TENSOR SR

ETP SR31

The ETP SR is a pistol type electric nutrunner that delivers accurate, fast and error proof tightening with low reaction force. With TurboTight™ the ETP SR31 can handle one hand operations up to 25 Nm. Delivers fully traceable results, has a low energy consumption and is simple to set up.

- Perfectly balanced and ergonomically designed handle.
- High free run speed (up to 2000 rpm's) and short tightening cycle (Up to 10 tightenings/min).
- Direct and robust gear box.
- The LED ring provides instant input to the operator and the incorporated speaker improve the operator feedback.
- Integrated function button, customized for your needs.

ETP SR

ETV SR

- SR angle tools are extremely fast, compact and easy to operate.
- ESD certified.
- Easy to configure the function button.
- Front LED´s gives better operator feedback.
- Torque range from 2.5 to 30 Nm.

ETV SR

ETD SR

- SR straight tools are ideal for handheld applications and fixture applications.
- Torque range from 1.5 to 16 Nm.
- Front light guide is integrated.
- Push-to-start mechanism.
- ESD certified.

ETD SR

Model	Torque range		Speed	Weight		Length	CS distance	Ordering No.
	Nm	ft lb	r/min	kg	lb	mm	mm	
Angle models								
ETV SR21-12-10	2.5-12	1.9-8.9	1350	1.1	2.4	297	14	8436 4120 12
ETV SR21-25-10	5-25	3.7-18.5	1000	1.2	2.6	297	14	8436 4120 25
ETV SR21-30-10	6-30	4.4-22.1	663	1.2	2.6	299	15.5	8436 4120 30
ETV SR21-50-10-SP	10-50	7.4-36.8	393	1.3	2.9	332	17.7	8436 4120 50
Straight models								
ETD SR21-07-I06-PS	1.5-7	1.0-5.2	2090	0.9	1.9	259	24	8436 4220 07
ETD SR21-16-I06-PS	3.5-16	2.6-11.8	1460	1.0	2.2	276	24	8436 4220 16
ETD SR21-07-I06-T25	1.5-7	1.0-5.2	2090	0.9	1.9	353	24	8436 4224 07
ETD SR21-16-10-T25	3.5-16	2.6-11.8	1460	1.0	2.2	353	24	8436 4224 17
Pistol grip models *a								
ETP SR31-25-I06	5-25	3.7-18.4	2010	0.85	1.8	210	19.5	8436 4300 21
ETP SR31-25-10	5-25	3.7-18.4	2010	0.85	1.8	210	19.5	8436 4300 20

*a Pistol grip models works only with Power Focus 6000 and Power Focus 8.

Optional Accessories

TENSOR ST/SR/STR

Model	Power Focus 4000 Ordering No.	Power Focus 6000 Ordering No.
Tool cable		
2 m	4220 2636 02	4220 4375 02
3 m	4220 2636 03	4220 4375 03
5 m	4220 2636 05	4220 4375 05
7 m	4220 2636 07	4220 4375 07
10 m	4220 2636 10	4220 4375 10
15 m	4220 2636 15	4220 4375 15
Cables with 90 degrees connector		
2 m	4220 3891 02	
3 m	4220 3891 03	
5 m	4220 3891 05	
7 m	4220 3891 07	
10 m	4220 3891 10	
15 m	4220 3891 15	
Spiral cable (length/stretched length)		
3 m / 4 m	4220 2757 03	
7 m / 8 m	4220 2757 07	
10 m / 12 m	4220 2757 10	
Cable protection 2 m	4220 2977 90	
Extension cable (round, heavy duty)		
3 m		4220 4393 03
5 m	4220 1007 05	4220 4393 05
10 m	4220 1007 10	4220 4393 10
15 m	4220 1007 15	4220 4393 15
Extension cables for fixtured applications (flat)		
5 m	4220 1563 05	
10 m	4220 1563 10	
15 m	4220 1563 15	

ST/SR/STR Cable

ST/SR/STR Cable with 90 degrees connector

ST/SR/STR Spiral cable

ST/SR/STR Cable protection

DS Tool cable

TENSOR ES

Model	Ordering No.
Round cables for ES21	
2 m	4220 4204 02
3 m	4220 4204 03
5 m	4220 4204 05
7 m	4220 4204 07
10 m	4220 4204 10
15 m	4220 4204 15
Flat cables for ES61	
3 m	4220 4339 03
5 m	4220 4339 05
7 m	4220 4339 07
10 m	4220 4339 10
15 m	4220 4339 15
Extension cables for all cables	
3 m	4220 4393 03
5 m	4220 4393 05
10 m	4220 4393 10
15 m	4220 4393 15
Suspension yoke cable for ES21	
Suspension yoke cable	4210 1810 00

