

Battery tightening technology

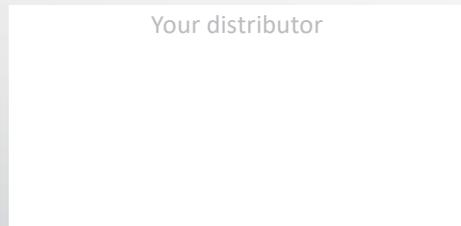
Shut-Off-Tools

Programmable Shut-Off-Tools

Tools with Torque and Angle Transducer



Your distributor



Premium Power Tools



MADE IN GERMANY



HS-Technik GmbH
High - System - Technik

8 **TorqBee® Light**

Type designation: TBxL-xx

Battery-Shut-Off-Tool

Precision shut-off clutch

-
- Programmable via USB with HST-Tool-Manager
 - Programmable parameters:
 - Current
 - Angle
 - RPM
 - Time
 - Multi-step programming (6 steps)
 - Handle vibration alarm
 - Multi-colored status LED
 - Intelligent battery management
 - Display of the tightening results
-

12 **TorqBee® SO**

Type designation: TBxSO-xx

Battery-Shut-Off-Tool

Precision shut-off clutch

Optional:
Barcode reader & Wi-Fi

-
- Programmable via USB with HST-Tool-Manager
 - Programmable parameters:
 - Current
 - Angle
 - RPM
 - Time
 - Multi-step programming (6 steps)
 - Handle vibration alarm
 - Multi-colored status LED
 - Intelligent battery management
 - Display of the tightening results
 - OLED-Display
 - Screw counter
 - Recovery (counter memory function)
 - 100 individual programs
 - Min. 150,000 results incl. tightening curves are saved in the tool
 - Documentation of the date and time of each tightening
-

16 **TorqBee® SOP**

Type designation: TBxSOP-xx

Programmable Battery-Shut-Off-DC-Tool

Precision shut-off clutch and torque reaction sensor

Optional:
Barcode reader & Wi-Fi

-
- Programmable via USB with HST-Tool-Manager
 - Programmable parameters:
 - Torque
 - Current
 - Angle
 - RPM
 - Time
 - Multi-step programming (6 steps)
 - Handle vibration alarm
 - Multi-colored status LED
 - Intelligent battery management
 - Display of the tightening results
 - OLED-Display
 - Screw counter
 - Recovery (counter memory function)
 - 100 individual programs
 - Min. 150,000 results incl. tightening curves are saved in the tool
 - Redundant system in accordance with VDI/VDE 2862
 - Documentation of the date and time of each tightening
-

20 TotiqBee® ECO

Type designation: TBxECO-xx

Programmable Battery-DC-Tool

Torque reaction sensor

Optional:

Barcode reader & Wi-Fi

-
- Programmable via USB with HST-Tool-Manager
 - Programmable parameters:
 - Torque
 - Current
 - Angle
 - RPM
 - Time
 - Multi-step programming (6 steps)
 - Handle vibration alarm
 - Multi-colored status LED
 - Intelligent battery management
 - Display of the tightening results
 - OLED-Display
 - Screw counter
 - Recovery (counter memory function)
 - 100 individual programs
 - Min. 150,000 results incl. tightening curves are saved in the tool
 - Documentation of the date and time of each tightening
-

24 TotiqBee® EC

Type designation: TBxEC-xx

Programmable Battery-DC-Tool

Rotating Torque Transducer and Angle Encoder

Optional:

Barcode reader & Wi-Fi

-
- Programmable via USB with HST-Tool-Manager
 - Programmable parameters:
 - Torque
 - Current
 - Angle
 - RPM
 - Time
 - Multi-step programming (6 steps)
 - Handle vibration alarm
 - Multi-colored status LED
 - Intelligent battery management
 - Display of the tightening results
 - OLED-Display
 - Screw counter
 - Recovery (counter memory function)
 - 100 individual programs
 - Min. 150,000 results incl. tightening curves are saved in the tool
 - The highest sensor precision on the market, torque transducer: < 1 % full scale
angle resolution: 0.1 °
 - Documentation of the date and time of each tightening
-

28 TotiqBee® EC²

Type designation: TBxEC2-xx

Programmable Battery-DC-Tool

Rotating Torque Transducer and Angle Encoder

Redundant torque reaction transducer

Optional:

Barcode reader & Wi-Fi

-
- Programmable via USB with HST-Tool-Manager
 - Programmable parameters:
 - Torque
 - Current
 - Angle
 - RPM
 - Time
 - Multi-step programming (6 steps)
 - Handle vibration alarm
 - Multi-colored status LED
 - Intelligent battery management
 - Display of the tightening results
 - OLED-Display
 - Screw counter
 - Recovery (counter memory function)
 - 100 individual programs
 - Min. 150,000 results incl. tightening curves are saved in the tool
 - The highest sensor precision on the market, torque transducer: < 1 % full scale
angle resolution: 0.1 °
 - Redundant system in accordance with VDI/VDE 2862
 - Documentation of the date and time of each tightening
-

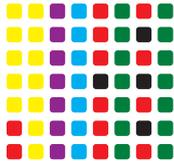
TotqBee® -Series

Features



OLED-Display*

Visualization of tightening results and tool status.



Multicolor LED control light

Individually programmable!



Intelligent battery management

Battery level indicator and effective protection against the Li-Ion battery deep discharging.



Software HST-Tool-Manager

Intuitive and quick programming of HS-Technik power tools.



Handle vibration alarm

NOK status



Job / Sequence*

Allows for sequences to be processed without additional controller.



Optional barcode reader integrated into the tool*

Barcodes with up to 64 characters can be read and processed.



Optional Wi-Fi for data transmission*

Connection to HST Controller.



03 / 05

Recovery (counter memory function)*

Status memory for the screw counter when changing the battery.

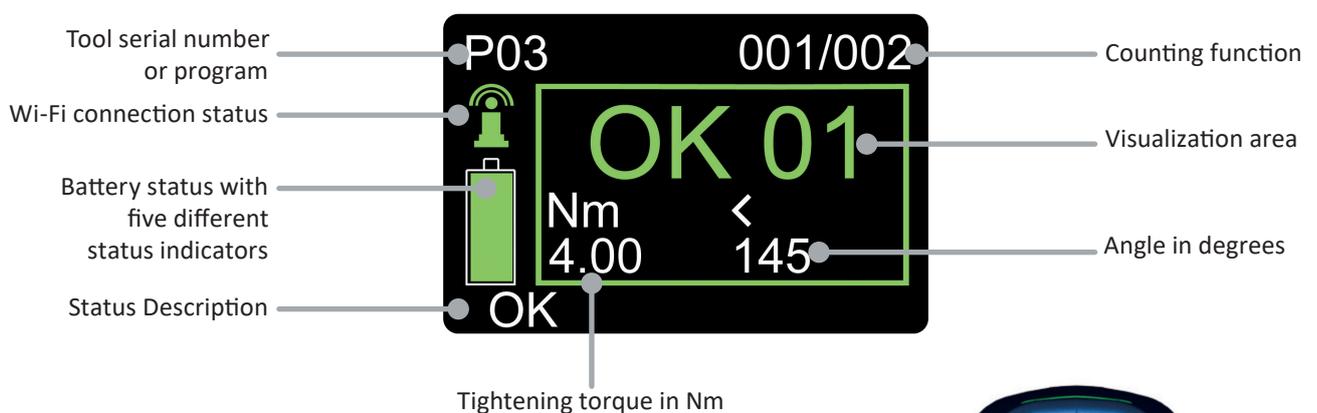
*Not available in the Light version.

