

MicroTorque

MT G4 screwdriver system

MicroTorque fixtured screwdriver systems are designed to perform consistently and precisely, time after time.

- Complete system, one single ordering number that includes screwdriver, controller, tool cable, PSU and ToolsTalk MT.
- Torque and angle control and monitoring.
- 64 P-sets
- Multiple steps tightening.
- Advanced programing via PC software, ToolsTalk MT.
- Different indication lights for operator feedback.
- Multiple I/Os for integration with assembly line, automation stations or error proofing accessories.



ETD M 08/20/27 ABL V2



ETD M 50/80 ABL V2



ETD M 120/200/250 ABL V2



ETF M 05 400A



ETF M 50/80/100/200 400A

Model	Torque range		Speed ^a r/min	Length mm	Overall width mm	Weight		Bit drive	Ordering No.
	cNm	in lb				kg	lb		
Fixtured transducerized systems									
ETF MT 5	0.5-5	0.04-0.4	1300	183	20	0.4	0.9	HM 4 mm	8432 0800 10
ETF MT 10	1-10	0.09-0.9	900	183	20	0.4	0.9	HM 4 mm	8432 0800 11
ETF MT 20	2-20	0.18-1.8	900	183	20	0.4	0.9	HM 4 mm	8432 0800 12
ETF MT 50	5-50	0.44-4.4	1300	269	30	1.1	2.42	HM 4 mm	8432 0800 13
ETF MT 80	8-80	0.71-7.1	1300	269	30	1.2	2.65	HM 4 mm	8432 0800 14
ETF MT 100	10-100	0.88-8.8	1300	272	30	1.2	2.65	1/4" HEX	8432 0800 15
ETF MT 100 HM4	10-100	0.88-8.8	1300	269	30	1.2	2.65	HM 4 mm	8432 0800 21
ETF MT 200	20-200	1.77-17.7	800	272	30	1.2	2.65	1/4" HEX	8432 0800 16
ETF MT 500	50-500	4.42-44.2	500	258	40	1.8	4.05	1/4" HEX	8432 0800 17
Fixtured current controlled systems									
ETF M 05	1.5-5	0.13-0.4	1300	183	20	0.4	0.9	HM 4 mm	8432 0810 15
ETF M 10	3-10	0.27-0.9	900	183	20	0.4	0.9	HM 4 mm	8432 0810 16
ETF M 20	5-20	0.44-1.8	900	183	20	0.4	0.9	HM 4 mm	8432 0810 17
ETF M 50	15-50	1.33-4.4	1300	269	30	1.1	2.42	HM 4 mm	8432 0810 18
ETF M 80	20-80	1.77-7.1	1300	269	30	1.2	2.64	HM 4 mm	8432 0810 19
ETF M 100	25-100	2.21-8.8	900	272	30	1.2	2.64	1/4" HEX	8432 0810 20
ETF M 200	50-200	4.42-17.7	650	272	30	1.2	2.64	1/4" HEX	8432 0810 21
ETF M 400	150-400	13.27-35.4	320	258	40	1.8	3.96	1/4" HEX	8432 0810 22
Hand-held current controlled systems, without push-to-start									
ETD M 20 ABL V2 G4	5-20	0.44-1.77	900	185	27	0.30	0.66	HM 4 mm	8432 0815 04
ETD M 27 ABL V2 G4	7.5-27	0.66-2.4	900	185	27	0.30	0.66	HM 4 mm	8432 0815 06
Hand-held current controlled systems, push-start configurable									
ETD M 50 ABL V2 G4	15-50	1.33-4.4	1300	238	36	0.56	1.37	HM 4 mm	8432 0815 09
ETD M 80 ABL V2 G4	20-80	1.77-7.1	1300	238	36	0.56	1.37	HM 4 mm	8432 0815 13
ETD M 120 ABL V2 G4	30-120	2.7-10.6	900	240	43	0.65	1.43	1/4" HEX	8432 0815 14
ETD M 200 ABL V2 G4	50-200	4.42-17.7	700	240	43	0.65	1.43	1/4" HEX	8432 0815 15
ETD M 250 ABL V2 G4	75-250	6.64-22.13	700	240	43	0.65	1.43	1/4" HEX	8432 0815 16

MTF400 screwdriver system

MicroTorque

MicroTorque fixtured screwdriver system are designed to perform consistently and precisely, time after time.

