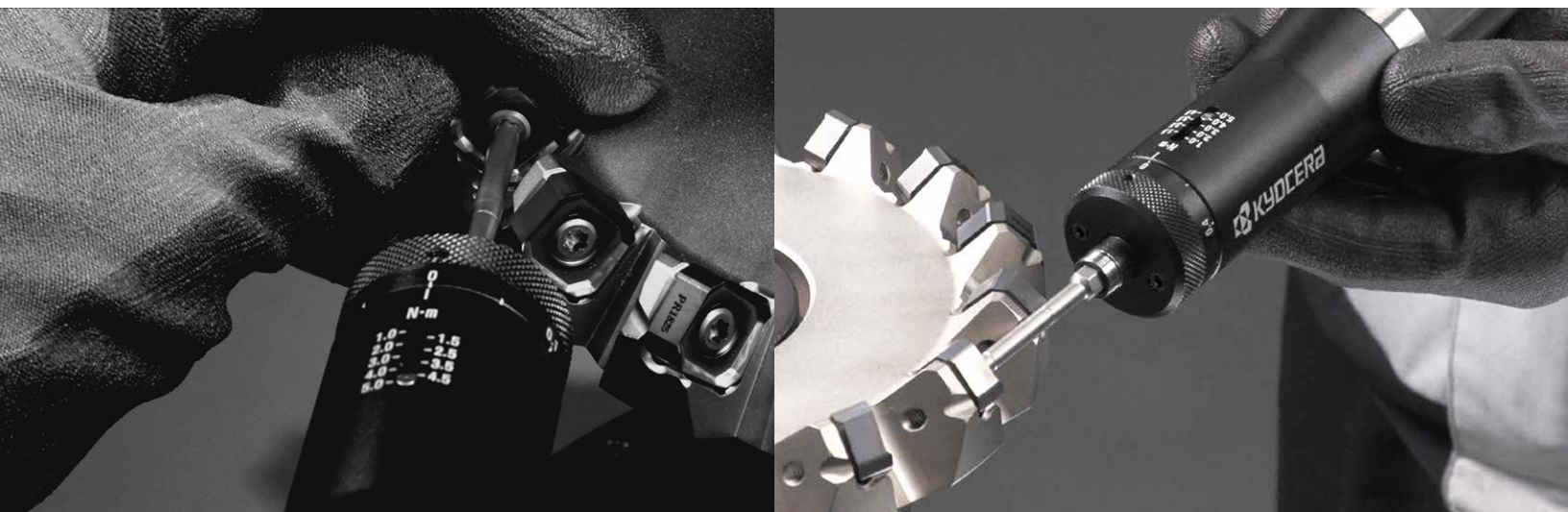




DTD500

Electric Torque Insert Driver



Quick and Easy Insert Replacements with Precise Torque Control



2-in-1 Electric Driver and Torque Wrench

Quickly loosen and tighten insert screws with precise, adjustable torque settings. Clutch operates and idles when the set torque is reached, reducing operator over or under tightening.



Rechargeable with USB Type-C



Bright LED Light

Illuminate dark areas inside the machine



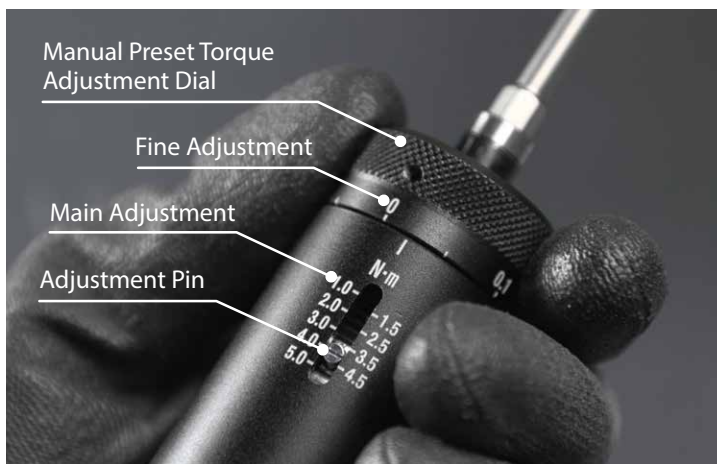
Li-ion
3.7v

Max.
Electric Torque
1 N·m

Manual Preset Torque
1-5 N·m
(0.05 N·m Increments)



1 Quick and Easy Insert Replacements with Precise Torque Control



Innovative 2-in-1 Functionality

Fast and Consistent Tightening

Quickly loosen and tighten screws with electric setting, then manually finish to the set torque, reducing tightening force variations with the clutch's free spin action and ergonomic design.

