

Weller®

High-Precision Electric Screwdriver



NEW



WBTS12P Electric Screwdriver with push to start and mechanical clutch

Precision-Electric Screwdriver for industrial series-assembling

Perfect for assembly tasks with soft torque requirements. Well suited for fine screws in electro-technics, i.e. transformers, printed circuit boards, housings, etc.

Brushless Electric Screwdriver for use in industrial assembly applications

- 0.05 to 3.5 Nm torque range
- Available with digital or analogue power unit
- Brushless, maintenance free motor
- Lever and push to start versions
- Low noise < 55 dBA
- ESD safe body
- Precision switch-off
- Suitable for clean room use
- Right and left rotation via one hand switch
- Torque setting via clutch spring compression (ECL - Screwdriver; torque setting via digital controller)
- For use with 1/4" bits
- Safe torque lock
- Adjustable switch off function
- Ergonomic design for easy use
- Extensive range of accessories

Lever start Electric Screwdriver

| Order-No. | Model | Speed Rpm | Torque Range | Torque Adjustment |
|-------------|-----------|-----------|---------------|-------------------|
| T0053909199 | WBTS12L | 650 | 0,05 - 1,2 Nm | manuel |
| T0053909399 | WBTS35L | 800 | 0,5 - 3,5 Nm | manuel |
| T0053909599 | WBTS35ECL | 800 | 0,5 - 3,5 Nm | via power unit |

Push to start Electric Screwdriver

| Order-No. | Model | Speed Rpm | Torque Range | Torque Adjustment |
|-------------|---------|-----------|---------------|-------------------|
| T0053909299 | WBTS12P | 650 | 0,05 - 1,2 Nm | manuel |
| T0053909499 | WBTS35P | 800 | 0,5 - 3,5 Nm | manuel |

Content:
Electric screwdriver with 8-pin interface cable 2,5 m



WBTS35ECL Electric Screwdriver with lever start and electrical clutch adjustment

| Screwdriver | Power unit analog WTS A | Power Unit digital WTS D |
|-------------------------|-------------------------|--------------------------|
| WBTS12L Lever start | ■ | ■ |
| WBTS35L Lever start | ■ | ■ |
| WBTS35ECL Lever start * | ■ | ■ * |
| WBTS12P Push to start | ■ | ■ |
| WBTS35P Push to start | ■ | ■ |

* Recommended control unit



Power Unit WTS A



Power Unit WTS D



Power Units for Electric Screwdriver

WTS A – Analogue Power Unit

- Simple rotary dial adjustment
- High / Low torque adjustment (Rotation per minute and Softstart; ECL - screwdriver additional torque range)
- Speed Control - from 60 % to 100 % of nominal speed
- Soft start capability - ramp from 0 to 2 sec.
- Green / Yellow LED torque display
- ESD compliant housing

WTS D - Digital Power Unit

- Easy operation with text display + simple programming
- Speed Control - from 60 % to 100 % of nominal speed
- Green / Yellow LED torque display ok or not ok
- Soft and Hard joint
- Soft start capability - ramp from 0 to 2 sec.
- With interface
- Right and left rotation
- Reverse function
- Min. / Max. tightening times
- Suitable for complex tightening applications
- ESD compliant housing
- Multiple languages
- Password protection
- Voltage: In: 100 - 240 V AC
Out: 40 V DC
Out Power: 120 V AC

Power Unit for Electric Screwdrivers

| Order-No. | Model | Features |
|----------------|-------|--------------------------|
| T005 39 016 99 | WTS A | Power unit analog WTS A |
| T005 39 006 99 | WTS D | Power unit digital WTS D |

Accessories for Weller Electric Screwdriver

| Order-No. | Model | Features |
|----------------|---------|---|
| T005 87 677 01 | WAH12 | 90° Angle head for WBTS12L Especially for tight work spaces |
| T005 87 677 02 | WAH35 | 90° Angle head for WBTS35L Especially for tight work spaces |
| T005 87 677 03 | WBAL | Balancer Working load limit from 0,4 to 1,0 kg |
| T005 87 677 04 | WCAB5M | Connecting cable 5 m Flexible connecting cable 8-pin |
| T005 87 677 05 | WCAB5MS | Connecting cable with twist 5 m Flexible connecting cable with twist 8-pin |
| T005 87 677 06 | WTT5 | Torque tester until 5 Nm Tester for screwdriver calibration |

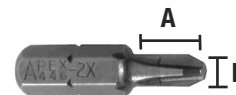
Further accessories available on request.