TorqBee® -Series

Overview of features

| TorqBee® Features | Light | SO | SOP | ECO | EC | EC ² |
|--|--------|---------|---------|---------|---------|-----------------|
| Multicolor LED control light | • | • | • | • | • | • |
| Intelligent battery management | • | • | • | • | • | • |
| HST-Tool-Manager programming software | • | • | • | • | • | • |
| Handle vibration alarm | • | • | • | • | • | • |
| Mechanical shut-off clutch | • | • | • | | | |
| OLED-Display | | • | • | • | • | • |
| Counting function for screws | | • | • | • | • | • |
| Job / Sequence | | • | • | • | • | • |
| Optional barcode reader | | • | • | • | • | • |
| Optional Wi-Fi | | • | • | • | • | • |
| Rotating torque transducer and angle encoder | | | | | • | • |
| Torque reaction sensor | | | • | • | | • |
| Further information | Page 8 | Page 12 | Page 16 | Page 20 | Page 24 | Page 28 |

OLED-Display



The display on the TorqBee® was developed so the operator is intuitively guided through the process steps and can view the quality of the screw connection at any time.



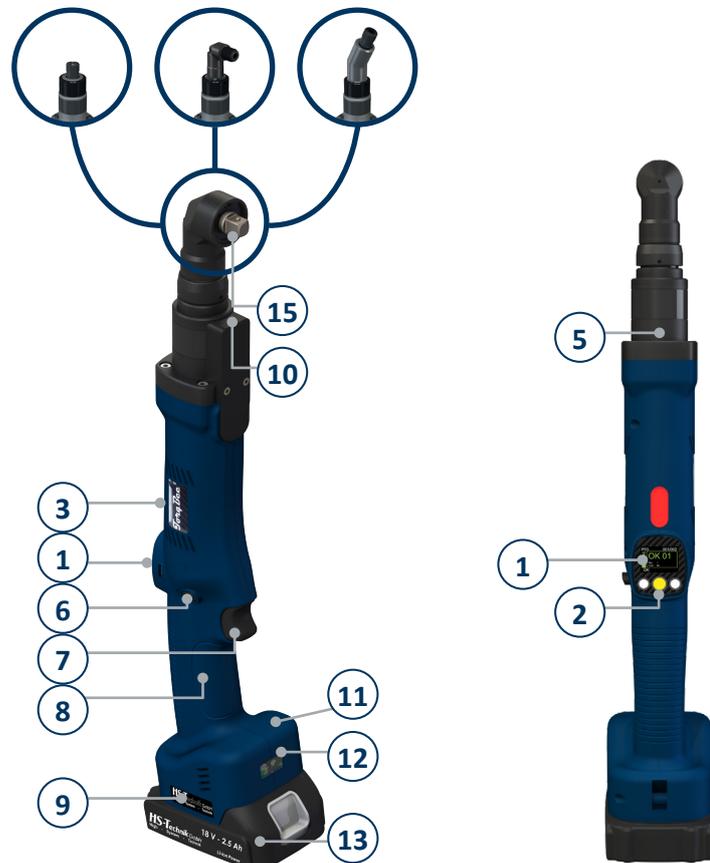
TotqBee® -Series

Overview

- 1 OLED-Display to guide operator***
- 2 Multi-colored LED indicator**
Tool status information for operator.
LED visible from all angles.
- 3 Brushless motor**
for a higher idle speed and faster, powerful
working capacity, maintenance-free
- 4 Color index**
easy machine and area of application
torque assignment
- 5 Clutch access****
The mechanical shut-off clutch can be
quickly and easily adjusted
- 6 Clockwise/counterclockwise rotation**
perfect operation thanks to push trigger
- 7 Start button**
ergonomic form
- 8 Ergonomic handle**
to better guide the tool
incl. handle vibration alarm
- 9 USB port**
Can be programmed for your specific
application
- 10 Powerful LED**
optimum illumination even in
poor lighting conditions
- 11 Optional Wi-Fi***
Wi-Fi 2.4 & 5 GHz
- 12 Optional barcode reader***
- 13 Premium Li-Ion battery**
18 Volt, 2.5 Ah / 5.0 Ah
- 14 1/4" hex. adapter**
- 15 3/8" square drive tool adapter**
Output may vary depending on the
angle head



Various angle heads and adapters available!



* Not available in the Light version.

**Not available in the ECO, EC and EC² version.

| Screwdriver type | Joint | HST-PR-1825 | HST-PR-1850 |
|------------------|-------|-------------|-------------|
| TBPL/SO/SOP-4 | hard | 3,600 | 7,000 |
| | soft | 2,500 | 4,900 |
| TBPL/SO/SOP-12 | hard | 1,650 | 3,200 |
| | soft | 600 | 1,100 |
| TBPECO/EC/EC2-12 | hard | 1,900 | 3,600 |
| | soft | 650 | 1,200 |
| TBAL/SO/SOP-12 | hard | 1,750 | 3,300 |
| | soft | 650 | 1,200 |
| TBAL/SO/SOP-85 | hard | * | 600 |
| | soft | * | 250 |
| TBAECO/EC/EC2-20 | hard | 950 | 1,800 |
| | soft | 450 | 850 |
| TBAECO/EC/EC2-85 | hard | * | 700 |
| | soft | * | 300 |

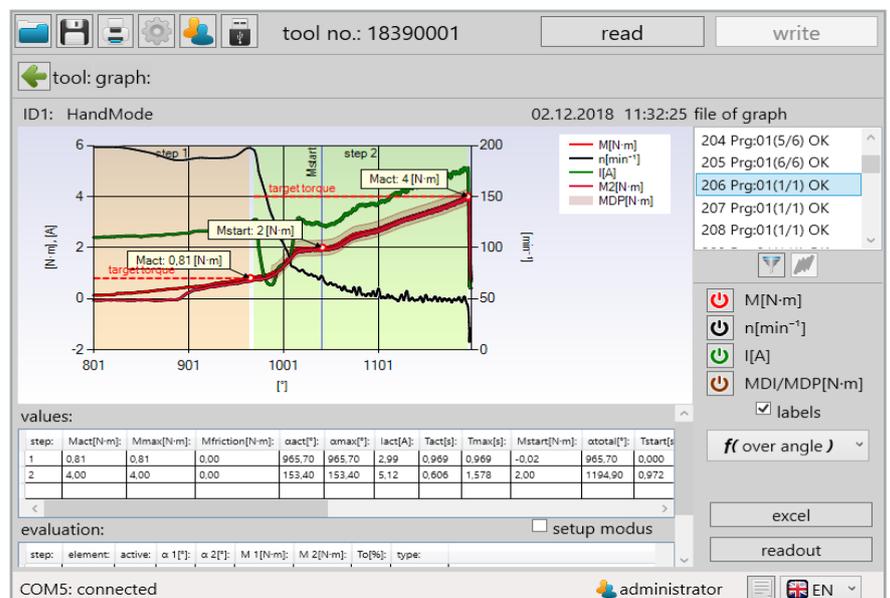
* Battery not suitable for this tool model.

