

Atlas Copco Tensor ST

Get a grip on productivity



Tensor – the operators' choice

The Tensor range of electric assembly tools covers all station and assembly line requirements for safety critical and quality critical fastening applications. At Atlas Copco we have a proud legacy of putting the operator first and we continuously improve the ergonomic features on each new generation of Tensor tools. Tensor is also one of the most advanced tool ranges on the market in terms of high power-to-weight ratios and operator guidance in the form of clear result feedback via LED's or audio signals.

Productivity gains

Atlas Copco's unique Tensor motors give the Tensor range outstanding spindle speeds and, thus, help you achieve lower cycle times in your operation. Exceptional ergonomics in terms of balance, grip and low weight make the tools a favorite of the operators and increase individual productivity.

Operator feedback

All Tensor tools are equipped with LED's that will indicate the tightening result, green light for tightening OK and red light for NOK. Tensor ST and STR have configurable LED's and an integrated speaker for indicating results via audio signals.

Lowest cost of operation

At Atlas Copco we believe that quality is the road to lowest cost of operation over time. A maintained Tensor tool produces the same performance year after year at minimum and predictable costs while ensuring highest possible uptime.

Tensor DL: quality critical

The Tensor DL range is used for quality critical screws. Optimized for small screw assembly, the DL is the electric choice in the low torque segment.

Tensor SL: low torque safety critical, configurable tool functions

The Tensor SL range is optimized for safety critical small screw assembly. It offers compact screwdriver ergonomics, combined with traceability and error proofing capabilities.

Tensor DS: quality critical

Tensor DS is used for quality critical applications not requiring traceable measured torque value. DS offers major productivity and quality gains compared with conventional tooling.

Tensor S: safety critical

Tensor S is the well proven range for safety critical applications where traceability and error proofing capability is required.

Tensor ST: safety critical, configurable tool functions

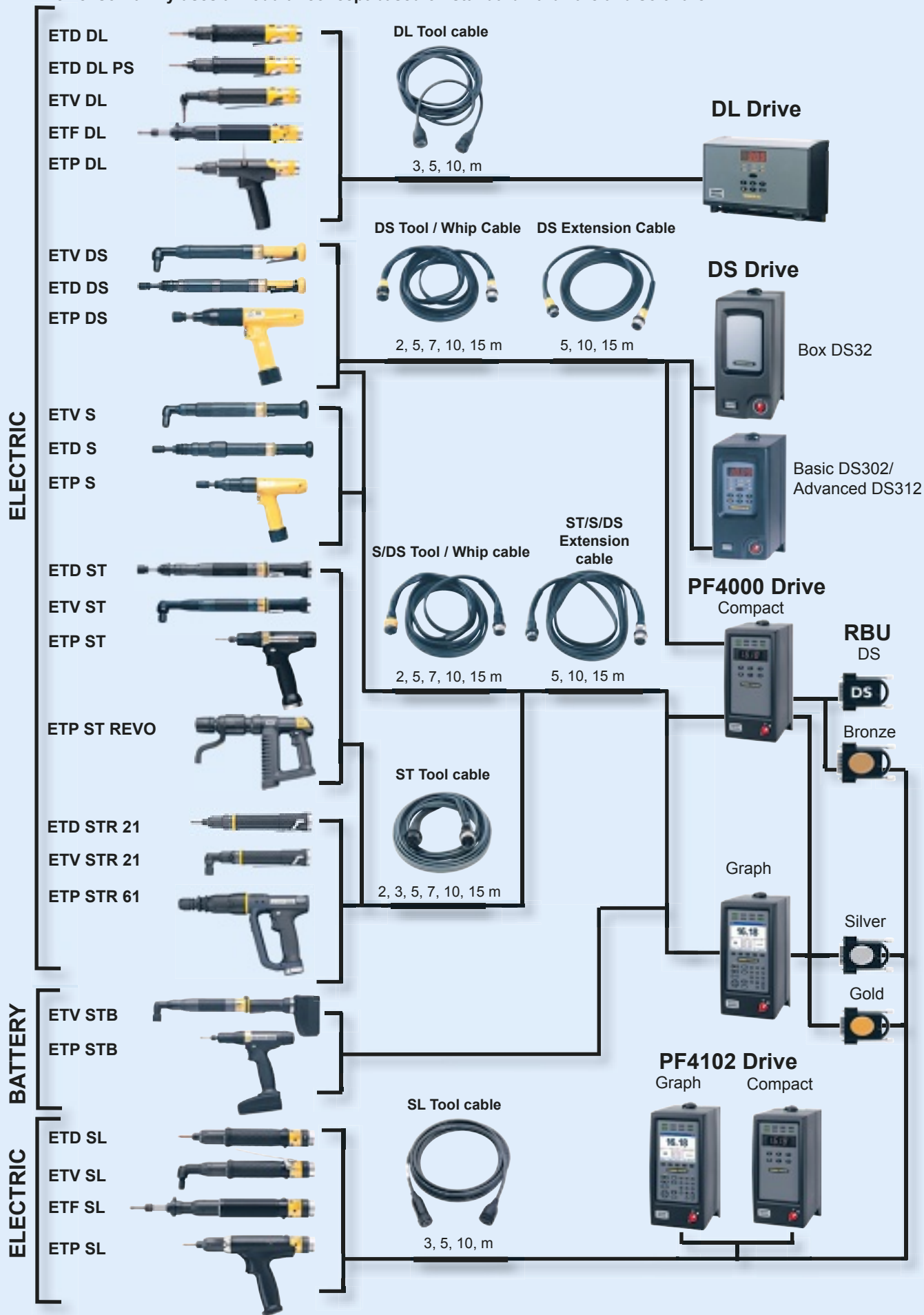
The second generation of Tensor tools was developed with low weight and productivity in mind. Tensor ST has an internal bus connection for intelligent accessories such as a barcode reader and torque selector switch.

Tensor STR: safety critical, configurable tool functions

The latest generation of Tensor tools where ergonomics and productivity are taken to a new level.



The Tensor family uses a modular concept based on standard hardware and software.



ETV ST

- ETV ST right angle tools are ideal for hand-held and fixtured applications.
- Torque range from 1 to 1000 Nm.
- Tensor ST complements the S range by:
 - Extremely high productivity.
 - More ergonomic benefits.
 - Better operator feedback.
- The ETV ST ATEX tools are certified to be used in environments with hazardous gases and liquids.



