

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 WBTS12L and WBTS12P Especially for tight work spaces
T005 87 677 02	WAH35	90° Angle head for WBTS35L and WBTS35P 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.

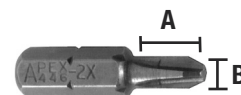
Available July 2010

Suitable Bits and Drive

APEX®

Phillips -Bits

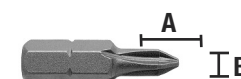
1/4" Hex Insert Bits - Limited Clearance



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	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

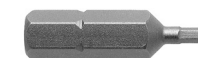
1/4" Hex Insert Bits



Order No.	Driver Size	Overall Length		Order No.	Driver Size	Overall Length	
		In.	mm			In.	mm
440-TX-05X	T-5	1	25	440-TX-15X	T-15	1	25
440-TX-06X	T-6	1	25	440-TX-20X	T-20	1	25
440-TX-07X	T-7	1	25	440-TX-25X	T-25	1	25
440-TX-08X	T-8	1	25	440-TX-27X	T-27	1	25
440-TX-09X	T-9	1	25	440-TX-30X	T-30	1	25
440-TX-10X	T-10	1	25	440-TX-40X	T-40	1	25

Socket Head Bits

1/4" Hex Insert Bits - Metric



Order No.	Hex Size	Overall Length		Order No.	Hex Size	Overall Length	
		Zoll	mm			Zoll	mm
185-1.5mm	1,5 mm	1	25	185-6mm	6,0 mm	1 5/16	33
185-2mm	2,0 mm	1	25	185-7mm	7,0 mm	1 1/4	32
185-2.5mm	2,5 mm	1	25	185-8mm	8,0 mm	1 1/1	32
185-3mm	3,0 mm	1	25	185-9mm	9,0 mm	1 1/1	32
185-4mm	4,0 mm	1 5/16	33	185-10mm	10,0 mm	1 1/1	32
185-5mm	5,0 mm	1 5/16	33				

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

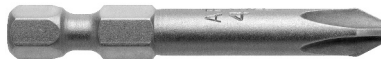


Order No.	Hex Size	Overall Length	
		In.	mm
AM-1.5mm	1,5 mm	1 15/16	49
AM-2mm	2,0 mm	1 15/16	49
AM-2.5mm	2,5 mm	1 15/16	49
AM-3mm	3,0 mm	1 15/16	49
AM-3mm-3	3,0 mm	3	76
AM-3mm-4	3,0 mm	4	102
AM-4mm	4,0 mm	1 15/16	49

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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