premium Tools



# Wiha torque assortment

## The right solution for every application



### Torque specialist

- Long-term application experience
- Comprehensive range
- Innovation down to the smallest detail
- Single unit adjustment based on customer specifications

### Wiha Services – Calibration and Co.

- Wide spectrum of recalibration services
- Quick, competent processing
- Repeat precision and reliability

### A wide spectrum of products / services

- Industry, ESD and VDE applications

### Highest quality standards and latest production technology

- Individual unit testing with calibration certificate
- Individual unit designation with identification number

### Perceptible ergonomics

- Award-winning Wiha handle size concept
- Comfortable multi-component handles





Focus Safety  
Silver 2007



iTorque



TorqueVario®-S



TorqueFix®



TorqueVario®-S VDE



TorqueVario®-S ESD



TorqueVario®-STplus



TorqueFix®-Tplus



easyTorque



AC 1000V  
IEC 60900:2004

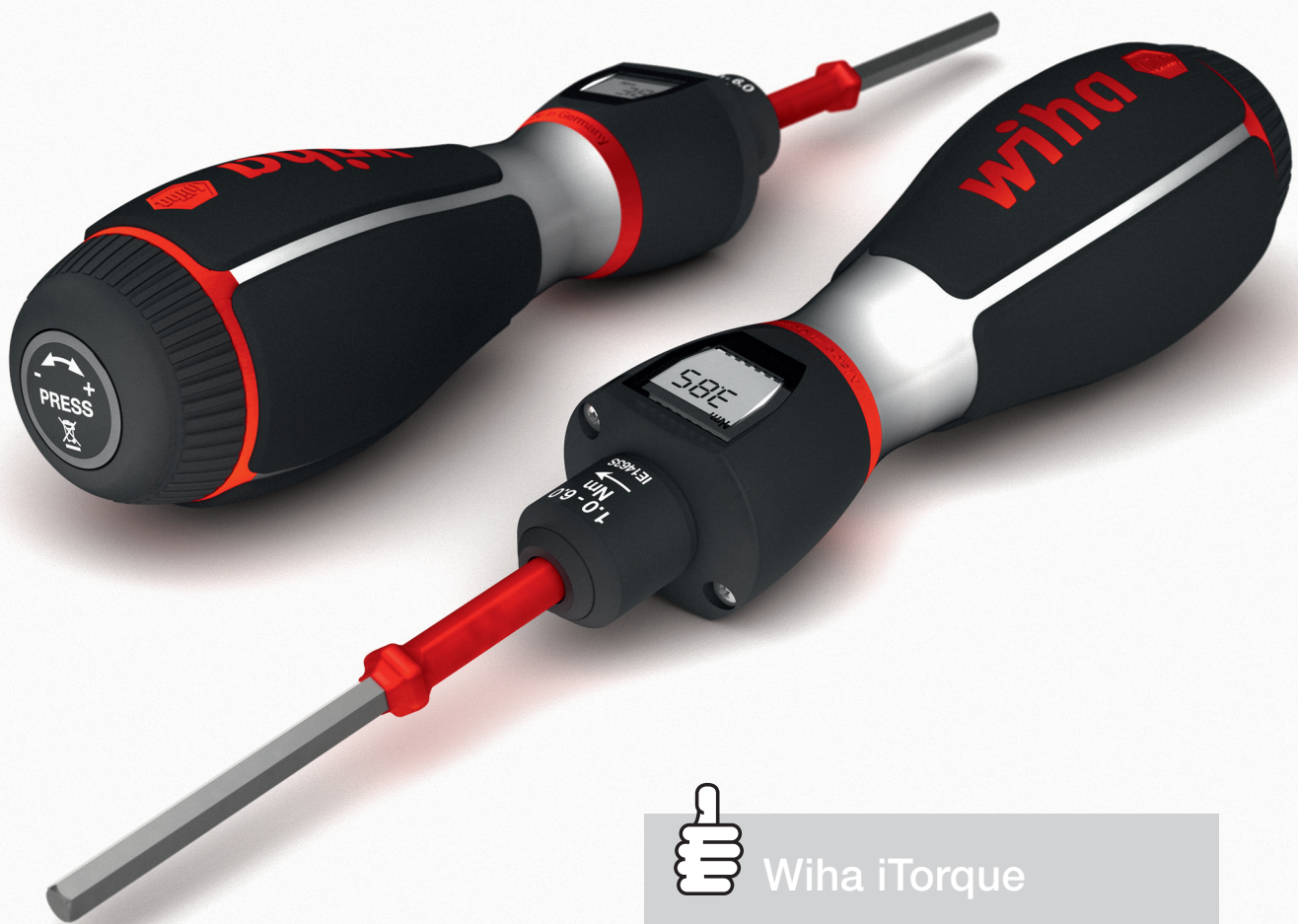


# Wiha iTorque

permanently integrated testing equipment monitoring



The first intelligent mechatronic torque screwdriver



## Wiha iTorque

- Mechatronic technology
- Nm-setting via digital display
- ClickControl
- Calibration alert (testing equipment monitoring)
- Long service life – can be recalibrated
- Release accuracy  $\pm 6\%$
- Individual product can be customised







**Large digital display with numeric display prevents reading errors**



**Can be set without separate tool**



**ClickControl counting function records every single use and optimises testing equipment monitoring**



**Calibration alert after 5000 uses for absolute process safety with testing equipment monitoring**

**Calibration alert cycles can be individually adjusted when ordering the product**



**Individual, permanent lasering of customer information (testing equipment number, workplace designation, company logo...)**



**Can be recalibrated by Wiha Services**

## Outstanding functions

- High quality, robust plastic metal compound handle
