

ETD/ETF ES

- Torque transducer with an accuracy of $\pm 7.5\%$ over six sigma.
- Robust, sealed design.
- New durable motor with higher speeds.
- Engineered in modules with component commonality.
- Clear LEDs visible through 360°.
- Hot swap.

ETD ES



ETF ES



Model	Square drive in	Torque range		Speed r/min	Weight		Length mm	CS distance mm	Spline/ Mounting	Ordering No.
		Nm	ft lb		kg	lb				
Straight models										
ETD ES21-02-I06-PS	–	0.8-2	0.6-1.5	4471	0.75	1.7	267	19.5	–	8436 0220 02
ETD ES21-04-I06-PS	–	1.6-4	1.2-3	1909	0.8	1.8	267	19.5	–	8436 0220 04
ETD ES21-07-I06-PS	–	2.8-7	2.1-5.2	1147	0.8	1.8	267	19.5	–	8436 0220 07
ETD ES21-12-I06-PS	–	4.8-12	3.5-8.9	745	0.8	1.8	267	19.5	–	8436 0220 12
ETD ES61-18-10	3/8	7.2-18	5.3-13.3	2129	1.7	3.75	418	23	-/1	8436 0265 18
ETD ES61-18-10-T25	3/8	7.2-18	5.3-13.3	2129	1.85	4.1	456	23	2/2	8436 0260 18
ETD ES61-25-10	3/8	10-25	7.4-18.4	1793	1.7	3.8	418	23	-/1	8436 0265 25
ETD ES61-25-10-T25	3/8	10-25	7.4-18.4	1793	1.85	4.1	456	23	2/2	8436 0260 25
ETD ES61-30-10	3/8	12-30	8.9-22.1	1077	1.7	3.8	418	23	-/1	8436 0265 30
ETD ES61-30-10-T25	3/8	12-30	8.9-22.1	1077	1.85	4.1	456	23	2/2	8436 0260 30
ETD ES61-50-13	1/2	20-50	14.8-36.9	679	2.95	6.5	493	29	2/2	8436 0265 50
ETD ES61-50-13-T25	1/2	20-50	14.8-36.9	679	3.05	6.7	521	29	3/5	8436 0260 50
ETD ES61-70-13	1/2	28-70	20.7-51.6	608	2.95	6.5	493	29	2/2	8436 0265 70
ETD ES61-70-13-T25	1/2	28-70	20.7-51.6	608	3.1	6.8	521	29	3/5	8436 0260 70
ETD ES61-90-13	1/2	36-90	26.6-66.4	467	2.95	6.5	493	29	2/2	8436 0265 90
ETD ES61-90-13-T25	1/2	36-90	26.6-66.4	467	3.1	6.8	521	29	3/5	8436 0260 90
ETD ES61-120-13	1/2	48-120	35.4-88.5	365	2.95	6.5	493	29	2/2	8436 0265 12
ETD ES61-120-13-T25	1/2	48-120	35.4-88.5	365	3.1	6.8	521	29	3/5	8436 0260 12
Straight models with lever start										
ETD ES21-02-I06	–	0.8-2	0.6-1.5	4471	0.78	1.76	267	19.5	–	8436 0221 02
ETD ES21-04-I06	–	1.6-4.5	1.2-3.3	1909	0.83	1.86	267	19.5	–	8436 0221 04
ETD ES21-07-I06	–	2.8-7	2.1-5.2	1147	0.83	1.86	267	19.5	–	8436 0221 07
ETD ES21-12-I06	–	4.8-12	3.5-8.9	745	0.83	1.86	267	19.5	–	8436 0221 12
Fixtured models										
ETF ES21-04-I06-T25	–	1.6-4	1.2-3	1909	0.96	2.1	338	22.5	– ^a	8436 0224 04
ETF ES21-07-I06-T25	–	2.8-7	2.1-5.2	1147	0.96	2.1	338	22.5	– ^a	8436 0224 07
ETF ES21-12-I06-T25	–	4.8-12	3.5-8.9	745	0.96	2.1	338	22.5	– ^a	8436 0224 12

^a Mounting bracket fixed.