Note: The information in the table may deviate from the stated values, depending on the screw connection.

Realistic joint analysis

Tools from the SOP-, EC- and EC²-series tools are excellent for Joint analysis.

The torque/angle curve is recorded directly in the tool, without additional hardware and can be exported to Microsoft® Excel for additional analysis and reports.



TorqBee® Light-Series

Shut-Off-Clutch-Tool

- Precision shut-off clutch
- Torque accuracy
 - ≤ +/- 5 %
- 6-step programmability
 - Current
 - Angle
 - RPM
 - Time
- Handle vibration alarm
- Multi-colored LED indicator, visible from all angles
- Intelligent battery management
- Brushless high-power motor
- Recuperation extends the battery life
- Brake energy recovery extends the battery life
- Maximum ergonomics
- LED to illuminate the tightening area
- Updates can be installed via USB

For further information on the programming software, please visit our website.



TorqBee® Light

- The low-cost version with programming option
- Suitable for class C joints
- 6-step programmability

TotqBee® Light-Series

Pistol Tool



| Pistol Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|---------------------------|--|-----------------|---------------|--|-----------------------|
| TBPL-4 | 1.0 - 4.0 Nm (8.85 - 35.40 lbf in) | 60 - 1,300 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPL-6 | 2.0 - 6.5 Nm (17.70 - 57.53 lbf in) | 50 - 1,040 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPL-10 | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 740 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPL-12 | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 530 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPL-xxLSP3 ¹⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBAL-xxRA ²⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |

¹⁾ Pistol tool with Lübbering LSP3 interface

²⁾ Pistol tool with adapter for torque reaction arm

TorqBee® Light-Series

Angle Tool



| Angle Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|----------------------|---|-----------------|--------------|--|-----------------------|
| TBAL-10-2 (4) | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 700 rpm | 1/4" square | 460 x 72 x 94 mm (18.11 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBAL-12-3 | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 480 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBAL-20-3 | 5.0 - 20.0 Nm (44.25 - 177.01 lbf in) | 20 - 340 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBAL-30-3 | 15.0 - 30.0 Nm (132.76 - 265.52 lbf in) | 10 - 200 rpm | 3/8" square | 510 x 72 x 94 mm (20.08 x 2.83 x 3.70 in) | 2.20 kg (4.85 lbs) |
| TBAL-55-3 (5) | 25.0 - 55.0 Nm (221.27 - 486.79 lbf in) | 10 - 120 rpm | 3/8" square | 580 x 72 x 94 mm (22.83 x 2.83 x 3.70 in) | 2.67 kg (5.89 lbs) |
| TBAL-85-5 | 30.0 - 85.0 Nm (265.52 - 752.31 lbf in) | 10 - 80 rpm | 1/2" square | 630 x 72 x 94 mm (24.80 x 2.83 x 3.70 in) | 3.00 kg (6.61 lbs) |
| TBAL-100-5 | 35.0 - 100.0 Nm (309.78 - 885.08 lbf in) | 6 - 70 rpm | 1/2" square | 642 x 72 x 94 mm (25.28 x 2.83 x 3.70 in) | 3.67 kg (8.09 lbs) |

2 = 1/4" square
 3 = 3/8" square
 4 = 1/4" hex E
 5 = 1/2" square

Above 60 Nm, the tool must be operated with a suitable torque reaction arm!
 Safety feature: From TBAL-30 second start trigger available.

Dimensions and weight indications without battery.

Angle heads for the TorqBee® series
 can be found starting on page 32.



TotqBee® Light-Series

Straight Tool



| Straight Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|---------------|--|-----------------|---------------|--|-----------------------|
| TBSL-4 | 1.0 - 4.0 Nm (8.85 - 35.40 lbf in) | 60 - 1,300 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSL-6 | 2.0 - 6.5 Nm (17.70 - 57.53 lbf in) | 50 - 1,040 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSL-10 | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 740 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSL-12 | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 530 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |

Dimensions and weight indications without battery.

TorqBee® SO-Series

Programmable Shut-Off-Clutch-Tool

- **Precision shut-off clutch**
- **Torque accuracy**
≤ +/- 5 %
- **6-step programmability**
 - Current
 - Angle
 - RPM
 - Time
- **Handle vibration alarm**
- **Multi-colored LED indicator, visible from all angles**
- **Intelligent battery management**
- **Brushless high-power motor**
- **Display of the tightening results**
- **Recuperation extends the battery life**
- **Maximum ergonomics**
- **LED to illuminate the tightening area**
- **Updates can be installed via USB**
- **OLED-Display**
- **Screw counter**
- **Counter memory function**
- **100 individual programs**
- **Min. 150,000 tightening results with current / angle are stored in the tool**
- **Optional: Barcode reader and Wi-Fi**

For further information on the programming software, please visit our website.



TorqBee® SO – Benefits in comparison to the tool on the previous pages

- OLED-Display for operator information
- Screw counter function
- Optional Wi-Fi (2.4 & 5 GHz) and barcode reader

TotqBee® SO-Series

Pistol Tool



| Pistol Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|----------------------------|--|-----------------|---------------|--|-----------------------|
| TBPSO-4* | 1.0 - 4.0 Nm (8.85 - 35.40 lbf in) | 60 - 1,300 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSO-6* | 2.0 - 6.5 Nm (17.70 - 57.53 lbf in) | 50 - 1,040 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSO-10* | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 740 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSO-12* | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 530 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSO-xxLSP3 ¹⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSO-xxRA* ²⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

¹⁾ Pistol tool with LÜBBERING LSP3 interface

²⁾ Pistol tool with adapter for torque reaction arm

Dimensions and weight indications without battery.