Content: Controller with power cable

Suitable Bits and Drive



Phillips -Bits 1/4" Hex Insert Bits - Limited Clearance



| Order No. | Point Size | Overall Length | | Turned Length (A) | | Turned OD (B) | |
|-----------|------------|----------------|----|-------------------|----|---------------|------|
| | | In. | mm | In. | mm | In. | mm |
| 446-0X | 0 | 1 | 25 | 7/16 | 11 | 0,108 | 4,06 |
| 446-1X | 1 | 1 | 25 | 7/16 | 11 | 0,108 | 4,06 |
| 446-2X | 2 | 1 | 25 | 7/16 | 11 | 0,108 | 4,06 |

Pozidriv® Bits 1/4" Hex Insert Bits



| Order No. | Point Size | Overall Length | | Turned Length (A) | | Turned OD (B) | |
|--------------|------------|----------------|----|-------------------|----|---------------|-----|
| | | In. | mm | In. | mm | In. | mm |
| 440-1-PZDX | 1 | 1 | 25 | | | | |
| 440-2-PZDX | 2 | 1 | 25 | | | | |
| 440-215-PZDX | 2 | 1 1/2 | 38 | | | | |
| 440-22-PZDX | 2 | 2 | 51 | | | | |
| 440-3-PZDX | 3 | 1 | 25 | | | | |
| 440-4-PZDX | 4 | 1 1/4 | 32 | | | | |
| 446-1-PZDX | * | 1 | 25 | 7/16 | 11 | 0,18 | 4,6 |
| 446-2-PZDX | * | 2 | 25 | 7/16 | 11 | 0,18 | 4,6 |

Slotted Bits 1/4" Hex Insert Bits - Limited Clearance



| Order No. | Screw Size | Length | | Blade Thickness | | Blade Width | |
|-----------|------------|--------|----|-----------------|-----|-------------|-----|
| | | In. | mm | In. | mm | In. | mm |
| 445-000X | 1F-2R | 1 | 25 | ,021 | ,53 | ,125 | 3,2 |
| 445-00X | 2F-3R | 1 | 25 | ,025 | ,64 | ,140 | 3,6 |
| 445-0X | 3F-4R | 1 | 25 | ,030 | ,76 | ,154 | 3,9 |
| 445-10X | 4F-5R | 1 | 25 | ,034 | ,86 | ,185 | 4,7 |
| 445-20X | 5F-6R | 1 | 25 | ,036 | ,91 | ,216 | 5,5 |
| 445-30X | 6F-7R | 1 | 25 | ,038 | ,97 | ,248 | 6,3 |

Torx® Bits 1/4" Hex Insert Bits



| Order No. | Driver Size | Overall Length | |
|------------|-------------|----------------|----|
| | | In. | mm |
| 440-TX-05X | T-5 | 1 | 25 |
| 440-TX-06X | T-6 | 1 | 25 |
| 440-TX-07X | T-7 | 1 | 25 |
| 440-TX-08X | T-8 | 1 | 25 |
| 440-TX-09X | T-9 | 1 | 25 |
| 440-TX-10X | T-10 | 1 | 25 |

| Order No. | Driver Size | Overall Length | |
|------------|-------------|----------------|----|
| | | In. | mm |
| 440-TX-15X | T-15 | 1 | 25 |
| 440-TX-20X | T-20 | 1 | 25 |
| 440-TX-25X | T-25 | 1 | 25 |
| 440-TX-27X | T-27 | 1 | 25 |
| 440-TX-30X | T-30 | 1 | 25 |
| 440-TX-40X | T-40 | 1 | 25 |

Socket Head Bits 1/4" Hex Insert Bits - Metric



| Order No. | Hex Size | Overall Length | |
|-----------|----------|----------------|----|
| | | Zoll | mm |
| 185-1.5mm | 1,5 mm | 1 | 25 |
| 185-2mm | 2,0 mm | 1 | 25 |
| 185-2.5mm | 2,5 mm | 1 | 25 |
| 185-3mm | 3,0 mm | 1 | 25 |
| 185-4mm | 4,0 mm | 1 5/16 | 33 |
| 185-5mm | 5,0 mm | 1 5/16 | 33 |

| Order No. | Hex Size | Overall Length | |
|-----------|----------|----------------|----|
| | | Zoll | mm |
| 185-6mm | 6,0 mm | 1 5/16 | 33 |
| 185-7mm | 7,0 mm | 1 1/4 | 32 |
| 185-8mm | 8,0 mm | 1 1/1 | 32 |
| 185-9mm | 9,0 mm | 1 1/1 | 32 |
| 185-10mm | 10,0 mm | 1 1/1 | 32 |

