

Weller®

High-Precision Electric Screwdriver



NEW



WBTS12P 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	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

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.

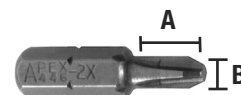
Content: Controller with power cable

Suitable Bits and Drive

APEX

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	*	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

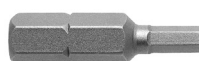


Order No.	Driver Size	Overall Length	
		In.	mm
440-TX-05X	T-5	1	25
440-TX-06X	T-6	1	25
440-TX-07X	T-7	1	25
440-TX-08X	T-8	1	25
440-TX-09X	T-9	1	25
440-TX-10X	T-10	1	25

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

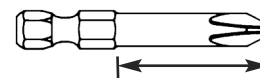
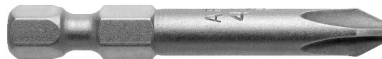


Order No.	Hex Size	Overall Length	
		In.	mm
AM-1.5mm	1,5 mm	1 15/16	49
AM-2mm	2,0 mm	1 15/16	49
AM-2.5mm	2,5 mm	1 15/16	49
AM-3mm	3,0 mm	1 15/16	49
AM-3mm-3	3,0 mm	3	76
AM-3mm-4	3,0 mm	4	102
AM-4mm	4,0 mm	1 15/16	49

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 15/16	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

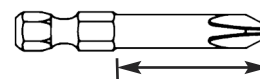


Order No.	Driver Size	Body Ø mm	Overall Length	
			In.	mm
49-TX-05	T5	3,0	1 15/16	49
49-A-TX-05	T-5	3,0	2 3/4	70
49-TX-06	T-6	3,0	1 15/16	49
49-A-TX-06	T-6	3,0	2 3/4	70
49-TX-07	T-7	3,0	1 15/16	49
49-A-TX-07	T-7	3,0	2 3/4	70
49-TX-08	T-8	3,0	1 15/16	49
49-A-TX-08	T-8	3,0	2 3/4	70
49-TX-09	T-9	3,0	1 15/16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

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