- Pleasant handling thanks to soft zones
- Units can be switched (Nm ↔ in.lb | Ncm ↔ in.oz)
- Full compatibility to the Wiha blade range

## Service and performance

- Wide range of calibration services offered
- One-off testing with works inspection protocol
- One-off identification with identification number
- Complies with all relevant standards

## Available for three torque ranges

- 40 - 150 Ncm
- 0,8 - 3,0 Nm
- 1,0 - 6,0 Nm

# iTorque

## can be recalibrated by Wiha Services

### iTorque services



Input inspection	Cost estimate and protocol	Complete Revision	Readjustment	Works calibration and protocol	Net price in £
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#### Cost Control

No adjustment required (case okay)	●	○	○	○	●	17,00 £
Readjustment required (case not okay)		●	○	●	●	72,25 £

#### Check + Service

No adjustment required (case okay)	●	○	○	○	●	17,00 £
Readjustment required (case not okay)	●	○	○	●	●	63,75 £

#### Brief service inspection

Implementation of readjustment + works calibration	○	○	○	●	●	46,75 £
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#### Thorough service inspection

Services						
- Update of electronics						
- Replacement of battery						
- Replacement of mech. parts subject to wear						
- Counter mechanics, display window etc.						
- Readjustment + works calibration	○	○	●	●	●	63,75 £

● Service    ● Free of charge    ○ Not included in the service offer

## Order process for Wiha Services: [www.wiha.com/services](http://www.wiha.com/services)



1. Download the standard order form via the Wiha website  
[www.wiha.com/services](http://www.wiha.com/services)



2. Select the required service
3. Send to: Wiha Services
4. Selected service is implemented
5. Torque tools are sent back within 5-7 workdays

For more information, please contact your local Wiha partner.