TorqBee® SO-Series

Angle Tool



| Angle Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|------------------------|---|-----------------|--------------|--|-----------------------|
| TBASO-10*-2 (4) | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 700 rpm | 1/4" square | 460 x 72 x 94 mm (18.11 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBASO-12*-3 | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 480 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBASO-20*-3 | 5.0 - 20.0 Nm (44.25 - 177.01 lbf in) | 20 - 340 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBASO-30*-3 | 15.0 - 30.0 Nm (132.76 - 265.52 lbf in) | 10 - 200 rpm | 3/8" square | 510 x 72 x 94 mm (20.08 x 2.83 x 3.70 in) | 2.20 kg (4.85 lbs) |
| TBASO-55*-3 (5) | 25.0 - 55.0 Nm (221.27 - 486.79 lbf in) | 10 - 120 rpm | 3/8" square | 580 x 72 x 94 mm (22.83 x 2.83 x 3.70 in) | 2.67 kg (5.89 lbs) |
| TBASO-85*-5 | 30.0 - 85.0 Nm (265.52 - 752.31 lbf in) | 10 - 80 rpm | 1/2" square | 630 x 72 x 94 mm (24.80 x 2.83 x 3.70 in) | 3.00 kg (6.61 lbs) |
| TBASO*-100-5 | 35.0 - 100.0 Nm (309.78 - 885.08 lbf in) | 6 - 70 rpm | 1/2" square | 642 x 72 x 94 mm (25.28 x 2.83 x 3.70 in) | 3.67 kg (8.09 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

2 = 1/4" square

3 = 3/8" square

4 = 1/4" hex E

5 = 1/2" square

Above 60 Nm, the tool must be operated with a suitable torque reaction arm!
Safety feature: From TBASO-30 second start trigger available.

Dimensions and weight indications without battery.

Angle heads for the TorqBee® series
can be found starting on page 32.



TotqBee® SO-Series

Straight Tool



| Straight Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|---------------|--|-----------------|---------------|--|-----------------------|
| TBSSO-4* | 1.0 - 4.0 Nm (8.85 - 35.40 lbf in) | 60 - 1,300 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSSO-6* | 2.0 - 6.5 Nm (17.70 - 57.53 lbf in) | 50 - 1,040 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSSO-10* | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 740 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSSO-12* | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 530 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

Dimensions and weight indications without battery.

TorqBee® SOP-Series

Programmable Shut-Off-Clutch-Tool with Torque Reaction Sensor

- Precision shut-off clutch
- Torque reaction sensor
- Torque accuracy
 - ≤ +/- 5 %
- 6-step programmability
 - Torque
 - Current
 - Angle
 - RPM
 - Time
- Handle vibration alarm
- Multi-colored LED indicator, visible from all angles
- Intelligent battery management
- Brushless high-power motor
- Display of the tightening results
- Recuperation extends the battery life
- Maximum ergonomics
- LED to illuminate the tightening area
- Updates can be installed via USB
- OLED-Display
- Screw counter
- Counter memory function
- 100 individual programs
- Min. 150,000 tightening results incl. torque and angle curve are stored in the tool
- OK / NOK evaluation of the shut-off result, direct check of the mechanical shut-off clutch
- Can also be used as Battery-DC-Tool
- Optional: Barcode reader and Wi-Fi



For further information on the programming software, please visit our website.

TorqBee® SOP – Benefits in comparison to the tool on the previous pages

- Torque reaction sensor OK/NOK evaluation of the shut-off result
- Can also be used as Battery-DC-Tool
- Suitable for class A, B & C joints



TorqBee® SOP-Series

Pistol Tool



| Pistol Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|-----------------------------|--|-----------------|---------------|--|-----------------------|
| TBPSOP-4* | 1.0 - 4.0 Nm (8.85 - 35.40 lbf in) | 60 - 1,300 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSOP-6* | 2.0 - 6.5 Nm (17.70 - 57.53 lbf in) | 50 - 1,040 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSOP-10* | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 740 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSOP-12* | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 530 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSOP-xxLSP3 ¹⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |
| TBPSOP-xxRA* ²⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.20 kg (2.65 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

¹⁾ Pistol tool with Lübberring LSP3 interface

²⁾ Pistol tool with adapter for torque reaction arm

Dimensions and weight indications without battery.

TorqBee® SOP-Series

Angle Tool



| Angle Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|-------------------------|---|-----------------|--------------|--|-----------------------|
| TBASOP-10*-2 (4) | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 700 rpm | 1/4" square | 460 x 72 x 94 mm (18.11 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBASOP-12*-3 | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 480 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBASOP-20*-3 | 5.0 - 20.0 Nm (44.25 - 177.01 lbf in) | 20 - 340 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.50 kg (3.31 lbs) |
| TBASOP-30*-3 | 15.0 - 30.0 Nm (132.76 - 265.52 lbf in) | 10 - 200 rpm | 3/8" square | 510 x 72 x 94 mm (20.08 x 2.83 x 3.70 in) | 2.20 kg (4.85 lbs) |
| TBASOP-55*-3 (5) | 25.0 - 55.0 Nm (221.27 - 486.79 lbf in) | 10 - 120 rpm | 3/8" square | 580 x 72 x 94 mm (22.83 x 2.83 x 3.70 in) | 2.67 kg (5.89 lbs) |
| TBASOP-85*-5 | 30.0 - 85.0 Nm (265.52 - 752.31 lbf in) | 10 - 80 rpm | 1/2" square | 630 x 72 x 94 mm (24.80 x 2.83 x 3.70 in) | 3.00 kg (6.61 lbs) |
| TBASOP*-100-5 | 35.0 - 100.0 Nm (309.78 - 885.08 lbf in) | 6 - 70 rpm | 1/2" square | 642 x 72 x 94 mm (25.28 x 2.83 x 3.70 in) | 3.67 kg (8.09 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

2 = 1/4" square

3 = 3/8" square

4 = 1/4" hex E

5 = 1/2" square

Above 60 Nm, the tool must be operated with a suitable torque reaction arm!
Safety feature: From TBAX-30 second start trigger available.

Dimensions and weight indications without battery.

Angle heads for the TorqBee® series
can be found starting on page 32.



TotqBee® SOP-Series

Straight Tool



| Straight Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|-------------------|--|-----------------|---------------|--|-----------------------|
| TBSSOP-4* | 1.0 - 4.0 Nm (8.85 - 35.40 lbf in) | 60 - 1,300 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSSOP-6* | 2.0 - 6.5 Nm (17.70 - 57.53 lbf in) | 50 - 1,040 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSSOP-10* | 2.0 - 9.0 Nm (17.70 - 79.66 lbf in) | 40 - 740 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |
| TBSSOP-12* | 3.0 - 13.0 Nm (26.55 - 115.06 lbf in) | 30 - 530 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.30 kg (2.87 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

Dimensions and weight indications without battery.

TorqBee® ECO-Series

Programmable ECO-EC-Tool

- **Torque transducer**
- **Torque accuracy**
≤ +/- 4 %
- **6-step programmability**
 - Torque
 - Current
 - Angle
 - RPM
 - Time
- **Handle vibration alarm**
- **Multi-colored LED indicator, visible from all angles**
- **Intelligent battery management**
- **Brushless high-power motor**
- **Display of the tightening results**
- **Recuperation extends the battery life**
- **Maximum ergonomics**
- **LED to illuminate the tightening area**
- **Updates can be installed via USB**
- **OLED-Display**
- **Screw counter**
- **Counter memory function**
- **100 individual programs**
- **Min. 150,000 tightening results incl. torque and angle curve are stored in the tool**
- **OK / NOK evaluation of the shut-off result**
- **All common tightening strategies can be programmed**
- **Optional: Barcode reader and Wi-Fi**

For further information on the programming software, please visit our website.



