



# Weller®

# Electronic screwdriver

## POWER IS NOTHING WITHOUT CONTROL



### Low noise level operations

Below emission level in hospitals during day duty, brushless motor, noise level < 55dBA



### Compatible units

Analog and digital power units, clutch systems or electronic screwdrivers - all tools are compatible and for a variety of applications



### No emissions

Perfect for industrial serial assembly with assembly tasks at low torque



### ESD-safe

No electrostatic discharge



## Electronic screwdriver

Professional

249 - 258



**+** LOW RUNNING COSTS





## Technical Data



**WTS A**

**WTS D**

Mains supply voltage	100 - 240 VAC	
Speed control	from 60 % to 100% of nominal speed	
Display	no	LED
Operation panel	Simply rotary dial adjustment	Text display
Torque range display	no	yes
Order no.	T005 39 016 99	T005 39 006 99

## Connecting Overview Screwdriver



<b>WBTS12L</b> Lever start	✓	✓
<b>WBTS35L</b> Lever start	✓	✓
<b>WBTS35ECL</b> Lever start	✓	✓✓
<b>WBTS12P</b> Push to start	✓	✓
<b>WBTS35P</b> Push to start	✓	✓

## WTS A

### Analog Power Unit



Order No. T005 39 016 99

- Simply rotary dial adjustment
- Soft start capability, ramp from 0 to 2 sec.
- ESD compliant housing



## WTS D

### Digital Power Unit



Order No. T005 39 006 99

- Easy operation with text display and simple programming, multiple languages
- Soft start capability, ramp from 0 to 2 sec.
- Suitable for complex tightening applications
- ESD compliant housing
- Recommended ECL Electric Screwdriver





## Technical Data

	WBTS12L	WBTS35L	WBTS35ECL	WBTS12P	WBTS35P
Rotation speed	650 UpM	800 UpM	800 UpM	650 UpM	800 UpM
Start	Lever start	Lever start	Lever start	Push to start	Push to start
Torque range	0,05 - 1,2Nm	0,5 - 3,5Nm	0,5 - 3,5Nm	0,05 - 1,2Nm	0,5 - 3,5Nm
For use with 1/4" bits	1/4"	1/4"	1/4"	1/4"	1/4"
Brushless, maintenance free motor	yes	yes	yes	yes	yes
Right and left rotation	yes	yes	yes	yes	yes
Low noise	<55dBA	<55dBA	<55dBA	<55dBA	<55dBA

## WBTS12L

### Electric screwdriver with lever start

0,05 - 1,2 Nm 650 UpM manual

Order No. T005 39 091 99

- Lever start
- Torque setting via clutch spring compression
- 8-pin interface cable
- Connecting cable 2,5 m



Similar illustration

## WBTS35L

### Electric screwdriver with lever start

0,5 - 3,5 Nm 800 UpM manual

Order No. T005 39 093 99

- Lever start
- Torque setting via clutch spring compression
- 8-pin interface cable
- Connecting cable 2,5 m



Similar illustration



## WBTS35ECL

Electric screwdriver with lever start

0,5 - 3,5 Nm 800 UpM automatic 

Order No. T005 39 095 99

- Lever start
- Torque setting via digital controller
- 8-pin interface cable
- Connecting cable 2,5 m



## WBTS12P

Electric screwdriver push to start

0,05 - 1,2 Nm 650 UpM manual 

Order No. T005 39 092 99

- Push to start
- Torque setting via clutch spring compression
- 8-pin interface cable
- Connecting cable 2,5 m



## WBTS35P

Electric screwdriver push to start  
and 8-pin interface cable

0,5 - 3,5 Nm 800 UpM 

Order No. T005 39 094 99

- Push to start
- Torque setting via clutch spring compression
- Connecting cable 2,5 m



Similar illustration



# Accessories

## WAH12

90° Angle head for WBTS12L

Order No. T005 87 677 01

- Especially for tight work spaces



## WAH35

90° Angle head for WBTS35L

Order No. T005 87 677 02

- Especially for tight work spaces



## WBAL

Balancer

Order No. T005 87 677 03

- Working load limit from 0,4 to 1 kg





## WCAB5M

Connecting cable 5 m, 8-pin

Order No. T005 87 677 04

- Flexible connecting cable



## WCAB5MS

Connecting cable with twist 5 m, 8-pin

Order No. T005 87 677 05

- Flexible connecting cable with twist



## WTT5

Torque tester from 0,2 to 5 Nm

Order No. T005 87 677 06

- Tester for screwdriver calibration
- 3 units of torque measurements
- Automatic shut down
- 2 Display mode selectable
- Battery powered or power supply