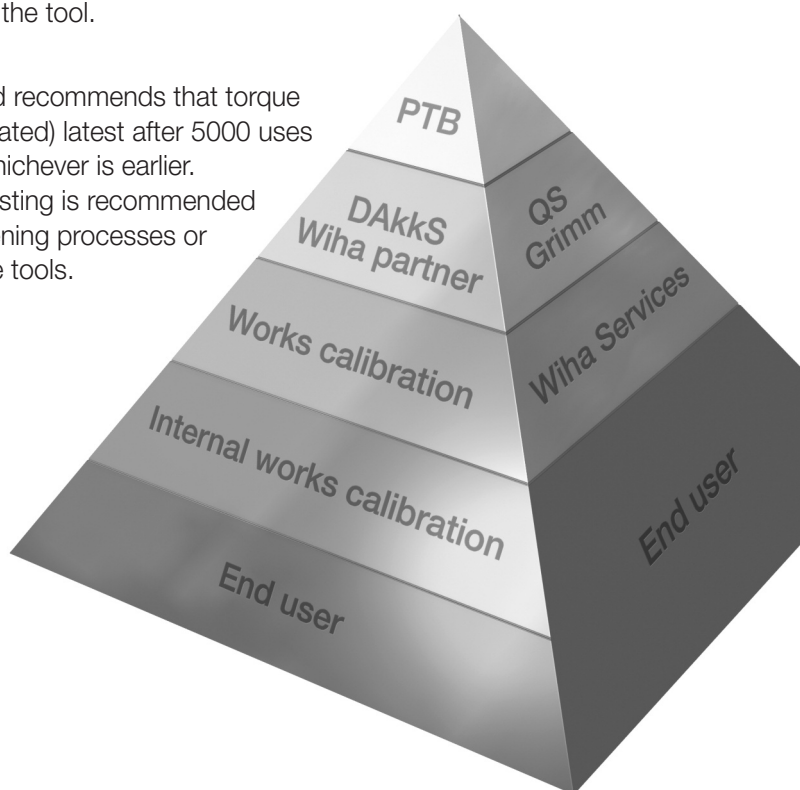


# Your torque specialist: all from one source

## Wiha Services – Calibration and Co.

During daily use, calibrated torque tools are subjected to natural wear and tear. Torque tools therefore have to be calibrated on a regular and defined basis. This is the only way to ensure repeat precision and reliability during the life cycle of the tool.

The industrial standard recommends that torque tools are tested (calibrated) latest after 5000 uses or after 12 months, whichever is earlier. Even more frequent testing is recommended for safety-related fastening processes or intensive use of torque tools.



### Wiha service: works calibration

- Application safety via works calibration certificate
- Indirect tracing to national standards
- Works calibration according to DIN EN ISO 6789:2003 standard










### DAKKS calibration in accredited test laboratory

- Maximum safety via DAKKS calibration certificate
- Measurement uncertainty of test equipment is taken into account
- Direct tracing to national standards
- International recognition of DAKKS calibration certificate



## Wiha Service offer at a glance

Wiha torque series					Catalogue price / net in £ *		
2850	2852 2872 2882	2835	2891	2893	Works calibration		DAKKS calibration
	  				Existing products	New products	New** and existing products
up to 1	0,04 - 0,46 0,1 - 0,6 0,4 - 1,0	○	○	○	25,29 £	Standard for all Wiha torque tools	127,50 £ (0,3 - 14 Nm)
1 to 8	0,6 - 2,0 0,8 - 2,0 1,0 - 5,0 2,0 - 8,0	0,4 - 1,5 0,8 - 3,0 1,0 - 6,0	5 to 12	○	17,00 £		
○	○	○	12 or above	5 - 14	19,98 £		

Specified values in Nm

\* The offer applies for services that we invoice net without deductions.

\*\*DAKKS calibration for new products only possible via the Wiha portal mytorque.wiha.com.

# Individualisation

## Testing equipment monitoring made easy



Test equipment inscription from practical use.