Model	Square drive in	Torque		Speed r/min	Weight		Length mm	CS distance mm	Height mm	Ordering No.
		Nm	ft lb		kg	lb				
ETV ST31										
ETV ST31-05-10	3/8	1 - 5	0.7 - 3.6	2390	1.0	2.2	381	11	39	8433 2011 21
ETV ST31-10-10	3/8	3 - 12	2.2 - 8.8	1020	1.0	2.2	381	11	39	8433 2013 66
ETV ST31-15-10	3/8	5 - 15	3.6 - 10	755	1.0	2.2	381	11	39	8433 2015 98
ETV ST31-20-10	3/8	5 - 22	3.7 -16.1	545	1.2	2.6	415	14	42	8433 2017 10
ETV ST31 Ball Retainer										
ETV ST31-05-B10	3/8	1 - 5	0.7 - 3.6	2390	1.0	2.2	381	11	39	8433 2011 87
ETV ST31-10-B10	3/8	3 - 12	2.2 - 8.8	1020	1.0	2.2	381	11	39	8433 2014 12
ETV ST31-15-B10	3/8	5 - 15	3.6 - 10	755	1.0	2.2	381	11	39	8433 2016 36
ETV ST31-20-B10	3/8	5 - 22	3.7 -16.1	545	1.2	2.6	415	14	42	8433 2018 23
ETV ST31 Female Hex										
ETV ST31-05-I06-QC	-	1 - 5	0.7 - 3.6	2390	1.0	2.2	381	11	39	8433 2011 95
ETV ST31-10-I06-QC	-	3 - 12	2.2 - 8.8	1020	1.0	2.2	381	11	39	8433 2014 21
ETV ST61										
ETV ST61-28-10	3/8	6 - 29	4 - 21	1450	1.3	2.9	440	14	42	8433 2021 76
ETV ST61-30-10	3/8	7 - 35	5 - 25	1090	1.3	2.9	440	15.5	42	8433 2023 92
ETV ST61-40-10	3/8	8 - 40	6 - 29	1090	1.5	3.3	454	18	47	8433 2027 85
ETV ST61-50-10	3/8	10 - 55	7 - 40	655	1.5	3.3	454	18	47	8433 2031 58
ETV ST61-70-13	1/2	15 - 80	10 - 58	475	2.0	4.5	466	20	58	8433 2035 30
ETV ST61-100-13	1/2	20 - 100	15 - 80	350	2.5	5.5	502	22.5	60	8433 2039 02
ETV ST61-150-13	1/2	30 - 160	22 -117	227	3.0	6.6	536	25.5	65	8433 2042 70
ETV ST61-180-13	1/2	35 - 180	26 133	190	3.0	6.6	536	25.5	65	8433 2045 53
ETV ST61-200-20	3/4	40 -200	30 -154	185	3.0	6.6	537	27	70	8433 2046 39
ETV ST61 ATEX										
ETV ST61-28-10-ATEX	3/8	6 - 29	4 - 21	1450	1.3	2.9	440	14	42	8433 2023 76
ETV ST61-30-10-ATEX	3/8	7 - 35	5 - 25	1090	1.3	2.9	440	15.5	42	8433 2026 92
ETV ST61-40-10-ATEX	3/8	8 - 40	6 - 29	1090	1.5	3.3	454	18	47	8433 2030 85
ETV ST61-50-10-ATEX	3/8	10 - 55	7 - 40	655	1.5	3.3	454	18	47	8433 2034 98
ETV ST61-70-13-ATEX	1/2	15 - 80	10 - 58	475	2.0	4.5	466	20	58	8433 2037 90
ETV ST61-100-13-ATEX	1/2	20 - 100	15 - 80	350	2.5	5.5	502	22.5	60	8433 2041 41
ETV ST61-150-13-ATEX	1/2	30 - 160	22 -117	230	3.0	6.6	536	25.5	65	8433 2045 20
ETV ST61-200-20-ATEX	3/4	40 -200	30 -154	185	3.0	6.6	537	27	70	8433 2048 49
ETV ST61 Ball Retainer										
ETV ST61-28-B10	3/8	6 - 29	4 - 21	1450	1.3	2.9	440	14	42	8433 2022 32
ETV ST61-30-B10	3/8	7 - 35	5 - 25	1090	1.3	2.9	440	15.5	42	8433 2025 09
ETV ST61-40-B10	3/8	8 - 40	6 - 29	1090	1.5	3.3	454	18	47	8433 2029 13
ETV ST61-50-B10	3/8	10 - 55	7 - 40	655	1.5	3.3	454	18	47	8433 2032 87
ETV ST61-70-B13	1/2	15 - 80	10 - 58	475	2.0	4.5	466	20	60	8433 2036 93
ETV ST61-100-B13	1/2	20 - 100	15 - 80	350	2.5	5.5	502	22.5	58	8433 2040 70
ETV ST61-150-B13	1/2	30 - 160	22 - 117	230	3.0	6.6	536	25.5	65	8433 2043 62
ETV ST61-180-B13	1/2	35 - 180	26 -133	190	3.0	6.6	536	25.5	65	8433 2045 61

Continued....