# Screwdriver Inserts

## Phillips®-Bits

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



Order no.	Size	Overall length		Turned length (A)		Turned OD (B)	
		Inch	mm	Inch	mm	Inch	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.	Size	Overall length		Turned length (A)		Turned OD (B)	
		Inch	mm	Inch	mm	Inch	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	1	25	7/16	11	0.18	4.6
446-2-PZDX	2	1	25	7/16	11	0.18	4.6

## Slotted Bits

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



Order no.	Screw size	Length		Blade Thickness (A)		Blade Width / Body	
		Inch	mm	Inch	mm	Inch	mm
445-000X	1F-2R	0.984	25	0.021	0.53	0.125	3.2
445-00X	2F-3R	0.984	25	0.025	0.64	0.140	3.6
445-0X	3F-4R	0.984	25	0.030	0.76	0.154	3.9
445-10X	4F-5R	0.984	25	0.034	0.86	0.185	4.7
445-20X	5F-6R	0.984	25	0.036	0.91	0.216	5.5
445-30X	6F-7R	0.984	25	0.038	0.97	0.248	6.3



## Torx® Bits

### 1/4" Hex Insert Bits



Order no.	Size	Overall length		Order no.	Size	Overall length	
		Inch	mm			Inch	mm
<b>440-TX-05X</b>	T-5	1	25	<b>440-TX-15X</b>	T-15	1	25
<b>440-TX-06X</b>	T-6	1	25	<b>440-TX-20X</b>	T-20	1	25
<b>440-TX-07X</b>	T-7	1	25	<b>440-TX-25X</b>	T-25	1	25
<b>440-TX-08X</b>	T-8	1	25	<b>440-TX-27X</b>	T-27	1	25
<b>440-TX-09X</b>	T-9	1	25	<b>440-TX-30X</b>	T-30	1	25
<b>440-TX-10X</b>	T-10	1	25	<b>440-TX-40X</b>	T-40	1	25

## Socket Head Bits

### 1/4" Hex Insert Bits - Metric



Order no.	Size	Overall length		Order no.	Size	Overall length	
		Inch	mm			Inch	mm
<b>185-1.5MM</b>	1.5 mm	1	25	<b>185-6MM</b>	6.0 mm	1 5/16	33
<b>185-2MM</b>	2 mm	1	25	<b>185-7MM</b>	7.0 mm	1 1/4	32
<b>185-2.5MM</b>	2.5 mm	1	25	<b>185-8MM</b>	8.0 mm	1 1/4	32
<b>185-3MM</b>	3.0 mm	1	25	<b>185-9MM</b>	9.0 mm	1 1/4	32
<b>185-4MM</b>	4.0 mm	1 5/16	33	<b>185-10MM</b>	10.0 mm	1 1/4	32
<b>185-5MM</b>	5.0 mm	1 5/16	33				

## Bit Holder

### Hex Drive for 1/4" Hex Inserts



Order no.	Size	Overall length		
		Inch	mm	
<b>M-490-2</b>	2	2.00	51	Magnetic
<b>M-490-NR</b>	2 31/32	2.95	75	Magnetic; no lock ring
<b>M-490</b>	2 31/32	2.95	75	Magnetic
<b>M-497</b>	2 3/32	3.11	79	Magnetic; Ø 3/8" (Ø 9,5 mm) reduced dia.





## Slotted Drive

### 1/4" Hex Power Drive



Order no.	Screw size	Length		Blade Thickness (A)		Blade Width / Body	
		Inch	mm	Inch	mm	Inch	mm
<b>320-000X</b>	1F-2R	1.929	49	0.022	0.56	0.122	3.10
<b>326-000X</b>	1F-2R	2.756	70	0.022	0.56	0.122	3.10
<b>320-00X</b>	2F-3R	1.929	49	0.26	0.66	0.134	3.40
<b>326-00X</b>	2F-3R	2.756	70	0.026	0.66	0.134	3.40
<b>320-0X</b>	3F-4R	1.929	49	0.030	0.76	0.151	3.84
<b>326-0X</b>	3F-4R	2.756	70	0.030	0.76	0.151	3.84
<b>320-1X</b>	4F-6R	1.929	49	0.034	0.86	0.187	4.75
<b>326-1X</b>	4F-5R	2.756	70	0.034	0.86	0.187	4.75
<b>320-20X</b>	5F-6R	1.929	49	0.036	0.91	0.215	5.46
<b>326-20X</b>	5F-6R	1.929	49	0.91	0.91	0.215	5.46
<b>320-2X</b>	5F-6R	1.929	49	0.036	0.91	0.250	6.35
<b>326-2X</b>	5F-6R	2.756	70	0.036	0.91	0.250	6.35