TorqBee® ECO – Benefits in comparison to the tool on the previous pages

- Torque transducer for the highest level of precision
- Suitable for class A, B & C joints

TorqBee® ECO-Series

Pistol Tool



| Pistol Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L × W × H | Weight |
|-----------------|--|-----------------|---------------|--|-----------------------|
| TBPECO-12* | 2.0 - 14.0 Nm (17.70 - 123.91 lbf in) | 20 - 530 rpm | 1/4" - Form E | 230 × 72 × 211 mm (9.06 × 2.83 × 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPECO-xxLSP3 | upon request | upon request | upon request | 230 × 72 × 211 mm (9.06 × 2.83 × 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPECO-xxRA* 1) | upon request | upon request | upon request | 230 × 72 × 211 mm (9.06 × 2.83 × 8.30 in) | 1.15 kg (2.54 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

¹⁾ Pistol tool with Lübberring LSP3 interface

²⁾ Pistol tool with adapter for torque reaction arm

Dimensions and weight indications without battery.

TorqBee® ECO-Series

Angle Tool



| Angle Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|------------------|--|-----------------|--------------|--|-----------------------|
| TBAECO-12*-3 | 5.0 - 12.0 Nm (44.25 - 106.21 lbf in) | 20 - 480 rpm | 3/8" square | 463 x 72 x 94 mm (18.23 x 2.83 x 3.70 in) | 1.45 kg (3.20 lbs) |
| TBAECO-20*-3 | 5.0 - 20.0 Nm (44.25 - 177.01 lbf in) | 15 - 340 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.45 kg (3.20 lbs) |
| TBAECO-30*-3 | 10.0 - 30.0 Nm (88.51 - 265.52 lbf in) | 10 - 200 rpm | 3/8" square | 530 x 72 x 94 mm (20.87 x 2.83 x 3.70 in) | 2.25 kg (4.96 lbs) |
| TBAECO-55*-3 (5) | 20.0 - 55.0 Nm (177.01 - 486.79 lbf in) | 5 - 120 rpm | 3/8" square | 586 x 72 x 94 mm (23.07 x 2.83 x 3.70 in) | 2.67 kg (5.89 lbs) |
| TBAECO-85*-5 | 30.0 - 85.0 Nm (265.52 - 752.31 lbf in) | 4 - 80 rpm | 1/2" square | 630 x 72 x 94 mm (24.80 x 2.83 x 3.70 in) | 3.00 kg (6.61 lbs) |
| TBAECO*-120-5 | 35.0 - 120.0 Nm (309.77 - 1062.09 lbf in) | 3 - 70 rpm | 1/2" square | 647 x 72 x 94 mm (25.47 x 2.83 x 3.70 in) | 3.40 kg (7.50 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

3 = 3/8" square

5 = 1/2" square

Above 60 Nm, the tool must be operated with a suitable torque reaction arm!
Safety feature: From TBAx-30 second start trigger available.

Dimensions and weight indications without battery.

Angle heads for the TorqBee® series
can be found starting on page 32.



TotqBee® ECO-Series

Straight Tool



| Straight Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|---------------|--|-----------------|---------------|--|-----------------------|
| TBSECO-12* | 2.0 - 14.0 Nm (17.70 - 123.91 lbf in) | 20 - 530 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.22 kg (2.69 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

TorqBee® EC-Series

Programmable DC-Tool with Torque Transducer and Angle Encoder

- Rotating torque transducer and angle encoder
- Torque accuracy
 - ≤ +/- 2,5 %
- 6-step programmability
 - Torque
 - Current
 - Angle
 - RPM
 - Time
- Handle vibration alarm
- Multi-colored LED indicator, visible from all angles
- Intelligent battery management
- Brushless high-power motor
- Display of the tightening results
- Recuperation extends the battery life
- Maximum ergonomics
- LED to illuminate the tightening area
- Updates can be installed via USB
- OLED-Display
- Screw counter
- Counter memory function
- 100 individual programs
- Min. 150,000 tightening results incl. torque and angle curve are stored in the tool
- OK / NOK evaluation of the shut-off result
- All common tightening strategies can be programmed
- Optional: Barcode reader and Wi-Fi

For further information on the programming software, please visit our website.



TorqBee® EC – Benefits in comparison to the tool on the previous pages

- Rotating torque transducer and angle encoder for the highest level of precision
- Highest level of precision even when running counterclockwise
- Suitable for class A, B & C joints

TorgBee® EC-Series

Pistol Tool



| Pistol Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|----------------------------|---|-----------------|---------------|--|-----------------------|
| TBPEC-10* | 0.8 - 11.0 Nm (7.08 - 97.36 lbf in) | 20 - 740 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPEC-12* | 1.0 - 14.0 Nm (8.85 - 123.91 lbf in) | 20 - 530 rpm | 1/4" - Form E | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPEC-xxLSP3 ¹⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPEC-xxRA* ²⁾ | upon request | upon request | upon request | 230 x 72 x 211 mm (9.06 x 2.83 x 8.30 in) | 1.15 kg (2.54 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

¹⁾ Pistol tool with Lubbering LSP3 interface

²⁾ Pistol tool with adapter for torque reaction arm

Dimensions and weight indications without battery.

TorqBee® EC-Series

Angle Tool



| Angle Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|------------------------|--|-----------------|--------------|--|-----------------------|
| TBAEC-10*-2 (4) | 1.5 - 10.0 Nm (13.28 - 88.51 lbf in) | 20 - 700 rpm | 1/4" square | 487 x 72 x 94 mm (19.17 x 2.83 x 3.70 in) | 1.43 kg (3.15 lbs) |
| TBAEC-12*-3 | 2.0 - 12.0 Nm (17.70 - 106.21 lbf in) | 20 - 520 rpm | 3/8" square | 463 x 72 x 94 mm (18.23 x 2.83 x 3.70 in) | 1.45 kg (3.20 lbs) |
| TBAEC-20*-3 | 5.0 - 20.0 Nm (44.25 - 177.01 lbf in) | 16 - 370 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.45 kg (3.20 lbs) |
| TBAEC-30*-3 | 10.0 - 30.0 Nm (88.51 - 265.52 lbf in) | 10 - 240 rpm | 3/8" square | 530 x 72 x 94 mm (20.87 x 2.83 x 3.70 in) | 2.25 kg (4.96 lbs) |
| TBAEC-55*-3 (5) | 20.0 - 55.0 Nm (177.01 - 486.79 lbf in) | 6 - 130 rpm | 3/8" square | 586 x 72 x 94 mm (23.07 x 2.83 x 3.70 in) | 2.67 kg (5.89 lbs) |
| TBAEC-85*-5 | 30.0 - 85.0 Nm (265.52 - 752.31 lbf in) | 3 - 80 rpm | 1/2" square | 630 x 72 x 94 mm (24.80 x 2.83 x 3.70 in) | 3.00 kg (6.61 lbs) |
| TBAEC*-120-5 | 35.0 - 120.0 Nm (309.78 - 1062.09 lbf in) | 2 - 60 rpm | 1/2" square | 647 x 72 x 94 mm (25.47 x 2.83 x 3.70 in) | 3.40 kg (7.50 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

2 = 1/4" square

3 = 3/8" square

4 = 1/4" hex E

5 = 1/2" square

Above 60 Nm, the tool must be operated with a suitable torque reaction arm!
Safety feature: From TBAX-30 second start trigger available.