Model	Square drive in	Torque		Speed r/min	Weight		Length mm	CS distance mm	Height mm	Ordering No.
		Nm	ft lb		kg	lb				
ETV ST61 Flush Socket										
ETV ST61-30-FS	-	7 - 35	5 - 25	1090	1.3	2.9	440	16	32	8433 2025 50
ETV ST61-40-FS	-	8 - 40	6 - 29	1090	1.5	3.3	454	18	39	8433 2029 50
ETV ST61-50-FS	-	10 - 55	7 - 40	655	1.5	3.3	454	18	39	8433 2033 15
ETV ST61-70-FS	-	15 - 80	10 - 58	475	2.0	4.5	466	20	50	8433 2037 36
ETV ST61-100-FS	-	20 - 110	15 - 80	350	2.5	5.5	502	23	51	8433 2040 75
ETV ST61-150-FS	-	30 - 160	22 - 117	220	3.0	6.6	539	26	58	8433 2044 14
ETV ST61-180-FS	1/2	35 180	26 133	190	3.0	6.6	539	26	58	8433 2045 72
ETV ST61-200-FS	-	40 - 200	30 - 154	185	3.0	6.6	541	27	58	8433 2047 21
ETV ST61 Hold & Drive										
ETV ST61-28-HAD	-	6 - 29	4 - 21	1450	1.9	4.2	463	18.3	80	8433 2023 21
ETV ST61-30-HAD	-	7 - 35	5 - 25	1090	1.9	4.2	463	18.3	80	8433 2026 25
ETV ST61-40-HAD	-	8 - 40	6 - 29	1090	2.0	4.4	440	18.3	80	8433 2030 08
ETV ST61-50-HAD	-	10 - 55	7 - 40	655	2.0	4.4	440	18.3	80	8433 2033 92
ETV ST61-90-HAD	-	20 - 95	15 - 70	400	2.1	4.5	522	26	80	8433 2038 25
ETV ST61-120-HAD	-	30 - 130	22 - 100	350	2.6	5.5	540	26	80	8433 2041 53
ETV ST61-150-HAD	-	30 - 160	22 - 117	220	3.1	6.6	540	26	80	8433 2044 80
ETV ST61-180-HAD		35 180	26 133	190	3.1	6.6	540	26	80	8433 2045 80
ETV ST61-200-HAD	-	40 - 200	30 - 154	185	3.1	6.6	541	26	80	8433 2048 27
ETV ST61 with Barcode Scanner										
ETV ST61-28-10-BCR	3/8	6 - 29	4 - 21	1450	1.4	3.2	440	14	42	8433 2023 46
ETV ST61-28-B10-BCR	3/8	6 - 29	4 - 21	1450	1.4	3.2	440	14	42	8433 2023 55
ETV ST61-30-10-BCR	3/8	7 - 35	5 - 25	1090	1.4	3.2	440	15.5	42	8433 2026 66
ETV ST61-30-B10-BCR	3/8	7 - 35	5 - 25	1090	1.4	3.2	440	15.5	42	8433 2026 72
ETV ST61-50-10-BCR	3/8	10 - 55	7 - 40	655	1.6	3.6	454	18	47	8433 2034 67
ETV ST61-50-B10-BCR	3/8	10 - 55	7 - 40	655	1.6	3.6	454	18	47	8433 2034 75
ETV ST61-70-10-BCR	1/2	15 - 80	10 - 58	475	2.1	4.8	466	20	58	8433 2037 55
ETV ST61-70-B10-BCR	1/2	15 - 80	10 - 58	475	2.1	4.8	466	20	58	8433 2037 61
ETV ST81										
ETV ST81-50-10	3/8	16 - 55	12 - 40	1090	1.8	3.9	473	18	48	8433 2051 55
ETV ST81-70-13	1/2	20 - 80	15 - 58	790	2.3	5.0	485	20	58	8433 2053 48
ETV ST81-100-13	1/2	20 - 100	15 - 80	540	2.7	5.9	522	22.5	60	8433 2056 82
ETV ST81-150-13	1/2	30 - 160	22 - 117	380	3.2	7.0	555	26	65	8433 2060 12
ETV ST81-180-13	1/2	35 - 180	26 133	310	3.2	7.0	555	26	65	8433 2062 31
ETV ST81-200-20	3/4	40 - 200	30 - 154	300	3.2	7.0	556	27	70	8433 2063 42
ETV ST81 Ball Retainer										
ETV ST81-50-B10	3/8	16 - 55	12 - 40	1090	1.8	3.9	473	18	48	8433 2052 36
ETV ST81-70-B13	1/2	20 - 80	15 - 58	790	2.3	5.0	485	20	58	8433 2054 62
ETV ST81-100-B13	1/2	20 - 100	15 - 80	540	2.7	5.9	522	22.5	60	8433 2058 24
ETV ST81-150-B13	1/2	30 - 160	22 - 117	380	3.3	7.0	555	25.5	65	8433 2060 97
ETV ST81-180-B13	1/2	35 - 180	26 - 133	310	3.2	7.0	555	25.5	65	8433 2062 43
ETV ST81 Flush Socket										
ETV ST81-50-FS	-	16 - 55	12 - 40	1090	1.8	3.9	472	18	39	8433 2052 53
ETV ST81-70-FS	-	20 - 80	15 - 58	790	2.3	5.0	497	20	50	8433 2055 07
ETV ST81-100-FS		20 100	15 80	540	2.7	5.9	522	23	51	8433 2058 68
ETV ST81-180-FS		35 180	26 133	310	3.2	7.0	555	26	58	8433 2062 50
ETV ST81-200-FS		40 200	30 154	300	3.2	7.0	557	28	58	8433 2064 59
ETV ST81 Hold & Drive										
ETV ST81-50-HAD	-	16 - 55	12 - 40	1090	2.3	5.0	473	18.5	80	8433 2052 80
ETV ST81-90-HAD	-	20 - 95	15 - 70	665	2.4	5.1	540	26	80	8433 2056 03
ETV ST81-120-HAD	-	30 - 130	22 - 100	540	2.8	6.0	560	26	80	8433 2058 65
ETV ST81-150-HAD	-	30 - 160	22 - 117	365	3.3	7.0	560	26	80	8433 2061 81
ETV ST81-180-HAD		35 180	26 133	310	3.3	7.0	560	26	80	8433 2062 60
TV ST81-200-HAD	-	40 - 200	30 - 154	300	3.3	7.0	561	28	81	8433 2065 09
ETV ST81 Extended										
ETV ST81-70-13-L150	1/2	20 - 80	15 - 58	790	2.3	5.0	633	20	58	8433 2055 62
ETV ST81-100-13-L150	1/2	20 - 110	15 - 80	540	2.7	5.9	672	22.5	60	8433 2059 36
ETV ST81-200-20-L150	3/4	40 - 200	30 - 154	300	3.2	7.0	708	27	70	8433 2065 29
ETV ST101										
ETV-ST101-100-13	1/2	20 - 100	15 - 74	920	4.2	9.3	572	22.5	44	8433 2080 10
ETV-ST101-180-13	1/2	50 - 180	37 - 133	485	4.2	9.3	600	25.3	47	8433 2080 52
ETV-ST101-200-20	3/4	50 - 200	37 - 147	485	4.4	9.7	602	27.5	47	8433 2080 92
ETV-ST101-270-20	3/4	65 - 270	48 - 199	380	7.3	16.1	672	32.9	62	8433 2081 23
ETV-ST101-370-20	3/4	90 - 370	66 - 273	280	7.3	16.1	672	32.9	62	8433 2082 26
ETV-ST101-450-20	3/4	110 - 450	81 - 332	230	10.6	23.4	715	54.0	76	8433 2082 81
ETV-ST101-600-25	1	150 - 600	111 - 443	151	10.6	23.4	715	54.0	76	8433 2083 56

