

## High-Precision Electric Screwdriver



**NEW**



WBTS12L Electric Screwdriver with push to start and mechanical clutch



WBTS35ECL Electric Screwdriver with lever start and electrical clutch adjustment

### 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     | Free 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   | Free Speed Rpm | Torque Range  | Torque Adjustment |
|-------------|---------|----------------|---------------|-------------------|
| T0053909299 | WBTS12P | 650            | 0,05 - 1,2 Nm | manuel            |
| T0053909499 | WBTS35P | 800            | 0,5 - 3,5 Nm  | manuel            |

| 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   | ■                       | ■                        |

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

\* 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 with one-hand-switch
- 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 Screwdriver

| 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 <b>WBTS12L</b> and <b>WBTS12P</b><br>Especially for tight work spaces |
| T005 87 677 02 | WAH35   | 90° Angle head for <b>WBTS35L</b> and <b>WBTS35P</b><br>Especially for tight work spaces |
| T005 87 677 03 | WBAL    | Balancer<br>Working load limit from 0,4 to 1,0 kg  |
| T005 87 677 04 | WCAB5M  | Connecting cable 5 m<br>Flexible connecting cable 8-pin                                  |
| T005 87 677 05 | WCAB5MS | Connecting cable with twist 5 m<br>Flexible connecting cable with twist 8-pin            |
| T005 87 677 06 | WTT5    | Torque tester until 5 Nm<br>Tester for screwdriver calibration                           |

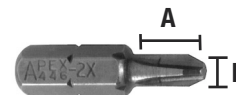
Further accessories available on request.

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## Suitable Bits and Drive

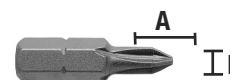


### Phillips -Bits 1/4" Hex Insert Bits - Limited Clearance



| 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          | 11/2           | 38   |                   |    |               |     |
| 440-22-PZDX  | 2          | 2              | 51   |                   |    |               |     |
| 440-3-PZDX   | 3          | 1              | 25   |                   |    |               |     |
| 440-4-PZDX   | 4          | 11/4           | 32   |                   |    |               |     |
| 446-1-PZDX   | 2          | 1              | 25,4 | 7/16              | 11 | 0,18          | 4,6 |
| 446-2-PZDX   | 2          | 1              | 25,4 | 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 |

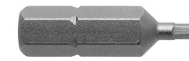
### Torx® Bits 1/4" Hex Insert Bits



| 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 | 40 | ,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 |     | Order No. | Hex Size | Overall Length |     |
|-----------|----------|----------------|-----|-----------|----------|----------------|-----|
|           |          | In.            | mm  |           |          | In.            | mm  |
| AM-1.5mm  | 1,5 mm   | 1 15/16        | 49  | AM-5mm    | 5,0 mm   | 1 15/16        | 49  |
| AM-2mm    | 2,0 mm   | 1 15/16        | 49  | AM-5mm-4  | 5,0 mm   | 4              | 102 |
| AM-2.5mm  | 2,5 mm   | 1 15/16        | 49  | AM-6mm    | 6,0 mm   | 1 15/16        | 49  |
| AM-3mm    | 3,0 mm   | 1 15/16        | 49  | AM-6mm-4  | 6,0 mm   | 4              | 102 |
| AM-3mm-3  | 3,0 mm   | 3              | 76  | AM-7mm    | 7,0 mm   | 1 15/16        | 49  |
| AM-3mm-4  | 3,0 mm   | 4              | 102 | AM-8mm    | 8,0 mm   | 1 15/16        | 49  |
| AM-4mm    | 4,0 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 | Overall Length |    | Order No.  | Driver Size | Body Ø | Overall Length |    |
|------------|-------------|--------|----------------|----|------------|-------------|--------|----------------|----|
|            |             |        | In.            | mm |            |             |        | In.            | mm |
| 49-TX-05   | T5          | 3,0    | 1 15/16        | 49 | 49-TX-15   | T-15        | 3,8    | 1 15/16        | 49 |
| 49-A-TX-05 | T-5         | 3,0    | 2 3/4          | 70 | 49-A-TX-15 | T-15        | 3,8    | 2 3/4          | 70 |
| 49-TX-06   | T-6         | 3,0    | 1 15/16        | 49 | 49-TX-20   | T-20        | 4,3    | 1 15/16        | 49 |
| 49-A-TX-06 | T-6         | 3,0    | 2 3/4          | 70 | 49-A-TX-20 | T-20        | 4,3    | 2 3/4          | 70 |
| 49-TX-07   | T-7         | 3,0    | 1 15/16        | 49 | 49-TX-25   | T-25        | 4,0    | 1 15/16        | 49 |
| 49-A-TX-07 | T-7         | 3,0    | 2 3/4          | 70 | 49-B-TX-25 | T-25        | 4,9    | 3 1/2          | 89 |
| 49-TX-08   | T-8         | 3,0    | 1 15/16        | 49 | 49-TX-27   | T-27        | 5,5    | 1 15/16        | 49 |
| 49-A-TX-08 | T-8         | 3,0    | 2 3/4          | 70 | 49-B-TX-27 | T-27        | 5,5    | 3 1/2          | 89 |
| 49-TX-09   | T-9         | 3,0    | 1 15/16        | 49 | 49-TX-30   | T-30        | 6,0    | 1 15/16        | 49 |
| 49-A-TX-09 | T-9         | 3,0    | 2 3/4          | 70 | 49-B-TX-30 | T-30        | 6,0    | 3 1/2          | 89 |
| 49-TX-10   | T-10        | 3,8    | 1 15/16        | 49 | 49-TX-40   | T-40        | 7,8    | 1 15/16        | 49 |
| 49-A-TX-10 | T-10        | 3,8    | 2 3/4          | 70 | 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 |