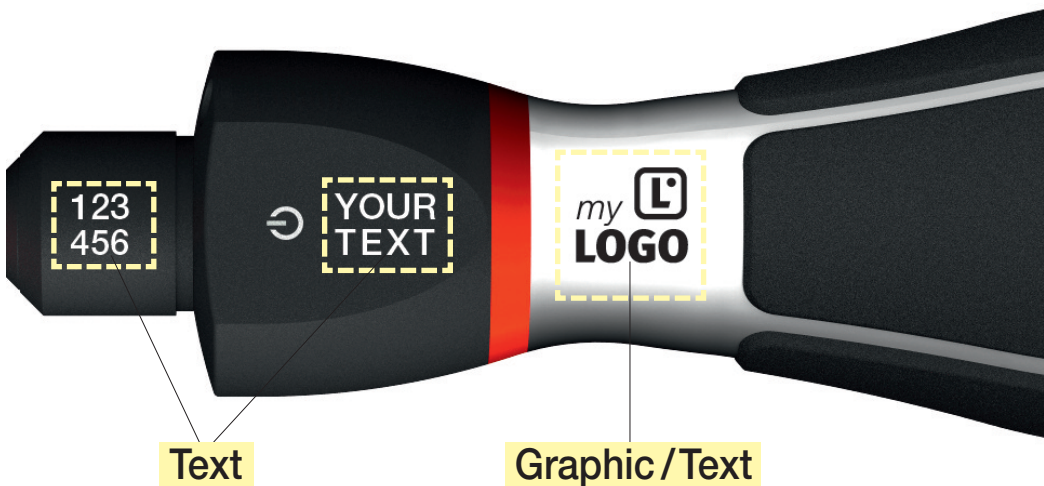


The solution only from Wiha.



- Professional, permanent lasering
- Made to customer specifications
  - Test equipment number
  - Workplace identification
  - Company logos
  - .....

## Marking options



## iTorque



- Freely settable product properties
  - Torque unit
  - Pre-set torque value (only TorqueFix)
  - Calibration alert cycle (only iTorque)

Text 1: Text field can be personalised.

Text: Text field can be personalised.

Graphic/Text: Graphics or text fields can be personalised (12 x 12 mm).

Cal-Alert: Calibration alert cycles can be individually defined (default setting: 5000 uses).

Unit: Preferred torque unit (in.lb | Nm) can be selected.



## TorqueVario®-S (VDE/ESD)



Text: Text field can be personalised.  
Unit: Preferred torque unit (in.lb | Nm) can be selected.

## TorqueFix®



Text: Text field can be personalised.  
Nm value: Required torque setting can be chosen between 0.15-8 Nm. Value will be pre-set at the factory.  
Unit: Preferred torque unit can be selected (e.g. in.lb | Nm).

## Purchasing a customised torque screwdriver



Further information available at:  
[mytorque.wiha.com](http://mytorque.wiha.com)

- 1 User customises their torque tool (markings and product properties) in the Wiha portal – [mytorque.wiha.com](http://mytorque.wiha.com)
- 2 Upon completion, the user receives their individual order slip.
- 3 User places order with their stockist, using their individual order slip (via email, fax or personally ...)
- 4 Stockist orders customised product from Wiha – Wiha produces individual torque tool according to end user specifications
- 5 Production at Wiha on one-piece basis
- 6 Stockist receives customised torque tool and delivers to the end user.

# The Wiha torque screwdriver range

## The right tool for any application



### iTorque

- Adjustable torque setting
- Available in 3 torque ranges between 0.4-6.0 Nm



### TorqueVario®-S



- Can be variably set
- Available in 7 torque ranges between 0.04-8.0 Nm



### TorqueFix®



- Fixed torque values (factory-preset)
- 16 torque ranges between 0.4-7.2 Nm



### easyTorque

- Fixed torque values (factory-preset)
- 13 torque ranges between 0.5-5.0 Nm
- Release accuracy  $\pm 10\%$



### TorqueVario®-S ESD

- Electrostatically discharging (EPA)
- Can be variably set
- Available in 6 torque ranges from 0.04-5.0 Nm



### TorqueVario®-S VDE



The world's only completely certified VDE torque system

- VDE one-off testing
- Can be variably set
- Available in 3 torque ranges between 0.6-8.0 Nm