## Socket Head Drive

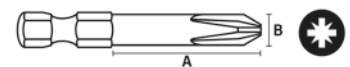
### 1/4" Hex Power Drive - Metric



Order no.	Size	Overall length		Order no.	Size	Overall length	
		Inch	mm			Inch	mm
<b>AM-1.5mm</b>	1,5 mm	1 15/16	49	<b>AM-5mm</b>	5,0 mm	1 15/16	49
<b>AM-2mm</b>	2,0 mm	1 15/16	49	<b>AM-5mm-4</b>	5,0 mm	4	102
<b>AM-2.5mm</b>	2,5 mm	1 15/16	49	<b>AM-6mm</b>	6,0 mm	1 15/16	49
<b>AM-3mm</b>	3,0 mm	1 15/16	49	<b>AM-6mm-4</b>	6,0 mm	4	102
<b>AM-3mm-3</b>	3,0 mm	3	76	<b>AM-7mm</b>	7,0 mm	1 15/16	49
<b>AM-3mm-4</b>	3,0 mm	4	102	<b>AM-8mm</b>	8,0 mm	1 15/16	49
<b>AM-4mm</b>	4,0 mm	1 15/16	49	<b>AM-10mm</b>	10,0 mm	1 15/16	49

## Pozidriv®-Drive

### 1/4" Hex Power Drive



Order no.	Size	Overall length		Body-Ø (B)		Turned length (A)	
		Inch	mm	Inch	mm	Inch	mm
<b>491-PZDX</b>	1	1 15/10	49	3/10	4.6	1 1/4	32
<b>491-A-PZDX</b>	1	2 3/4	70	3/16	4.8	2	51
<b>492-PZDX</b>	2	1 15/16	49	1/4	6.4	1 1/4	32
<b>492-A-PZDX</b>	2	2 3/4	70	1/4	6.4	2	51
<b>493-PZDX</b>	3	1 15/16	49	5/16	7.9	1	25
<b>493-A-PZDX</b>	3	2 3/4	70	5/16	7.9	1 3/4	44



## Torx® Drive

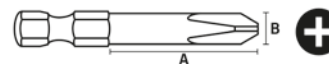
### 1/4" Hex Power Drive



Order no.	Size	Overall length		Body-Ø
		Inch	mm	mm
49-TX-05	T-5	1 15/16	49	3.0
49-A-TX-05	T-5	2 3/4	70	3.0
49-TX-06	T-6	1 15/16	49	3.0
49-A-TX-06	T-6	2 3/4	70	3.0
49-TX-07	T-7	1 15/16	49	3.0
49-A-TX-07	T-7	2 3/4	70	3.0
49-A-TX-08	T-8	2 3/4	70	3.0
49-TX-09	T-9	1 15/16	49	3.0
49-A-TX-09	T-9	2 3/4	70	3.0
49-TX-10	T-10	1 15/16	49	3.8
49-A-TX-10	T-10	2 3/4	70	3.8
49-TX-15	T-15	1 15/16	49	3.8
49-A-TX-15	T-15	2 3/4	70	3.8
49-TX-20	T-20	1 15/16	49	4.3
49-A-TX-20	T-20	2 3/4	70	4.3
49-TX-25	T-25	1 15/16	49	4.0
49-B-TX-25	T-25	3 1/2	89	4.9
49-TX-27	T-27	1 15/16	49	5.5
49-B-TX-27	T-27	3 1/2	89	5.5
49-TX-30	T-30	1 15/16	49	6.0
49-B-TX-30	T-30	3 1/2	89	6.0
49-TX-40	T-40	1 15/16	49	7.8
49-B-TX-40	T-40	3 1/2	89	7.8

## Phillips® Drive

### 1/4" Hex Power Drive



Order no.	Size	Overall length		Body-Ø (B)		Turned length (A)	
		Inch	mm	Inch	mm	Inch	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 1/4	44