Dimensions and weight indications without battery.

Angle heads for the TorqBee® series
can be found starting on page 32.



TotqBee® EC-Series

Straight Tool



| Straight Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|------------------|---|-----------------|---------------|--|-----------------------|
| TBSEC-10* | 0.8 - 11.0 Nm (7.08 - 97.36 lbf in) | 20 - 740 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.22 kg (2.69 lbs) |
| TBSEC-12* | 1.0 - 14.0 Nm (8.85 - 123.91 lbf in) | 20 - 530 rpm | 1/4" - Form E | 410 x 72 x 94 mm (16.14 x 2.83 x 3.70 in) | 1.22 kg (2.69 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

TorqBee® EC²-Series

Programmable DC-Tool with Action and Reaction Transducer (Redundancy)

- Rotating torque transducer and angle encoder + redundant torque reaction sensor
- Torque accuracy
≤ +/- 2,5 %
- 6-step programmability
 - Torque
 - Current
 - Angle
 - RPM
 - Time
- Handle vibration alarm
- Multi-colored LED indicator, visible from all angles
- Intelligent battery management
- Brushless high-power motor
- Display of the tightening results
- Recuperation extends the battery life
- Maximum ergonomics
- LED to illuminate the tightening area
- Updates can be installed via USB
- OLED-Display
- Screw counter
- Counter memory function
- 100 individual programs
- Min. 150,000 tightening results incl. torque and angle curve are stored in the tool
- OK / NOK evaluation of the shut-off result
- All common tightening strategies can be programmed
- Torque reaction sensor as a redundancy VDI / VDE 2862
- Optional: Barcode reader and Wi-Fi



For further information on the programming software, please visit our website.

TorqBee® EC² – Benefits in comparison to the tool on the previous pages

- Torque reaction sensor as a redundancy for rotating torque transducer
- Angle of the brushless motor as a redundancy for the angle encoder
- Suitable for class A, B & C joints and hand-guided systems (in accordance with VDI 2862)



TorqBee® EC²-Series

Pistol Tool



| Pistol Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L × W × H | Weight |
|-----------------------------|---|-----------------|---------------|--|-----------------------|
| TBPEC2-10* | 0.8 - 11.0 Nm (7.08 - 97.36 lbf in) | 20 - 740 rpm | 1/4" - Form E | 230 × 72 × 211 mm (9.06 × 2.83 × 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPEC2-12* | 1.0 - 14.0 Nm (8.85 - 123.91 lbf in) | 20 - 530 rpm | 1/4" - Form E | 230 × 72 × 211 mm (9.06 × 2.83 × 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPEC2-xxLSP3 ¹⁾ | upon request | upon request | upon request | 230 × 72 × 211 mm (9.06 × 2.83 × 8.30 in) | 1.15 kg (2.54 lbs) |
| TBPEC2-xxRA* ²⁾ | upon request | upon request | upon request | 230 × 72 × 211 mm (9.06 × 2.83 × 8.30 in) | 1.15 kg (2.54 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

¹⁾ Pistol tool with Lubbering LSP3 interface

²⁾ Pistol tool with adapter for torque reaction arm

Dimensions and weight indications without battery.

TorqBee® EC²-Series

Angle Tool



| Angle Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L x W x H | Weight |
|-------------------------|--|-----------------|--------------|--|-----------------------|
| TBAEC2-10*-2 (4) | 1.5 - 10.0 Nm (13.28 - 88.51 lbf in) | 20 - 700 rpm | 1/4" square | 487 x 72 x 94 mm (19.17 x 2.83 x 3.70 in) | 1.43 kg (3.15 lbs) |
| TBAEC2-12*-3 | 2.0 - 12.0 Nm (17.70 - 106.21 lbf in) | 20 - 520 rpm | 3/8" square | 463 x 72 x 94 mm (18.23 x 2.83 x 3.70 in) | 1.45 kg (3.20 lbs) |
| TBAEC2-20*-3 | 5.0 - 20.0 Nm (44.25 - 177.01 lbf in) | 16 - 370 rpm | 3/8" square | 452 x 72 x 94 mm (17.80 x 2.83 x 3.70 in) | 1.45 kg (3.20 lbs) |
| TBAEC2-30*-3 | 10.0 - 30.0 Nm (88.51 - 265.52 lbf in) | 10 - 240 rpm | 3/8" square | 530 x 72 x 94 mm (20.87 x 2.83 x 3.70 in) | 2.25 kg (4.96 lbs) |
| TBAEC2-55*-3 (5) | 20.0 - 55.0 Nm (177.01 - 486.79 lbf in) | 6 - 130 rpm | 3/8" square | 586 x 72 x 94 mm (23.07 x 2.83 x 3.70 in) | 2.67 kg (5.89 lbs) |
| TBAEC2-85*-5 | 30.0 - 85.0 Nm (265.52 - 752.31 lbf in) | 3 - 80 rpm | 1/2" square | 630 x 72 x 94 mm (24.80 x 2.83 x 3.70 in) | 3.00 kg (6.61 lbs) |
| TBAEC2*-120-5 | 35.0 - 120.0 Nm (309.78 - 1062.09 lbf in) | 2 - 60 rpm | 1/2" square | 647 x 72 x 94 mm (25.47 x 2.83 x 3.70 in) | 3.40 kg (7.50 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

2 = 1/4" square

3 = 3/8" square

4 = 1/4" hex E

5 = 1/2" square

Above 60 Nm, the tool must be operated with a suitable torque reaction arm!
Safety feature: From TBAx-30 second start trigger available.

Dimensions and weight indications without battery.

Angle heads for the TorqBee® series
can be found starting on page 32.



TotqBee® EC²-Series

Straight Tool



| Straight Tool | Torque | Speed (neutral) | Tool adapter | Dimensions L × W × H | Weight |
|-------------------|---|-----------------|---------------|--|-----------------------|
| TBSEC2-10* | 0.8 - 11.0 Nm (7.08 - 97.36 lbf in) | 20 - 740 rpm | 1/4" - Form E | 410 × 72 × 94 mm (16.14 × 2.83 × 3.70 in) | 1.22 kg (2.69 lbs) |
| TBSEC2-12* | 1.0 - 14.0 Nm (8.85 - 123.91 lbf in) | 20 - 530 rpm | 1/4" - Form E | 410 × 72 × 94 mm (16.14 × 2.83 × 3.70 in) | 1.22 kg (2.69 lbs) |

*W = Wi-Fi option

*B = Barcode reader option

*WB = Wi-Fi & barcode reader option

Dimensions and weight indications without battery.