- Complete systems, one single ordering number that includes screwdriver, controller, Tool Cable, PSU and ToolsTalk MT.
- High accuracy current controlled tools.
- Torque and angle control and monitoring.
- 20 P-sets
- Multiple steps tightening
- Simple programing directly at the controller.
- Advanced programing via PC software, ToolsTalk MT.
- Batch count.
- Different display lights for operator feedback.
- Multiple I/Os for integration with assembly line, automation stations or error proofing accessories.

MTF 400A



ETF M 05 400A



ETF M 50/80/100/200 400A

Model	Torque range		Speed r/min	Length mm	Overall width mm	Weight		Bit drive	Ordering No.
	cNm	in lb				kg	lb		
Fixtured current controlled, complete system									
ETF M 50 400A	15-50	1.33-4.4	850	269	30	1.1	2.42	HM 4 mm	8432 0818 18
ETF M 80 400A	20-80	1.77-7.1	850	269	30	1.2	2.64	HM 4 mm	8432 0818 19
ETF M 200 400A	50-200	4.42-17.7	600	272	30	1.2	2.64	1/4" HEX	8432 0818 21

NOTE. Ordering number for complete system. (Screwdriver, MTF 400 controller, tool cable and PSU).

MicroTorque

Handheld screwdrivers V2

MicroTorque handheld screwdrivers are designed to perform consistently and precisely, time after time.

- High accuracy current controlled tools.
- Torque and angle control and monitoring.
- Advanced seating control tightening strategy that eliminates floating screws.
- Ergonomic metallic handle.
- V2 Tools are not paired with the controller and are ordered separately.



ETD M 08/20/27 ABL V2



ETD M 120/200/250 ABL V2



ETD M 50/80 ABL V2

Model	Torque range		Speed r/min	Length mm	Overall width mm	Weight		Bit drive	Ordering No.
	cNm	in lb				kg	lb		
Hand-held current controlled, without push-to-start									
ETD M 08 ABL V2	2-8	0.18-0.7	1350	185	29	0.30	0.66	HM 4 mm	8432 0815 18
ETD M 20 ABL V2	5-20	0.44-1.77	900	185	29	0.30	0.66	HM 4 mm	8432 0815 21
ETD M 27 ABL V2	7.5-27	0.66-2.4	900	185	29	0.30	0.66	HM 4 mm	8432 0815 27
Hand-held current controlled, push-start configurable									
ETD M 50 ABL V2	15-50	1.33-4.4	1000	238	36	0.61	1.37	HM 4 mm	8432 0815 50
ETD M 80 ABL V2	20-80	1.77-7.1	1100	238	36	0.61	1.37	HM 4 mm	8432 0815 80
ETD M 120 ABL V2	30-120	2.7-10.6	900	240	43	0.65	1.43	1/4" Hex	8432 0815 82
ETD M 200 ABL V2	50-200	4.42-17.7	700	240	43	0.65	1.43	1/4" Hex	8432 0815 84
ETD M 250 ABL V2	75-250	6.64-22.13	700	240	43	0.65	1.43	1/4" Hex	8432 0815 86

NOTE. Ordering number for screwdriver only. Tool cable, controller and PSU need to be ordered separately.

MicroTorque

Fixtured screwdrivers V2

MicroTorque fixtured screwdrivers are designed to perform consistently and precisely, time after time.

- High accuracy current controlled tools.
- Torque and angle control and monitoring.
- Advanced seating control tightening strategy that eliminates floating screws.
- Very compact design.
- V2 Tools are not paired with the controller and are ordered separately.



ETF S

Model	Torque range		Speed r/min	Length mm	Overall width mm	Weight		Bit drive	Ordering No.
	cNm	in lb				kg	lb		
Fixtured current controlled									
ETF S 08 V2	2-8	0.18-0.70	1500	125	65	0.3	0.68	HM 4 mm	8432 0832 84
ETF S 25 V2	5.5-25	0.49-2.2	1000	125	65	0.3	0.68	HM 4 mm	8432 0832 85

NOTE. Ordering number for screwdriver only. Tool cable, controller and PSU need to be ordered separately.

MT Focus 400 controller

MicroTorque

MT Focus 400 is an extremely compact and advanced controller designed to attend the most demanding assembly processes.

- 20 P-sets
- Multiple step tightening
- Simple programing directly at the controller.
- Advanced programing via PC software, ToolsTalk MT.
- Batch count.
- Different display lights for operator feedback.
- Multiple I/Os for integration with assembly line, automation stations or error proofing accessories.
- ToolsTalk MT included, with Graph Analysis and Net functionality for detailed information.