Pistol Grip Models

ETP ES

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ETP ES



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		Nm	ft lb		kg	lb				
Pistol grip models										
ETP ES21-02-I06-PS	–	0.8-2	0.6-1.5	4471	0.85	1.87	225	19.5	–	8436 0320 02
ETP ES21-04-I06-PS	–	1.6-4	1.2-3	1909	0.85	1.87	225	19.5	–	8436 0320 04
ETP ES21-07-I06-PS	–	2.8-7	2.1-5.2	1147	0.85	1.87	225	19.5	–	8436 0320 07
ETP ES21-12-I06-PS	–	4.8-12	3.5-8.9	745	0.85	1.87	225	19.5	–	8436 0320 12

Tensor SL

ETD SL

- ETD SL is a very compact screwdriver with excellent power to weight ratio.
- Torque range from 0.3 to 10 Nm.
- Push-to-start function and front lights.
- Small center-to-side distance.
- Ergonomic design.
- Buzzer and additional blue LED for better operator support.



ETD SL



ETP SL



ETV SL



ETF SL

ETV SL

- ETV SL is the most compact transducerised angle screwdriver in the Tensor range.
- Torque range from 0.8 to 20 Nm.
- High durability with spiral angle gears.
- Ergonomic design.
- Buzzer and additional blue LED for better operator support.

ETP SL

- ETP SL is our first push-to-start pistol tool.
- Torque range from 0.3 to 10 Nm.
- Ergonomic, balanced pistol tool.
- Front lights for dark applications.
- Blue light and buzzer.

ETF SL

- ETF SL is the smallest and lightest fixed tool.
- Torque range from 0.3 to 10 Nm.
- Stroke with 25 mm suspension.
- Small center-to-side distance.

Model	Torque range		Speed r/min	Weight		Length mm	CS distance ^a mm	Stroke mm	Ordering No.
	Nm	in lb		kg	lb				
Straight tools, push-to-start and front lights									
ETD SL21-01-I06-PS	0,3-1,2	2,7-10	2950	0,7	1,6	246	18/19,5	—	8433 2102 92
ETD SL21-04-I06-PS	0,8-4	7-35	1600	0,7	1,6	246	18/19,5	—	8433 2104 91
ETD SL21-07-I06-PS	1,5-7,5	13-66	970	0,7	1,6	246	18/19,5	—	8433 2107 69
ETD SL21-10-I06-PS	2,0-10	18-89	720	0,7	1,6	246	18/19,5	—	8433 2108 25
Right angle tools, lever start									
ETV SL21-04-I06	0,8-4	7-35	1600	0,75	1,7	279	9	—	8433 2004 47
ETV SL21-04-I06-QC	0,8-4	8-35	1600	0,75	1,7	279	9	—	8433 2004 73
ETV SL21-04-06	0,8-4	9-35	1600	0,75	1,7	279	9	—	8433 2004 91
ETV SL21-07-I06	1,5-7,5	13-66	970	0,75	1,7	279	9	—	8433 2007 66
ETV SL21-07-I06-QC	1,5-7,5	14-66	970	0,75	1,7	279	9	—	8433 2007 79
ETV SL21-07-06	1,5-7,5	15-66	970	0,75	1,7	279	9	—	8433 2007 94
ETV SL21-12-I06	2,5-12	22-106	610	0,8	1,8	282	11	—	8433 2008 34
ETV SL21-12-I06-QC	2,5-12	23-106	610	0,8	1,8	282	11	—	8433 2008 61
ETV SL21-12-06	2,5-12	24-106	610	0,8	1,8	282	11	—	8433 2008 77
ETV SL21-20-10	4-20	36-180	465	0,95	2,1	285	14	—	8433 2009 55
ETV SL21-20-B10	4-20	36-180	465	0,95	2,1	285	14	—	8433 2009 60
Pistol grip, push-to-start									
ETP SL21-01-I06-PS	0,3-1,2	2,7-10	3000	0,85	1,9	246	20,5	—	8433 2201 16
ETP SL21-04-PS	0,8-4	7-35	1600	0,85	1,9	246	20,5	—	8433 2204 66
ETP SL21-07-PS	1,5-7,5	13-66	970	0,85	1,9	246	20,5	—	8433 2207 53
ETP SL21-10-PS	2-10	18-89	720	0,85	1,9	246	20,5	—	8433 2208 28
Fixed tools, lever start or remote start									
ETF SL21-01-I06-T25	0,3-1,2	2,7-10	3000	0,95	2,1	322	18	25	8433 2404 13
ETF SL21-04-I06-T25	0,8-4	7-35	1600	0,95	2,1	322	18	25	8433 2404 19
ETF SL21-07-I06-T25	1,5-7,5	13-66	970	0,95	2,1	322	18	25	8433 2407 26
ETF SL21-10-I06-T25	2-10	18-89	720	0,95	2,1	322	18	25	8433 2408 13

^a For ETV, CS distance over angle head.