Bit Holder Hex Drive for 1/4" Hex Inserts

| Order No. | Size | Overall Length mm |
|-----------|---------|---|
| M-490-2 | 2 | 51 Magnetic |
| M-490-NR | 2 31/32 | 75 Magnetic; No lock ring |
| M-490 | 2 31/32 | 75 Magnetic |
| M-497 | 3 3/32 | 79 Magnetic; 3/8" (9.5 mm) reduced dia. |

Slotted Bits

1/4" Hex Power Drive



| Order No. | Screw Size | Length | | Blade Thickness | | Blade Width / Body Ø | |
|-----------|------------|---------|----|-----------------|-----|----------------------|------|
| | | In. | mm | In. | mm | In. | mm |
| 320-000X | 1F-2R | 1 15/16 | 49 | ,022 | ,56 | ,155 | 3,10 |
| 326-000X | 1F-2R | 2 3/4 | 70 | ,022 | ,56 | ,155 | 3,10 |
| 320-00X | 2F-3R | 1 15/16 | 49 | ,026 | ,66 | ,134 | 3,40 |
| 326-00X | 2F-3R | 2 3/4 | 70 | ,026 | ,66 | ,134 | 3,40 |
| 320-0X | 3F-4R | 1 15/16 | 49 | ,030 | ,76 | ,151 | 3,84 |
| 326-0X | 3F-4R | 2 3/4 | 70 | ,030 | ,76 | ,151 | 3,84 |
| 320-1X | 4F-6R | 1 15/16 | 49 | ,034 | ,86 | ,187 | 4,75 |
| 326-1X | 4F-6R | 2 3/4 | 70 | ,034 | ,86 | ,187 | 4,75 |
| 320-20X | 5F-6R | 1 15/16 | 49 | ,036 | ,91 | ,215 | 5,46 |
| 326-20X | 5F-6R | 2 3/4 | 70 | ,036 | ,91 | ,215 | 5,46 |
| 320-2X | 5F-6R | 1 15/16 | 49 | ,036 | ,91 | ,250 | 6,35 |
| 326-2X | 5F-6R | 2 3/4 | 70 | ,036 | ,91 | ,250 | 6,35 |

Socket Head Bits

1/4" Hex Power Drive - Metric

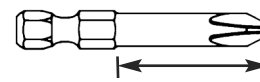
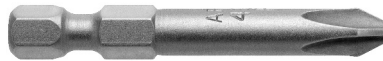


| Order No. | Hex Size | Overall Length | |
|-----------|----------|----------------|-----|
| | | In. | mm |
| AM-1.5mm | 1,5 mm | 1 15/16 | 49 |
| AM-2mm | 2,0 mm | 1 15/16 | 49 |
| AM-2.5mm | 2,5 mm | 1 15/16 | 49 |
| AM-3mm | 3,0 mm | 1 15/16 | 49 |
| AM-3mm-3 | 3,0 mm | 3 | 76 |
| AM-3mm-4 | 3,0 mm | 4 | 102 |
| AM-4mm | 4,0 mm | 1 15/16 | 49 |

| Order No. | Hex Size | Overall Length | |
|-----------|----------|----------------|-----|
| | | In. | mm |
| AM-5mm | 5,0 mm | 1 15/16 | 49 |
| AM-5mm-4 | 5,0 mm | 4 | 102 |
| AM-6mm | 6,0 mm | 1 15/16 | 49 |
| AM-6mm-4 | 6,0 mm | 4 | 102 |
| AM-7mm | 7,0 mm | 1 15/16 | 49 |
| AM-8mm | 8,0 mm | 1 15/16 | 49 |
| AM-10mm | 10,0 mm | 1 15/16 | 49 |