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Model	Square drive in	Torque		Speed r/min	Weight		Length mm	CS distance mm	Height mm	Ordering No.
		Nm	ft lb		kg	lb				
ETV ST101 Ball Retainer/Fan										
ETV-ST101-100-B13	1/2	20 - 100	15 - 74	920	4.2	9.3	572	23	44	8433 2080 20
ETV-ST101-100-B13-F	1/2	20 - 100	15 - 74	920	4.2	9.3	572	23	44	8433 2080 35
ETV-ST101-180-B13	1/2	50 - 180	37 - 133	485	4.2	9.3	600	25	47	8433 2080 56
ETV-ST101-180-B13-F	1/2	50 - 180	37 - 133	485	4.2	9.3	600	25	47	8433 2080 66
ETV ST101 Flush Socket/Fan										
ETV-ST101-100-FS	-	20 - 100	15 - 74	920	4.2	9.3	572	23	50	8433 2080 25
ETV-ST101-100-FS-F	-	20 - 100	15 - 74	920	4.2	9.3	572	23	50	8433 2080 40
ETV-ST101-180-FS	-	50 - 180	37 - 133	485	4.2	9.3	600	26	58	8433 2080 61
ETV-ST101-180-FS-F	-	50 - 180	37 - 133	485	4.2	9.3	600	26	58	8433 2080 71
ETV-ST101-200-FS	-	50 - 200	37 - 147	485	4.4	9.7	602	28	58	8433 2080 96
ETV-ST101-200-FS-F	-	50 - 200	37 - 147	485	4.4	9.7	602	28	58	8433 2081 03
ETV-ST101-270-FS	-	65 - 270	48 - 199	380	7.5	16.4	672	33	77	8433 2081 35
ETV-ST101-270-FS-F	-	65 - 270	48 - 199	380	7.5	16.5	672	33	77	8433 2081 60
ETV-ST101-370-FS	-	90 - 370	66 - 273	280	7.5	16.5	672	33	77	8433 2082 38
ETV-ST101-370-FS-F	-	90 - 370	66 - 273	280	7.5	16.5	672	33	77	8433 2082 52
ETV-ST101-450-FS	-	110 - 450	81 - 332	230	10.0	22.0	715	54	69	8433 2082 88
ETV-ST101-450-FS-F	-	110 - 450	81 - 332	230	10.0	22.0	715	54	69	8433 2082 96
ETV-ST101-600-FS	-	150 - 600	111 - 443	150	10.0	22.0	715	54	69	8433 2083 64
ETV-ST101-600-FS-F	-	150 - 600	111 - 443	150	10.0	22.0	715	54	69	8433 2083 80
ETV ST101 Fan										
ETV-ST101-100-13-F	1/2	20 - 100	15 - 74	920	4.2	9.3	572	23	44	8433 2080 30
ETV-ST101-180-13-F	1/2	50 - 180	37 - 133	485	4.2	9.3	600	25	47	8433 2080 63
ETV-ST101-200-20-F	3/4	50 - 200	37 - 147	485	4.4	9.7	602	28	47	8433 2080 93
ETV-ST101-270-20-F	3/4	65 - 270	48 - 199	380	7.3	16.1	672	33	62	8433 2081 45
ETV-ST101-370-20-F	3/4	90 - 370	66 - 273	280	7.3	16.1	672	33	62	8433 2082 48
ETV-ST101-450-20-F	3/4	110 - 450	81 - 332	230	10.6	23.4	715	54	76	8433 2082 90
ETV-ST101-600-25-F	1	150 - 600	111 - 443	150	10.6	23.4	715	54	76	8433 2083 69
ETV ST101 Intel/Fan										
ETV-ST101-100-Intel	1/2	20 - 100	15 - 74	920	4.6	10.2	572	23	82	8433 2080 28
ETV-ST101-100-Intel-F	1/2	20 - 100	15 - 74	920	4.6	10.2	572	23	82	8433 2080 47
ETV-ST101-180-Intel	1/2	50 - 180	37 - 133	485	4.6	10.1	600	26	90	8433 2080 62
ETV-ST101-180-Intel-F	1/2	50 - 180	37 - 133	485	4.6	10.2	600	26	90	8433 2080 99
ETV-ST101-200-Intel	1/2	50 - 200	37 - 147	485	4.8	10.6	602	28	90	8433 2081 01
ETV-ST101-200-Intel-F	1/2	50 - 200	37 - 147	485	4.8	10.6	602	28	90	8433 2081 02
ETV-ST101-270-Intel	3/4	65 - 270	48 - 199	380	8.4	18.5	672	33	113	8433 2081 40
ETV-ST101-270-Intel-F	3/4	65 - 270	48 - 199	380	8.4	18.5	672	33	113	8433 2081 98
ETV-ST101-370-Intel	3/4	66 - 273	90 - 370	280	8.4	18.5	672	33	113	8433 2082 40
ETV-ST101-370-Intel-F	3/4	66 - 273	90 - 370	280	8.4	18.5	672	33	113	8433 2082 59
ETV ST101 Hold & Drive/Fan										
ETV-ST101-100-HAD	-	20 - 100	15 - 74	920	4.9	10.8	572	23	71.4	8433 2080 45
ETV-ST101-100-HAD-F	-	20 - 100	15 - 74	920	4.6	10.2	572	23	71.4	8433 2080 46
ETV-ST101-180-HAD	-	50 - 180	37 - 133	485	4.9	10.8	600	26	80.1	8433 2080 89
ETV-ST101-180-HAD-F	-	50 - 180	37 - 133	485	4.6	10.1	600	26	80.1	8433 2080 90
ETV-ST101-200-HAD	-	50 - 200	37 - 147	485	5.1	11.2	602	28	80.2	8433 2080 99
ETV-ST101-200-HAD-F	-	50 - 200	37 - 147	485	5.1	11.2	602	28	80.2	8433 2081 04
ETV-ST101-270-HAD	-	65 - 270	48 - 199	380	8.3	18.3	672	33	103.5	8433 2081 92
ETV-ST101-270-HAD-F	-	65 - 270	48 - 199	380	8.3	18.3	672	33	103.5	8433 2081 95
ETV-ST101-370-HAD	-	90 - 370	66 - 273	280	8.3	18.3	672	33	103.5	8433 2082 55
ETV-ST101-370-HAD-F	-	90 - 370	66 - 273	280	8.3	18.3	672	33	103.5	8433 2082 58
ETV-ST101-450-HAD	-	110 - 450	81 - 332	230	11.7	25.8	715	54	104.2	8433 2082 97
ETV-ST101-450-HAD-F	-	110 - 450	81 - 332	230	11.7	25.8	715	54	104.2	8433 2082 98
ETV-ST101-600-HAD	-	150 - 600	111 - 443	150	11.7	25.8	715	54	104.2	8433 2083 90
ETV-ST101-600-HAD-F	-	150 - 600	111 - 443	150	11.7	25.8	715	54	104.2	8433 2083 93
ETV ST101 Fixtured Extension/Fan										
ETV ST101-180-13-M	1/2	50 - 180	37 - 133	485	5.0	11	673	25	47	8433 2080 83
ETV ST101-180-13-M-F	1/2	50 - 180	37 - 133	485	5.0	11	673	25	47	8433 2080 86
ETV ST101-270-20-M	3/4	65 - 270	48 - 199	380	8.5	18.8	763	33	62	8433 2081 82
ETV ST101-370-20-M	3/4	90 - 370	66 - 273	280	8.5	18.8	763	33	62	8433 2082 60
ETV ST101 Torque Multiplier/Fan										
ETV ST101-600-TM	3/4	150 - 600	111 - 443	132	7.6	16.8	613	34	143	8433 2083 62
ETV-ST101-600-TM-F	3/4	150 - 600	111 - 443	132	7.6	16.8	613	34	143	8433 2083 96
ETV-ST101-1000-TM	1	250 - 1000	184 - 734	77	11.3	24.3	679	40	191	8433 2084 05
ETV-ST101-1000-TM-F	1	250 - 1000	184 - 734	77	11.3	24.3	679	40	191	8433 2084 10
ETV ST101-1500-38-TM	1 1/2	325 - 1500	240 -1100	48	19	42	719	71	233	8433 2084 70
ETV ST101-2000-38-TM	1 1/2	500 - 2000	370 -1475	35	19	42	719	71	231	8433 2084 80

ETD ST

- ETD ST inline tools.
- Torque range from 1 to 4000 Nm.
- Tensor ST complements the S range by ensuring extremely high levels of productivity and better operator feed-back.