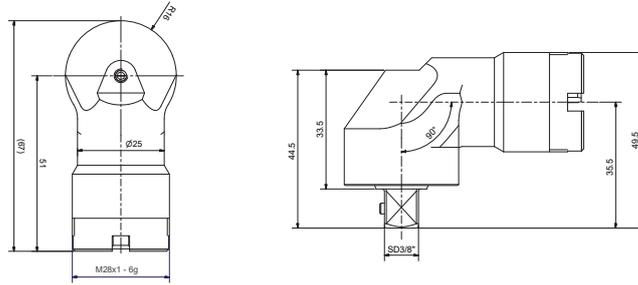
TotqBee® Angle heads

for Shut-Off-Tools

Angle head 030000267

- TBAL-12/20
- TBASO-12/20
- TBASOP-12/20
- TBAECO-12/20

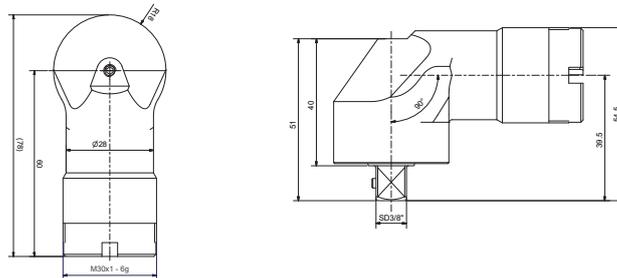
Max. torque: 20 Nm
Output: 3/8" square
Weight: 234 g



Angle head 03000268

- TBAL-30
- TBASO-30
- TBASOP-30
- TBAECO-30

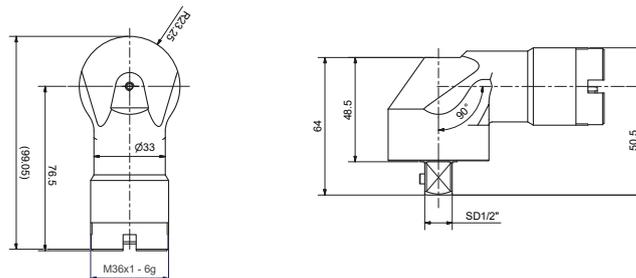
Max. torque: 30 Nm
Output: 3/8" square
Weight: 338 g



Angle head 030000269

- TBAL-55
- TBASO-55
- TBASOP-55
- TBAECO-55

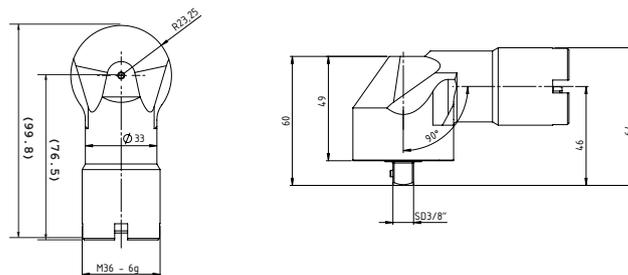
Max. torque: 55 Nm
Output: 1/2" square
Weight: 651 g



Angle head 030000339

- TBAL-55
- TBASO-55
- TBASOP-55
- TBAECO-55

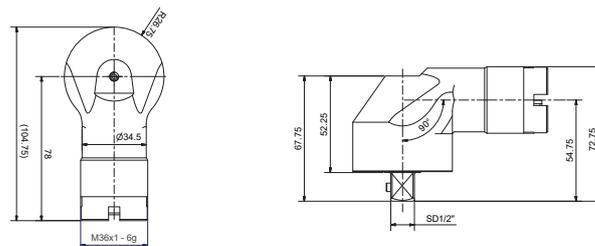
Max. torque: 55 Nm
Output: 3/8" square
Weight: 651 g



Angle head 030000270

- TBAL-85
- TBASO-85
- TBASOP-85
- TBAECO-85

Max. torque: 85 Nm
Output: 1/2" square
Weight: 818 g



Further technical data incl. drive tool on request.

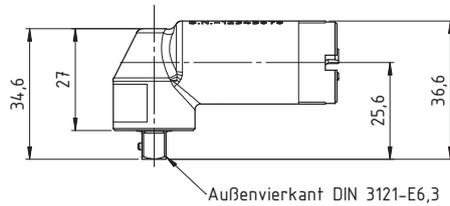
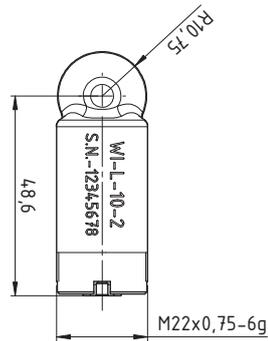
TotqBee® Angle heads

for Shut-Off- and DC-Tools

Angle head WI-L-10-2

- TBAL-10
- TBASO-10
- TBASOP-10
- TBAECO-10
- TBAEC-10
- TBAEC2-10

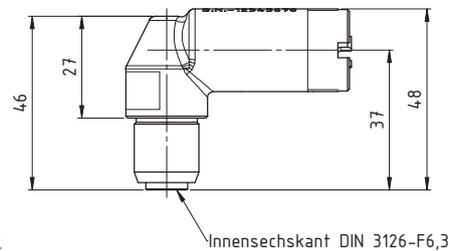
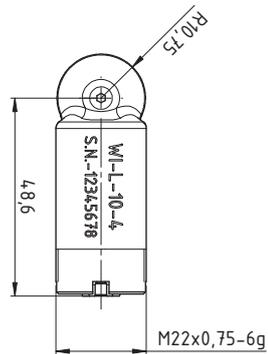
Max. torque: 10 Nm
 Output: 1/4" square
 Weight: 116 g



Angle head WI-L-10-4

- TBAL-10
- TBASO-10
- TBASOP-10
- TBAECO-10
- TBAEC-10
- TBAEC2-10

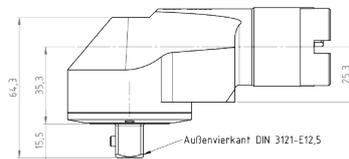
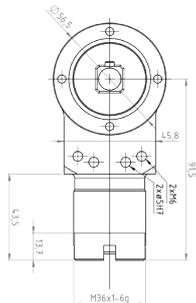
Max. torque: 10 Nm
 Output: 1/4" hexagon Form E
 Weight: 138 g



Angle head WI-L-120-1/2

- TBAL-100
- TBASO-100
- TBASOP-100
- TBAECO-120
- TBAEC-120
- TBAEC2-120

Max. torque: 120 Nm
 Output: 1/2" square
 Weight: 170 g



TorqBee® Accessories

Color index, easy assignment of the machine

HST-TB-GEH-RING-blue/yellow/red/silver



TorqBee® EC/EC2 screwdriver adapter on carbon torque reaction arm

HST-3581



Protective cover for TorqBee pistol tool

TB-P-Cover

030100314 (20 = 12/12 Nm angle head)