- Complies with all relevant standards
- EN ISO 6789, BS EN 26789, ASME B107.14M

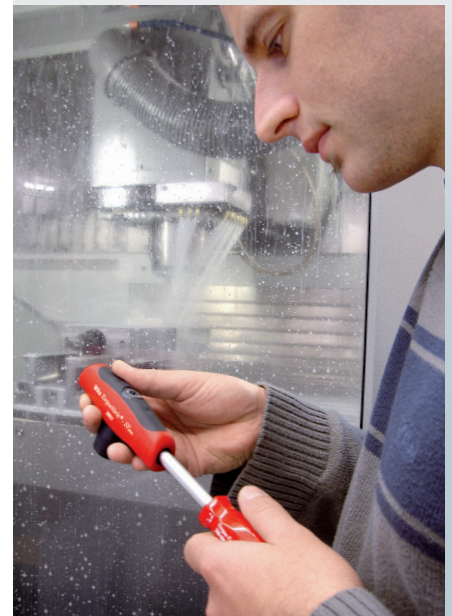
# Comprehensive range

## Wiha torque tools

### Wiha T-handle torque tools



- Ergonomic multi-component handle
- Optimal and fatigue-free torque transmission
- Release accuracy  $\pm 6\%$
- Individual unit testing with calibration certificate
- Individual unit designation with identification number
- Flexible and cost-saving due to interchangeable blades



- Adjustable version
  - Torque range: 5-14 Nm
- Fixed torque values (pre-set at factory)
  - 6 torque ranges in range of 6-14 Nm

- Use of high quality materials
- Colour coding for rapid identification of outputs





## Wiha easyTorque



- Permanently set torque screwdriver
- Release accuracy  $\pm 10\%$
- Robust multi-component handle
- Loosening torque mechanically unlimited
- Compatible with the Wiha blade system



- Fixed torque values (factory-preset)
- 13 torque ranges in range of 0.5-5.0 Nm



## Wiha Torque cable key



- The ideal fastening tool for circular plug connectors (compliance with IP67)
- Innovative materials: Robust + light due to glass-fibre reinforced plastic
- Temperature resistant ( $-40^{\circ}\text{C}$  to  $+120^{\circ}\text{C}$ )
- Non-rusting stainless steel insert











- Wide range for all common circular plug connectors  
SW 8 | SW 9 | SW12 | SW13 | SW14 | SW17 | SW18 | SW22 | SW24
- Compatible with the Wiha torque assortment  
iTorque | TorqueVario-S | TorqueFix | easyTorque



# Wiha torque assortment

## At a glance

### Overview of Wiha torque tools

	Precision	Setting	Special feature	Nm range	Torque range				Suitable blade range	
					0,01 Nm	0,1 Nm	1 Nm	10 Nm		
Mechatronic torque screwdriver										
 iTorque 2835	±6%	Adjustable	Digital display Click control Calibration alert Can be recalibrated	0,4 - 1,5						Series 2859
				0,8 - 3,0						
				1,0 - 6,0						
Mechanical torque screwdriver										
 TorqueVario®-S 2852	±10% (0,1-0,46 Nm)	Adjustable	Numeric scale	0,04 - 0,46						Series 2859
	±6% / ±10%			0,1 - 0,6						
	±6%			0,4 - 1,0						
				0,8 - 2,0						
				1,0 - 5,0						
				2,0 - 8,0						
 TorqueVario®-S VDE 2872	±6%	Adjustable	VDE certification Numeric scale	0,6 - 2,0					slimBits Series 2831	
				1,0 - 5,0						
				2,0 - 8,0						
 TorqueVario®-S ESD 2882	±10% (0,1-0,46 Nm)	Adjustable	ESD safe Numeric scale	0,04 - 0,46					Series 2889	
	±6% / ±10%			0,1 - 0,6						
	±6%			0,4 - 1,0						
				0,8 - 2,0						
				1,0 - 5,0						
 TorqueFix® 2850	±6%	Fixed	Pre-set at factory	16 ranges 0,4 - 7,2 Nm					Series 2859	
 easyTorque 292	±10%			13 ranges 0,5 - 5,0 Nm						
Mechanical torque T-handles										
 TorqueVario®-STplus 2893	±6%	Adjustable	Numeric scale	5 - 14 Nm					Series 2899	
 TorqueFix® Tplus 2891	±6%	Fixed	Permanently factory-preset	6 ranges 6 - 14 Nm						