Pozidriv®

1/4" Hex Power Drive



| Order No. | Point Size | Overall Length | | Body Ø | | Turned Length | |
|------------|------------|----------------|----|--------|-----|---------------|----|
| | | In. | mm | In. | mm | In. | mm |
| 491-PZDX | 1 | 1 15/10 | 49 | 3/10 | 4,6 | 1 1/4 | 32 |
| 491-A-PZDX | 1 | 2 3/4 | 70 | 3/16 | 4,8 | 2 | 51 |
| 492-PZDX | 2 | 1 15/16 | 49 | 1/4 | 6,4 | 1 1/4 | 32 |
| 492-A-PZDX | 2 | 2 3/4 | 70 | 1/4 | 6,4 | 2 | 51 |
| 493-PZDX | 3 | 1 15/16 | 49 | 5/16 | 7,9 | 1 | 25 |
| 493-A-PZDX | 3 | 2 3/4 | 70 | 5/16 | 7,9 | 1 3/4 | 44 |

Torx® Bits

1/4" Hex Power Drive

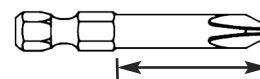


| Order No. | Driver Size | Body Ø mm | Overall Length | |
|------------|-------------|-----------|----------------|----|
| | | | In. | mm |
| 49-TX-05 | T5 | 3,0 | 1 15/16 | 49 |
| 49-A-TX-05 | T-5 | 3,0 | 2 3/4 | 70 |
| 49-TX-06 | T-6 | 3,0 | 1 15/16 | 49 |
| 49-A-TX-06 | T-6 | 3,0 | 2 3/4 | 70 |
| 49-TX-07 | T-7 | 3,0 | 1 15/16 | 49 |
| 49-A-TX-07 | T-7 | 3,0 | 2 3/4 | 70 |
| 49-TX-08 | T-8 | 3,0 | 1 15/16 | 49 |
| 49-A-TX-08 | T-8 | 3,0 | 2 3/4 | 70 |
| 49-TX-09 | T-9 | 3,0 | 1 15/16 | 49 |
| 49-A-TX-09 | T-9 | 3,0 | 2 3/4 | 70 |
| 49-TX-10 | T-10 | 3,8 | 1 15/16 | 49 |
| 49-A-TX-10 | T-10 | 3,8 | 2 3/4 | 70 |

| Order No. | Driver Size | Body Ø mm | Overall Length | |
|------------|-------------|-----------|----------------|----|
| | | | In. | mm |
| 49-TX-15 | T-15 | 3,8 | 1 15/16 | 49 |
| 49-A-TX-15 | T-15 | 3,8 | 2 3/4 | 70 |
| 49-TX-20 | T-20 | 4,3 | 1 15/16 | 49 |
| 49-A-TX-20 | T-20 | 4,3 | 2 3/4 | 70 |
| 49-TX-25 | T-25 | 4,0 | 1 15/16 | 49 |
| 49-B-TX-25 | T-25 | 4,9 | 3 1/2 | 89 |
| 49-TX-27 | T-27 | 5,5 | 1 15/16 | 49 |
| 49-B-TX-27 | T-27 | 5,5 | 3 1/2 | 89 |
| 49-TX-30 | T-30 | 6,0 | 1 15/16 | 49 |
| 49-B-TX-30 | T-30 | 6,0 | 3 1/2 | 89 |
| 49-TX-40 | T-40 | 7,8 | 1 15/16 | 49 |
| 49-B-TX-40 | T-40 | 7,8 | 3 1/2 | 89 |

Phillips Bits

1/4" Hex Power Drive



| Order No. | Point Size | Overall Length | | Body Ø | | Turned Length | |
|-----------|------------|----------------|----|--------|-----|---------------|----|
| | | In. | mm | In. | mm | In. | mm |
| 4910X | 0 | 1 15/16 | 49 | 1/8 | 3,2 | 1 1/4 | 32 |
| 4910-AX | 0 | 2 3/4 | 70 | 1/8 | 3,2 | 2 | 51 |
| 491X | 1 | 1 15/16 | 49 | 3/16 | 4,8 | 1 1/4 | 32 |
| 491-AX | 1 | 2 3/4 | 70 | 3/16 | 4,8 | 2 | 51 |
| 492X | 2 | 1 15/16 | 49 | 1/4 | 6,4 | 1 1/4 | 32 |
| 492-AX | 2 | 2 3/4 | 70 | 1/4 | 6,4 | 2 | 51 |
| 493X | 3 | 1 15/16 | 49 | 5/16 | 7,9 | 1 | 25 |
| 493-AX | 3 | 2 3/4 | 70 | 5/16 | 7,9 | 1 3/4 | 44 |