030000315 (30 = 30 Nm angle head)

030000316 (55 = 55 Nm angle head)

030000363 (10 = 10 Nm angle head)



Tool holder THS series

for riveters, straight/angle/pistol screwdrivers



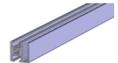
1



2



3



4

| Order no. | Ref. | Description |
|---------------|------|--|
| HST-THS | 1 | Tool holder set consisting of 2 pieces |
| HST-TH-RAIL | 2 | Rail 45 × 45, length 500 mm |
| HST-TH-STAND | 3 | Stand for rail, height 1,000 mm |
| HST-TH-PROFIL | 4 | Profile for material boxes |

Torque Adjust

Adjustment tool

Torque-Adjust 030000243



Universal tool holder

HST-THS

Tool holder set, for 8 mm aluminum profiles, 42-70 mm Set consisting of 2 brackets



Tool holder for pistol screwdriver

030000377

Easily installed in the workplace

Adjustable incline for ergonomic working

Increased safety and organisation in the workplace



TorqBee® Accessories

Mounts

Clamping on the housing

Suitable for all TBA and TBS
HST-3618



Clamping on the EC intermediate gearbox

TBAEC-30/55/85 or based on
TBAEC-30/55/85 HST-3580



Vertical suspension

Suitable for all TBS
HST-3624



Battery

| Order no. | HST-PR-1825 | HST-PR-1850 |
|-----------------|---|-------------|
| Voltage | 18 V | 18 V |
| Capacity | 2.5 Ah | 5.0 Ah |
| Compatible with | TorqBee-Series, NutBee-Series, RivBee-Series and more | |
| Weight | 350 g | 600 g |



HST-PR-1825

HST-PR-1850

Battery cover

| Order no. | Suitable for battery |
|------------|----------------------|
| Cover-1825 | HST-PR-1825 |
| Cover-1850 | HST-PR-1850 |



Cover-1825

Cover-1850

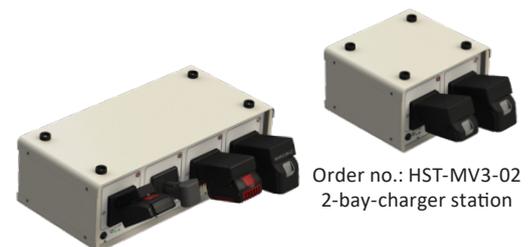
HST-PR-2830 (Single charger)

| Order no. | HST-PR-2830 / HST-PR-2830-USA |
|----------------------|---|
| Input | 220 - 240 V AC, 50 - 60 Hz / 110 V AC, 50 - 60 Hz |
| Charging current | 3 A |
| Output | max. 21 V |
| Charging time | max. 55 min with 2.5 Ah battery |
| Shut-off criteria | ΔU, temperature shut-off |
| Weight | approx. 550 g |
| Dimensions W × H × D | approx. 85 × 110 × 155 mm |



HST-MV3 (Multi-bay-charger)

| Order-No. | HST-MV3-02 / HST-MV3-04 / HST-MV3-04W | |
|--|--|--------------------|
| Input | 85 - 260 V AC, 47 - 63 Hz | |
| Power output | max. 624 W | |
| Efficiency | > 89 % | |
| Output | 56 V / 624 VA | |
| Power supply ventilator | ≤ 45°C (OFF) ≥ 50°C (ON) | |
| Weight | HST-MV3-02 | ca. 4.7 kg |
| | HST-MV3-04 | ca. 7.6 kg (Row) |
| | HST-MV3-04W | ca. 7.6 kg (Cube) |
| Dimensions W × H × D without battery adapter, incl. feet | HST-MV3-02 | 289 × 182 × 260 mm |
| | HST-MV3-04 | 539 × 182 × 260 mm |
| | HST-MV3-04W | 289 × 330 × 260 mm |
| Tested | CE, EN55022B, EN61000-3-2,-3, EN61000-4-2, 3, 4, 5, 6, 8, 11 EN60950 | |



Order no.: HST-MV3-02
2-bay-charger station

Order no.: HST-MV3-04
4-bay-charger station
row form



Order no.: HST-MV3-04W
4-bay-charger station
cube form

Accessories

HST-MV3 battery adapter

The specifications of the battery cell manufacturers and the specifications of the battery pack from each manufacturer are taken into account in the charging process.

| Order no. | For battery types | |
|-------------|--|--|
| M-MV3-PR | HS-Technik HST-PR | 14.4 & 18 V Li-Ion |
| M-MV3-BH | Makita Makstar (BL) Makita Makstar (BH) HST-BL HST-BH | 14.4 & 18 V Li-Ion 9.6 - 24 V Ni-MH 14.4 & 18 V Li-Ion 9.6 - 24 V Ni-MH |
| M-MV3-BO-LI | Bosch | 14.4 & 18 V Li-Ion |
| M-MV3-BO-10 | Bosch | 10.8 V Li-Ion |
| M-MV3-BO-NI | Bosch | 7.2 - 18 V Ni-Cd & Ni-MH |
| M-MV3-FEIN | Fein ASM / ASW | 10.8 / 14.4 / 18 V Li-Ion |
| M-MV3-CPN | Atlas Copco Desoutter | 18 & 36 V Li-Ion (before 2021 3-pole batteries) 18 & 36 V Li-Ion (before 2021 3-pole batteries) |
| M-MV3-Cleco | Apex Cleco Power Tools | 26 & 44 V Li-Ion |
| M-MV3-AC30 | Atlas Copco | 18 & 30 V Li-Ion |
| M-MV3-UNI | Makita Bosch Gesipa Gesipa | 7.2 - 24 V Ni-Cd & Ni-MH 7.2 - 18 V Ni-Cd & Ni-MH 12 V Ni-Cd & Ni-MH 14.4 V Li-Ion |
| M-MV3-GE | Gesipa | 18 V Li-Ion |
| M-MV3-PA-36 | Panasonic | 3.6 V Li-Ion |
| M-MV3-PA-LI | Panasonic | 10.8 / 14.4 / 18 V Li-Ion |
| M-MV3-PA-72 | Panasonic | 7.2 V Li-Ion |
| M-MV3-IR | Ingersoll Rand | 20 & 40 V Li-Ion |
| M-MV3-SCS | SCS | 3.6 V |
| M-MV3-DES | Desoutter | 18 & 36 V Li-Ion (since 2021 with electronic) |

Example pictures:



M-MV3-PR



M-MV3-BH



M-MV3-BO-LI



M-MV3-BO-10



M-MV3-FEIN



M-MV3-CPN



M-MV3-UNI



M-MV3-PA-LI



M-MV3-PA-36

If you require battery adapters for older charging stations, please contact us.
Additional battery adapters upon request.



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