ETD ST

Model	Square drive in	Torque		Speed r/min	Weight		Length mm	CS distance mm	Spline/ Mounting	Ordering No.	
		Nm	ft lb		kg	lb					
ETD ST31											
ETD ST31-05-10	3/8	1 -	5	1.1 - 3.6	2825	0.9	2.0	388	24	- / 1	8433 2112 42
ETD ST31-10-10	3/8	2 -	10	2.2 - 7.2	1200	1.1	2.4	388	24	- / 1	8433 2114 86
ETD ST31 Telescopic											
ETD ST31-05-10-T25	3/8	1 -	5	1.1 - 3.6	2825	0.9	2.0	437	24	- / 13	8433 2111 34
ETD ST31-10-10-T25	3/8	2 -	10	2.2 - 7.2	1200	1.1	2.4	437	24	- / 13	8433 2113 79
ETD ST31 Ball Retainer Telescopic											
ETD ST31-05-B10-T25	3/8	1 -	5	1.1 - 3.6	2825	1.1	2.4	437	24	- / 13	8433 2113 44
ETD ST31 Female Hex											
ETD ST31-05-I06	1/4	1 -	5	1.1 - 3.6	2825	0.9	2.0	350	24	- / 14	8433 2112 87
ETD ST61											
ETD ST61-15-10	3/8	4 -	16	3 - 12	2250	1.4	3.1	438	24	- / 1	8433 2120 91
ETD ST61-20-10	3/8	5 -	22	3.6 - 16	1700	1.4	3.1	438	24	- / 1	8433 2122 62
ETD ST61-30-10	3/8	6 -	35	4.4 - 25	1020	1.4	3.1	429	24	- / 1	8433 2125 06
ETD ST61-50-13	1/2	10 -	55	7.3 - 40	740	1.9	4.2	474	24	2 / 2	8433 2128 79
ETD ST61-70-13	1/2	15 -	80	12 - 58	505	2.3	5.0	491	26.5	2 / 2	8433 2132 51
ETD ST61-90-13	1/2	20 -	95	15 - 70	410	2.3	5.0	491	26.5	2 / 2	8433 2136 22
ETD ST61 Telescopic											
ETD ST61-15-10-T25	3/8	4 -	16	3 - 12	2250	1.5	3.3	477	24	2 / 2	8433 2120 43
ETD ST61-20-10-T25	3/8	5 -	20	3.6 - 15	1700	1.5	3.3	477	24	2 / 2	8433 2121 55
ETD ST61-30-10-T25	3/8	6 -	35	4.4 - 25	1020	1.5	3.3	468	24	2 / 2	8433 2123 80
ETD ST61-50-13-T25	1/2	10 -	55	7.3 - 40	740	2.1	4.6	501	24	3 / 5	8433 2127 54
ETD ST61-70-13-T25	1/2	15 -	80	12 - 58	505	2.4	5.4	518	26.5	3 / 5	8433 2131 27
ETD ST61-90-13-T25	1/2	20 -	95	15 - 70	410	2.4	5.4	518	26.5	3 / 5	8433 2134 99
ETD ST61-120-13-T25	1/2	25 -	125	19 - 95	305	2.4	5.4	518	26.5	3 / 5	8433 2138 68
ETD ST61 Female Hex											
ETD ST61-15-I06	1/4	4 -	16	3 - 12	2250	1.4	3.1	430	24	- / 1	8433 2121 36
ETD ST81											
ETD ST81-30-10	1/2	10 -	30	7 - 22	1700	1.8	4.0	450	24	- / 1	8433 2151 93
ETD ST81-50-13	1/2	16 -	50	12 - 37	1230	2.1	4.6	493	24	2 / 2	8433 2153 34
ETD ST81-70-13	1/2	15 -	70	12 - 51	880	2.5	5.5	510	26.5	2 / 2	8433 2156 03
ETD ST81-90-13	1/2	20 -	95	15 - 70	675	2.5	5.5	510	26.5	2 / 2	8433 2158 14
ETD ST81-120-13	1/2	25 -	125	19 - 91	505	2.5	5.5	510	26.5	2 / 2	8433 2160 25
ETD ST81 Telescopic											
ETD ST81-30-10-T25	3/8	10 -	30	7 - 22	1700	1.9	4.2	488	24	2 / 2	8433 2151 21
ETD ST81-50-13-T25	1/2	16 -	50	12 - 37	1230	2.3	5.0	520	24	3 / 5	8433 2152 72
ETD ST81-70-13-T25	1/2	15 -	70	12 - 51	880	2.6	5.8	538	26.5	3 / 5	8433 2154 98
ETD ST81-90-13-T25	1/2	20 -	95	15 - 70	675	2.6	5.8	538	26.5	3 / 5	8433 2157 25
ETD ST81-120-13-T25	1/2	25 -	125	19 - 91	505	2.6	5.8	538	26.5	3 / 5	8433 2159 53
ETD ST101											
ETD ST101-100-13	1/2	25 -	100	18 - 73	1043	3.2	7.0	631	30.5	-	8433 2179 00
ETD ST101-120-13	1/2	30 -	120	22 - 88	875	3.2	7.0	631	30.5	-	8433 2180 22
ETD ST101-150-20	3/4	30 -	150	22 - 109	685	4.3	9.3	706	33	-	8433 2181 36
ETD ST101-200-20	3/4	50 -	200	36 - 146	500	4.3	9.3	706	33	-	8433 2182 05
ETD ST101-300-20	3/4	70 -	300	51 - 221	345	4.3	9.3	706	33	-	8433 2182 70
ETD ST101-500-20	3/4	120 -	500	88 - 368	204	8.3	18.5	717	33	-	8433 2183 28
ETD ST101-750-25	1	150 -	750	109 - 553	143	9.1	20.3	681	45	-	8433 2184 40
ETD ST101-1000-25	1	250 -	1000	184 - 737	100	9.7	21.6	708	45	-	8433 2185 60
ETD ST101-1200-25	1	300 -	1200	220 - 885	81	12	26	787	47	-	8433 2186 10
ETD ST101-1200-25-S	1	300 -	1200	220 - 885	81	12	26	787	47	7	8433 2196 10
ETD ST101-2000-38	1 1/2	500 -	2000	370 - 1475	48	17	37	742	68	-	8433 2187 22
ETD ST101-2000-38-S	1 1/2	500 -	2000	370 - 1475	48	17	37	742	68	8	8433 2197 22
ETD ST101-4000-38	1 1/2	1000 -	4000	735 - 2950	25	22	48	823	68	-	8433 2187 40
ETD ST101-4000-38-S	1 1/2	1000 -	4000	735 - 2950	25	22	48	823	68	8	8433 2197 40

Continued....