Max.
Electric Torque
1 N·m

Manual Preset Torque
1-5 N·m
(0.05 N·m Increments)

Insert Replacement Procedure



*Prevents over-tightening beyond specified torque setting



2

Boost Efficiency and Decrease Downtime

**Watch
Video!**



Insert Installation Time Comparison for Face Mill Cutter (MB45)



Comparison of insert installation time for the Face Mill Cutter MB45 using the DTD500 and a standard torque wrench. The total time for installing all inserts was significantly reduced.

USB Charging (Type-C)



USB Type-C charging with a 1m charging cable included

LED Light



LED light for illuminating dark areas

Strap Hole



Strap for fall prevention and storage

Product Information

Driver Specifications

Part Number	DTD500
Power Source	DC 3.7V (Embedded Li-ion Battery)
Capacity	970mAh
No-Load Rotation Speed	270 RPM
Max. Electric Torque	1 N-m
Manual Preset Torque	1 - 5 N-m (0.05 N-m Increments) 8.9 - 44 in-lb (0.4 in-lb Increments)
Work Capacity Per Charge (approx.)	Can tighten approx. 400 screws per charge (Ex. Screw: SB-50410TR / Cutter: MFPN453000R-5T)
Chuck Capability	1/4in Hexagonal Flat-to-Flat
Charging Time	~110 min
Dimensions	8.7 × 1.97 × 2.17in / 221 × 50 × 55mm
Weight	1.26 lbs / 570g

- ✓ Includes 5 magnetic bits and a USB Type-C charging cable
- ✓ Charging indicator light



3.7v
Li-ion

270
RPM

Grip Dia.
50
mm

Charge
USB
USB Type-C

Included Accessories

- Variety Bit Set :
- (T8×65mm / T15×64mm / 8IP×65mm / 15IP×65mm / 20IP×65mm)
 - 1m USB Charging Cable (Type-C)

Bit Shape	Size	Torque (N-m)	Torque (in-lb)	Screw Size
	T8	1.2	10.6	M2 / M2.5 / M3 / M4
	T15	3.5	31	M3.5 / M4 / M5
	8IP	1.2	10.6	M2.5 / M3
	15IP	3.5 / 4	31 / 35	M3.5 / M4 / M5
	20IP	4.5	40	M4.5 / M5 / M6

Optional Accessories (Parts below sold separately in 5-piece packs)

Bit Shape	Part Description	Size	Length (mm)	Length (in)	Torque (N-m)	Torque (in-lb)	Screw Size
	TB-T6x65	T6	65	2.56	0.5	4.4	M1.6 / M2 / M2.2
	TB-T8x65	T8	65	2.56	1.2	10.6	M2 / M2.5 / M3 / M4
	TB-T8x110		110	4.33			
	TB-T10x65	T10	65	2.56	2	18	M3 / M3.5 / M4 / M4.5
	TB-T15x65	T15	65	2.56	3.5	31	M3.5 / M4 / M5
	TB-T15x110		110	4.33			
	TB-T20x65	T20	65	2.56	4.5	40	M5 / M6
	TB-T25x65	T25	65	2.56	5	44	M6 / M8
	TPB-6IPx65	6IP	65	2.56	0.5	4.4	M2 / M3
	TPB-8IPx65	8IP	65	2.56	1.2	10.6	M2.5 / M3 / Inch 4-48
	TPB-8IPx110		110	4.33			
	TPB-10IPx65	10IP	65	2.56	2	18	M3 / M3.5
	TPB-15IPx65	15IP	65	2.56	3.5	31	M3.5 / M4 / M5
	TPB-15IPx110		110	4.33			
	TPB-20IPx65	20IP	65	2.56	4.5	40	M4.5 / M5 / M6
	TPB-20IPx110		110	4.33			
	TPB-25IPx65	25IP	65	2.56	5	44	M6 / M8
	TBTPB-VS65	T8 8IP T15 15IP 20IP	65	2.56	See above for each size		M2 / M2.5 / M3 / M3.5 / M4 / M4.5 / M5 / M6
	TBTPB-VS110	T8 8IP T15 15IP 20IP	110	4.33			



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