## Overview of Wiha 4mm exchange blades for long handle torque tools

Size	①	⊕	⊕	⦿	⦿
000		0,4 Nm			
00		0,4 Nm			
0		0,9 Nm	0,9 Nm		
1		3,8 Nm	3,8 Nm		
1,3				0,4 Nm	
1,5	0,15 Nm			0,9 Nm	0,4 Nm
2	0,4 Nm	5,5 Nm	5,5 Nm	1,8 Nm	0,9 Nm
2,5	0,4 Nm			3,8 Nm	2,0 Nm
3	0,6 Nm			5,5 Nm	3,8 Nm
3,5	1,1 Nm				
4	2,5 Nm			8,0 Nm	8,0 Nm

Size	⦿	⦿	⌒	○	⦿
4	0,25 Nm				
5	0,4 Nm	0,5 Nm			
6	0,6 Nm	0,8 Nm			
7	0,9 Nm	1,3 Nm			
8	1,3 Nm	2,0 Nm	1,0 Nm		
9	2,5 Nm	3,0 Nm	1,0 Nm		
10	3,7 Nm	4,5 Nm			
12			1,5 Nm		
13			1,5 Nm		
14			1,5 Nm		
15	5,5 Nm	6,6 Nm			
17			1,5 Nm		
18			1,5 Nm		
20	8,0 Nm	8,0 Nm			
22			2,0 Nm		
24			2,0 Nm		
25	8,0 Nm	8,0 Nm			
1/4"				•	•
1/2"			1,5 Nm		

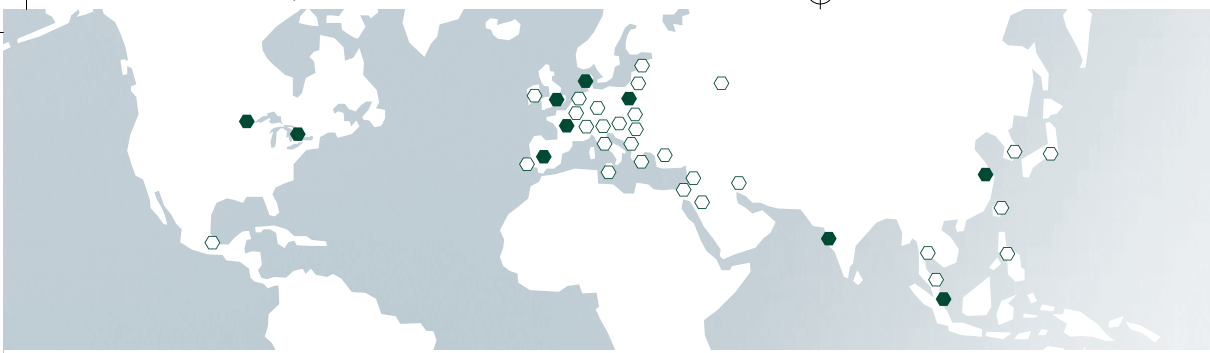
Maximum torques for Wiha 4mm interchangeable blades in Nm

## Overview of Wiha 6mm exchange blades for T-handle torque tools

Size	⦿	⦿	⦿	○	⦿
3	5,5 Nm				
4	15 Nm				
5	15 Nm				
6	15 Nm				
15		5,5 Nm	6,6 Nm		
20		10 Nm	13 Nm		
25		15 Nm	15 Nm		
27		15 Nm	15 Nm		
30		15 Nm	15 Nm		
40		15 Nm	15 Nm		
1/4"				•	•
3/8"					•

Maximum torques for Wiha 6mm interchangeable blades in Nm





## Wiha torque expertise

- Innovative in every detail
- Long-term experience
- Comprehensive range
- Optimised and developed for users
- Application-oriented problem solutions

# wiha



## Premium Tools

70 years  
Innovation.  
Quality.  
Reliability.

Your stockist:

**wiha**   
Premium Tools

**Wiha Tools Ltd.**  
Avon House, Buntsford Drive  
Stoke Heath  
Bromsgrove, Worcs. B60 4JE  
Tel. +44 1527 57 57 58  
Fax +44 1527 88 81 20  
info.uk@wiha.com  
[www.wiha.com](http://www.wiha.com)