MTF 400A

Model	Ordering No.
MTF 400A	8432 0850 00

NOTE: To be ordered together with V2 tools.

MicroTorque

Accessories

TOOL CABLES FOR ETF S V2 AND ETD M ABL V2

Model	Ordering No.
Cable 2 m	8432 0835 02
Cable 3.5 m	8432 0835 03



Tool cable

POWER SUPPLY UNIT, PSU

Model	Battery / Power	Ordering No.
ETF S08 V2 and ETD M08/20/27 ABL V2	24V / 72W	8432 0840 00
ETF S25 V2	36V / 72W	8432 0840 01
ETD M50/80/100/120/200/250 ABL V2	36V / 180W	8432 0840 02



Power supply unit

Accessories

MicroTorque

Optional Accessories

CONTROLLER ACCESSORIES FOR MT G4

Model	Ordering No.
Combi (Remote control + program selector)	8432 0830 88
Remote control	8432 0830 08
Digital program selector	8432 0830 34
Controller table fixture	8432 0830 84
Controller wall fixture	8432 0830 32
Y cable for I/O connector ^a	8432 0831 99
Desktop socket (with screwdriver presence sensor)	8432 0831 89
MT TN adapter ToolsNet 4000 ^b (15 pin/26 pin d-sub)	8432 0832 98

^a Y cable suitable when two I/O accessories are required.

^b Including adapter cables.



Digital program selector



Remote control



Desktop socket



MT G4 table fixture

CONTROLLER ACCESSORIES FOR MTF 400

Model	Ordering No.
Digital program selector	8432 0830 65
Controller wall fixture	8432 0833 83
MT TN adapter ToolsNet 4000 ^c	8432 0832 98

^c Including adapter cables.



MT G4 wall fixture

STACKLIGHTS

Model	Ordering No.
Table stand ^d	8432 0830 97
Wall mount ^d	8432 0830 99

^d Adapter included, suitable for MT G4 and MTF400 controllers.



Stacklight wall mount



Stacklight table stand

TOOL CABLE

Model	Length	Ordering No.
ETD M ABL, ETF S	2 m	8432 0835 02
ETD M ABL, ETF S	3.5 m	8432 0835 03
ETF M, MT	2 m	8432 0830 36
ETF M, MT	3.5 m	8432 0831 01
ETF M, MT 90 deg angle cable	2 m	8432 0831 15



Tool cable



Tool cable, 90 deg

CABLE ACCESSORIES

Model	Ordering No.
Cable, RS232	8432 0830 38
Cable, USB	8432 0830 39
Transducer cable	8432 0830 35
Cable bracket	8432 0830 91

Optional Accessories

VACUUM ADAPTER

Model	Nozzle Ø mm	Tool Bit Drive	Tool model	Ordering No.
QC Vacuum Adapter Small	8	HM4	ETD M, ETF S, ETF M, ETF MT and QMC	8432 0770 58
QC Vacuum Adapter Large	12	1/4" HEX	ETD M and QMC	8432 0770 57
QC Vacuum Adapter Large	12	1/4" HEX	ETF M100, ETF MT100, ETF M200 and ETFMT200	8432 0770 59



Vacuum adapter

VACUUM NOZZLES

Model	Nozzle Ø mm	Tool Bit Drive	Ordering No.
Plastic Nozzle	8	HM4	4216 1190 16
Metallic Nozzle	8	HM4	4216 1190 17
Plastic Nozzle	12	1/4" HEX	4216 1190 20
Metallic Nozzle	12	1/4" HEX	4216 1190 21



Vacuum nozzles

VACUUM PUMP

Model	Ordering No.
Vacuum pump, VPX 6	8432 0830 06



VPX 6 vacuum pump

SCREW DISPENSER

Model	Screw size	Ordering No.
Screw dispenser for magnetized bit		
SDS screw dispenser	M1.0 - 5.0	8432 0830 00
Screw dispenser for vacuum pick up		
SDS SR 10	M1.0	8432 0870 30
SDS SR 12	M1.2	8432 0870 32
SDS SR 14	M1.4	8432 0870 34
SDS SR 17	M1.7	8432 0870 31
SDS SR 20	M2.0	8432 0870 33
SDS SR 23	M2.3	8432 0870 35
SDS SR 26	M2.6	8432 0870 36
SDS SR 30	M3.0	8432 0870 37



Screw dispenser for magnetic bit



Screw dispenser for vacuum pick up