Model	Square drive in	Torque		Speed r/min	Weight		Length mm	CS distance mm	Spline/ Mounting	Ordering No.
		Nm	ft lb		kg	lb				
ETD ST101 Fan										
ETD ST101-100-13-F	1/2	25 - 100	18 - 73	1043	3.2	7.0	631	30.5	-	8433 2179 05
ETD ST101-120-13-F	1/2	30 - 120	22 - 88	875	3.2	7.0	631	30.5	-	8433 2180 28
ETD ST101-150-20-F	3/4	30 - 150	22 - 109	685	4.3	9.3	706	33	-	8433 2181 40
ETD ST101-200-20-F	3/4	50 - 200	36 - 146	500	4.3	9.3	706	33	-	8433 2182 10
ETD ST101-300-20-F	3/4	70 - 300	51 - 221	345	4.3	9.3	706	33	-	8433 2182 72
ETD ST101-500-20-F	3/4	120 - 500	88 - 368	204	8.3	18.5	717	33	-	8433 2183 30
ETD ST101-750-25-F	1	150 - 750	109 - 553	143	9.1	20.3	681	45	-	8433 2184 50
ETD ST101-1000-25-F	1	250 - 1000	184 - 737	100	9.7	21.6	708	45	-	8433 2185 70
ETD ST101 Telescopic										
ETD-ST101-100-13-T25	1/2	25 - 100	18 - 73	1043	3.3	7.3	656	30.5	-	8433 2179 10
ETD-ST101-120-13-T25	1/2	30 - 120	22 - 88	873	3.3	7.3	656	30.5	-	8433 2180 32
ETD-ST101-150-20-T40	3/4	30 - 150	22 - 109	685	4.4	9.7	656	30.5	-	8433 2181 46
ETD-ST101-200-20-T40	3/4	50 - 200	36 - 146	500	4.4	9.7	756	33	-	8433 2182 23
ETD-ST101-300-20-T40	3/4	70 - 300	51 - 221	345	4.4	9.7	756	33	-	8433 2182 82
ETD-ST101-500-20-T40	3/4	120 - 500	88 - 368	204	8.4	18.5	768	37	-	8433 2183 38
ETD-ST101-750-25-T50	1	150 - 750	109 - 553	143	9.2	20.3	727	45	-	8433 2184 56
ETD-ST101-1000-25-T50	1	250 - 1000	184 - 737	100	9.8	21.6	754	45	-	8433 2185 78
ETD ST101-1200-25-T50	1	300 - 1200	22 - 885	81	12	26	844	47	-	8433 2186 12
ETD ST101-1200-25-T50-S	1	300 - 1200	220 - 885	81	12	26	844	47	7	8433 2196 12
ETD ST101-2000-38-T50	1 1/2	500 - 2000	370 - 1475	48	17	37	840	68	-	8433 2187 20
ETD ST101-2000-38-T50-S	1 1/2	500 - 2000	370 - 1475	48	17	37	840	68	8	8433 2197 20
ETD ST101-4000-38-T50	1 1/2	1000 - 4000	735 - 2950	25	22	48	921	68	-	8433 2187 42
ETD ST101-4000-38-T50-S	1 1/2	1000 - 4000	735 - 2950	25	22	48	921	68	8	8433 2197 42
ETD ST101 Telescopic Fan										
ETD-ST101-100-13-T25F	1/2	25 - 100	18 - 73	1043	3.3	7.3	656	30.5	-	8433 2179 15
ETD-ST101-120-13-T25F	1/2	30 - 120	22 - 88	873	3.3	7.3	656	30.5	-	8433 2180 48
ETD-ST101-150-20-T40F	3/4	30 - 150	22 - 109	685	4.4	9.7	656	30.5	-	8433 2181 59
ETD-ST101-200-20-T40F	3/4	50 - 200	36 - 146	500	4.4	9.7	756	33	-	8433 2182 45
ETD-ST101-300-20-T40F	3/4	70 - 300	51 - 221	345	4.4	9.7	756	33	-	8433 2182 91
ETD-ST101-500-20-T40F	3/4	120 - 500	88 - 368	204	8.4	18.5	769	37	-	8433 2183 49
ETD-ST101-750-25-T50F	1	150 - 750	109 - 553	143	9.2	20.3	769	45	-	8433 2184 69
ETD-ST101-1000-25-T50F	1	250 - 1000	184 - 737	100	9.8	21.6	755	45	-	8433 2185 89

ETP ST

- ETP ST is a pistol grip model for hand-held applications.
- Torque range from 1 to 20 Nm.
- Female hex drive for bits.
- Low weight and ergonomic grip.
- Easy to access, reverse button.
- Operator friendly, feedback signals with sound and lights.



ETP ST

Model	Square drive in	Torque		Speed r/min	Weight		Length mm	Height mm	Ordering No.
		Nm	ft lb		kg	lb			
ETP ST32									
ETP ST32-05-10	3/8	1 - 5	0.7 - 3.6	2820	0.75	1.7	197	179	8433 2211 03
ETP ST32-05-I06	1/4	1 - 5	0.7 - 3.6	2820	0.75	1.7	197	179	8433 2212 19
ETP ST32-10-10	3/8	3 - 11	2.2 - 8.0	1210	0.8	1.8	197	179	8433 2213 48
ETP ST32-10-I06	1/4	3 - 11	2.2 - 8.0	1210	0.8	1.8	197	179	8433 2214 63
ETP ST32-20-I06	1/4	5 -20	3.6 -15.0	677	0.91	2	235	179	8433 2217 11
ETP ST32-20-10	3/8	5 -20	3.6 -15.0	677	0.91	2	235	179	8433 2216 95
ETP ST32 with Barcode Scanner									
ETP ST32-05-10BCR	3/8	1 - 5	0.7 - 3.6	2820	0.87	2	197	205	8433 2211 13
ETP ST32-05-I06BCR	1/4	1 - 5	0.7 - 3.7	2820	0.87	2	197	205	8433 2212 29
ETP ST32-10-10BCR	3/8	3 - 11	2.2 - 8.0	1210	0.92	2.1	197	205	8433 2213 58
ETP ST32-10-I06BCR	1/4	3 - 11	2.2 - 8.0	1210	0.92	2.1	197	205	8433 2214 73
ETP ST32-20-I06BCR	1/4	5 -20	3.6 -15.0	677	1.03	2.3	237	205	8433 2217 26
ETP ST32-20-10BCR	3/8	5 -20	3.6 -15.0	677	1.03	2.3	237	205	8433 2217 05

Pistol Grip Models

Tensor ST Rev0

ST Rev0

- Unique and patented 360° swivel with transducer.
- Ultra-compact size improves access.
- Reduced weight means less need for fixtures.
- Display on tool gives direct feedback of tightening result.
- Program selection is made directly on tool.
- Ideal for handheld application or fixtures with reduced space.
- Torque range from 60-1000 Nm.



ETP ST Rev0

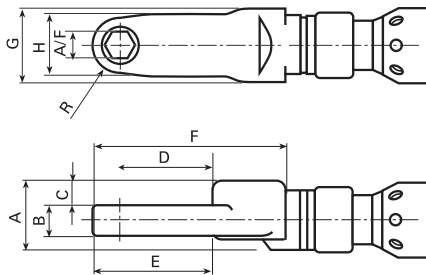
Check with your local Atlas Copco Tools representative regarding availability on your market.

Model	Square drive in	Torque		Speed r/min	Weight		Length mm	CS distance mm	Spline	Ordering No.
		Nm	ft lb		kg	lb				
ETP ST101-200-20	3/4	60 - 200	45 - 145	396	4.8	10.5	303	32.5	3	8433 2302 01
ETP ST101-500-20	3/4	150 - 500	110 - 365	186	5.5	12.1	334	33.5	4	8433 2305 01
ETP ST101-750-25	1	220 - 750	160 - 550	132	5.8	12.8	353	33.5	5	8433 2307 51
ETP ST101-1000-25	1	300 - 1000	220 - 735	99	6	13.2	364	33.5	5	8433 2310 01
Model with fan										
ETP ST101-200-20-F	3/4	60 - 200	45 - 145	396	5.2	10.9	303	32.5	3	8433 2302 02
ETP ST101-500-20-F	3/4	150 - 500	110 - 365	186	5.9	12.4	334	33.5	4	8433 2305 02
ETP ST101-750-25-F	1	220 - 750	160 - 550	132	6.2	13	353	33.5	5	8433 2307 52
ETP ST101-1000-25-F	1	300 - 1000	220 - 735	99	6.4	13.4	364	33.5	5	8433 2310 02

Reaction bar not included for ETP ST101. See accessory pages.

In-Line crowfoot tools

Dimensions

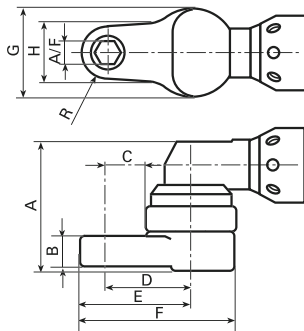


ETC ST

Model	Torque		Speed	Weight		Length	A/F	A	B	C	D	E	F	G	H	R	Ordering No.
	Nm	ft lb		kg	lb												
ETC ST61																	
ETC ST61-18-10-LI3	4 - 18	3 - 13	1429	1.9	4.2	523	10	36	15	12.5	36.7	59.2	82.2	35	22	10	8433 2311 11
ETC ST61-28-12-LI3	6 - 28	4 - 20	767	1.9	4.3	524	12	34	15	12.5	45.5	71	94	35	30	13	8433 2311 14
ETC ST61-20-12-LI3	4 - 20	9 - 14	1189	1.8	4.0	524	12	34	10	15	51.9	54.3	102	35	31	14.5	8433 2311 17
ETC ST61-90-21-LI3	18 - 90	13 - 66	316	4.2	9.1	684	21	47	20	16	74.5	44	158.8	64	40	20	8433 2311 44
ETC ST61-100-19-LI3	20 - 100	14 - 74	250	4.3	9.4	678	19	46	28	13.5	70	75	151.6	64	36	18	8433 2311 35
ETC ST61-100-20-LI3	20 - 100	14 - 74	256	4.3	9.4	694	24	46	20	15.5	82.5	50	169	64	45	22.5	8433 2311 50
ETC ST61-120-18-LI3	24 - 120	17 - 88	217	4.4	9.6	684	18	46	32	11.5	74.8	146.3	157.8	64	38	19	8433 2311 38
ETC ST61-150-22-LI3	30 - 150	22 - 111	197	4.4	9.7	688	22	48	33	14	77.5	84	161.5	64	40	20	8433 2311 47

Offset crowfoot tools

Dimensions

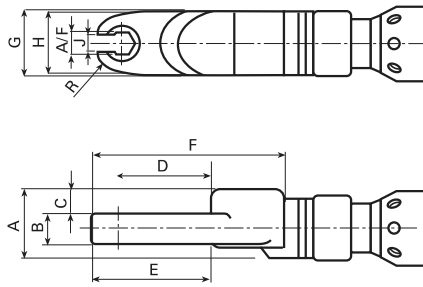


ETC ST

Model	Torque		Speed r/min	Weight		Length mm	A/F mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	R mm	Ordering No.
	Nm	ft lb		kg	lb												
ETC ST61																	
ETC ST61-18-10-LO3	4 - 18	9 - 13	1450	1.5	3.4	469	10	60.3	15	14.55	32.8	42.8	57.8	36.5	22	10	8433 2310 09
ETC ST61-28-12-LO5	6 - 28	4 - 20	1090	2.1	4.6	533	12	69.5	15	62	84	97	117.5	44	30	13	8433 2310 12
ETC ST61-20-13-LO5	4 - 20	3 - 14	1090	1.8	4.0	534	13	57	10	71.6	93.6	108.1	128.6	44	31	14.5	8433 2310 15
ETC ST61-40-14-LO3	8 - 40	6 - 29	655	2.0	4.4	497	14	69.5	18	24.8	46.8	61.3	81.8	44	31	14.5	8433 2310 18
ETC ST61-40-3/8-LO3	8 - 40	6 - 29	655	2.2	4.8	487	3/8" SD	90.3	36	18.2	40.2	50.5	71	44	29	10.3	8433 2310 24
ETC ST61-60-16-LO3	12 - 60	9 - 44	475	2.6	5.7	512	16	77.8	24	27	51	66	88.5	48	30	15	8433 2310 27
ETC ST61-80-17-LO3	16 - 80	12 - 59	310	3.2	7.0	534	17	81	27	31.8	55.8	72.3	94.8	48	33	16.5	8433 2310 30
ETC ST61-90-21-LO5	18 - 90	13 - 66	227	4.3	9.4	665	21	89.4	20	24	132	152	178	62.5	40	20	8433 2310 45
ETC ST61-100-19-LO5	20 - 100	15 - 74	227	4.5	9.9	653	19	96.9	28	91.2	122.4	140.4	166.4	62.5	36	18	8433 2310 36
ETC ST61-140-18-LO3	28 - 140	21 - 103	190	4.1	9.0	596	18	96.6	32	32	63.2	82.2	108.2	62.5	38	19	8433 2310 39
ETC ST61-150-21-LO3	30 - 150	22 - 111	185	4.1	9.0	597	21	99.7	33	34.8	66	86	112	62.5	40	20	8433 2310 48
ETC ST101																	
ETC ST101-200-21-LO3	40 - 200	30 - 148	381	3.3	7.2	731	21	148.8	40	46.2	70.4	91.4	125.4	77	42	21	8433 2310 51
ETC ST101-200-22-LO3	40 - 200	30 - 148	381	3.3	7.2	738	22	139.8	37	26.1	76.2	98.7	132.7	77	45	22.5	8433 2310 57

In-Line tube nut tools

Dimensions

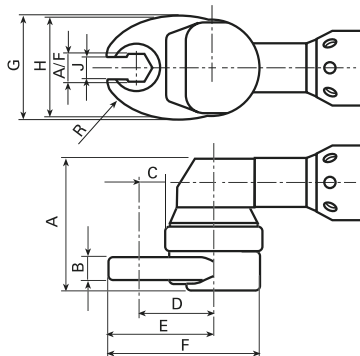


ETO ST

Model	Torque		Speed r/min	Weight		Length mm	A/F mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	R mm	Ordering No.
	Nm	ft lb		kg	lb													
ETO ST61																		
ETO ST61-8-8-LI3	1 - 8	1 - 5	2250	1.8	4.0	499	8	32	11	12.25	22.7	21.6	60	33.5	-	6	7.8	8433 2311 53
ETO ST61-12-8-LI3	3 - 12	2 - 8	1705	1.8	4.0	499	8	32	11	12.3	27.3	21.6	60	33.5	-	6	9.8	8433 2311 56
ETO ST61-15-8-LI3	3 - 14	2 - 10	1705	1.8	4.0	505	8	32	10	13	27.3	25.4	66.6	33.5	-	6	11.5	8433 2311 59
ETO ST61-15-10-LI3	3 - 15	2 - 11	1630	1.8	4.0	506	10	32	12	11	27.9	26.3	67.8	33.5	-	8	11.5	8433 2311 62
ETO ST61-18-10-LI3	3 - 18	2 - 13	1278	1.9	4.2	522	10	36	11	14.5	34.1	31.1	81.5	38	-	8	15	8433 2311 68
ETO ST61-20-10-LI3	4 - 20	3 - 14	1278	1.9	4.2	519	10	34	14	13	31.9	29.7	78.6	38	-	-	20	8433 2311 64
ETO ST61-28-12-LI3	6 - 28	4 - 20	767	2.4	5.2	558	12	43	11	17.5	34.3	29.6	96.5	50	-	10.4	31	8433 2311 77
ETO ST61-30-12-LI3	6 - 30	4 - 22	772	2.3	5.1	544	12	43	18	14	34.3	44	83	40	-	10.4	25	8433 2311 74
ETO ST61-35-16-LI3	7 - 35	5 - 25	761	2.5	5.6	578	16	46	11	20.5	52.0	47.8	113.7	55	-	12.5	32	8433 2311 83
ETO ST61-50-19-LI3	12 - 60	9 - 44	371	3.6	8.0	638	19	46	18	17	49.3	44.6	111	59	-	14	32	8433 2311 86
ETO ST61-80-19-LI3	16 - 80	12 - 59	267	4.1	9.1	663	19	46	18	16	53.8	51.3	137.2	64	59	17	32	8433 2311 92
ETO ST61-100-21-LI3	20 - 100	15 - 74	267	4.5	9.9	674	21	46	20	16	64.4	54.7	148.9	76	-	18	32	8433 2311 95
ETO ST81																		
ETO ST81-160-24-LI3	32 - 160	24 - 118	240	4.6	10.2	691	24	46	20	16	96.4	62.4	160.4	77	-	20.5	33	8433 2311 98

Offset tube nut tools

Dimensions



ETO ST

Model	Torque		Speed r/min	Weight		Length mm	A/F mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	R mm	Ordering No.
	Nm	ft lb		kg	lb													
ETO ST31																		
ETO ST31-12-10-LO3	2 - 12	2 - 8	545	3.3	7.3	437	10	63.3	12	6.8	25.1	35.6	50.6	36.5	31	7	11.5	8433 2310 63
ETO ST31-12-10-LO5	2 - 12	2 - 8	545	3.3	7.2	473	10	61.8	10	42.7	60.9	71.4	86.4	36.5	31	7	11.5	8433 2310 66
ETO ST61																		
ETO ST61-18-12-LO3	4 - 18	3 - 13	1450	1.7	3.7	470	12	64	11	8.2	31.4	47.4	64.3	44	-	8.5	16	8433 2310 78
ETO ST61-18-12-LO5	4 - 18	3 - 13	1450	1.8	4.0	511	12	62	11	22.6	72	84.9	105.4	38	-	8	15	8433 2310 75
ETO ST61-20-12-LO3	4 - 20	3 - 14	1450	1.7	3.7	466	12	64	14	7	29	40.2	60.7	44	-	8	14	8433 2310 72
ETO ST61-28-13-LO3	6 - 28	4 - 20	1090	2.0	4.3	488	13	65	11	12.8	36.8	51.8	74.3	50	-	10.4	31	8433 2310 84
ETO ST61-33-13-LO5	7 - 33	5 - 24	1090	2.2	4.8	524	13	72.5	18	52.4	74.4	87.7	108.2	44	-	10.4	25	8433 2310 81
ETO ST61-50-17-LO5	10 - 50	7 - 37	475	2.9	6.4	552	17	80	18	66.8	90.8	106.5	129	50	-	12	31	8433 2310 87
ETO ST61-55-21-LO3	11 - 55	8 - 40	445	2.8	6.1	515	21	73.8	12	11.1	42.4	69.3	96.8	62.5	-	16	31	8433 2310 93
ETO ST61-100-21-LO3	20 - 100	15 - 74	227	4.5	9.8	588	21	97.8	20	17.9	54.6	75.8	109.8	76	-	18	32	8433 2310 99
ETO ST61-100-27-LO3	20 - 100	15 - 74	227	4.5	9.9	597	27	95.8	20	23	60	84.6	118.6	77	-	20.5	33	8433 2311 02