TENSOR DS

Model	Ordering No.
Tool cable	
2 m	4220 4380 02
3 m	4220 4380 03
5 m	4220 4380 05
7 m	4220 4380 07
10 m	4220 4380 10
15 m	4220 4380 15
Extension cable	
5 m	4220 2047 05
10 m	4220 2047 10
15 m	4220 2047 15

Optional Accessories

TOOL EXTENSIONS

Model	Length	Ordering No.
ES61 ETV 70/100/150/180/200, ES61 ETD 50/70/90/120	150	4220 1132 80
ES61 ETV 25/30/40/50, ES61 ETD 18/25/30	150	4220 1131 80
DS7 ETD 20-30, DS7 ETV 30-50, DS4 ETD/ETV	150	4220 1131 80
DS4 ETD/ETV	100	4220 1131 86
DS7 ETD/ETV 50-200	150	4220 1714 80
DS9 ETD/ETV 270-370	150	4220 1585 80
DS9 ETD 450-600	150	4220 1585 85
ST61 ETV 20-30	150	4220 2903 96
ST61 ETV 40-50	150	4220 2903 95
ST61 ETV 70	150	4220 2903 97
ST61/ST81/ST101 ETV 100-200	150	4220 2903 91
ST101 270-1000	150	4220 1585 80
ST101 600	150	4220 1585 85
STR61 ETV 25	150	4220 2903 80
STR61 ETV 30	150	4220 2903 96
STR61 ETV 40-50	150	4220 2903 95
STR61 ETV 70	150	4220 2903 97
STR61 ETV 100-200	150	4220 2903 91

Tool extension

SUPPORTED EXTENSIONS (~154 MM)

Tensor ST/SR	Tensor STR	Tensor DS	Tensor ES	Ordering No.
	STR61 ETV 30		ES61 ETV 25/30	4220 3869 90
SR21, ST31 ETV 20, ST61 28-30	STR31 ETV 20, STR61 ETV 25	DS2/DS7 ETV 20-30		4220 3868 90
ST61/ST81 ETV 40-50	STR61 ETV 40-50	DS7/DS9 ETV 40-50	ES61 ETV 40/50	4220 2209 91
ST61/ST81 ETV 70	STR61 ETV 70	DS7/DS9 ETV 70	ES61 ETV 70	4220 2596 91
ST61/81/101 ETV 150-180	STR61 ETV 150-180			4220 4125 90
ST61 ETV 200	STR61 ETV 200			4220 4125 92
ST81/101 ETV 200			ES61 ETV 100	4220 4125 91

COVERS FOR STANDARD SOCKETS

Tensor DS	Tensor ES	Tensor ST	Tensor SR	Tensor STR	Ordering No
		ST31 ETV 20	SR21	STR31 ETV 20	4220 3154 03
	ES61 ETD 18/ 25/ 30				4220 3251 02
	ES61 ETD 50/70/90/120				4220 3251 03
	ES61 ETV 25	ST61 ETV 28		STR61 ETV 25	4220 3154 03
	ES61 ETV 30	ST61 ETV 30		STR61 ETV 30	4220 3154 04
	ES61 ETV 100	ST ETV 100		STR61 ETV 100	4220 3154 05
	ES61 ETV 150/180	ST ETV 150-180		STR61 ETV 150-180	4220 3154 06
	ES61 ETV 40/50	ST ETV 40-50		STR61 ETV 40-50	4220 1995 05
	ES61 ETV 70	ST ETV 70		STR61 ETV 70	4220 1993 03
DS7 200	ES61 ETV 200	ST ETV 61/81/101 200		STR61 ETV 200	4220 3154 07
DS9 ETV 101 270-370		ST101 ETV 270-370			4220 3154 08
DS7 ETD 50-120		ST61/81 ETD 50-120			4220 3251 00
DS7 ETD 20/30/120		ST61 ETD 15/20/30			4220 3251 02

Optional Accessories

REACTION PLATE FOR FIXTURING

Model	Ordering No.
ES61 ETV-40/50	4220 1677 92
ES61 ETV-70/100	4220 1678 94
ES61 ETV-150/180	4220 1677 98
ES61 ETV-200	Included
ST10 ETV 180	4220 1677 99
ST10 ETV 200-600	Included
ST61 ETV 30, ST61/81 ETV 200	4220 1677 91
ST61 ETV 40-50	4220 1677 93
ST61/81 ETV 70	4220 1677 95
ST61/81 ETV 100	4220 1677 97
ST61/81 ETV 150-180	4220 1678 90
ST32 ETP 20 106BCR	4220 3491 00
STR31 ETV 5-20	4220 1678 91
STR61 ETV 30	4220 1677 91
STR61 ETV 40-50	4220 1677 93
STR61 ETV 70	4220 1677 95
STR61 ETV 100	4220 1677 97
STR61 ETV 150-180	4220 1678 90

Reaction plate

LEVER TENSOR DS / ST / SR

Model	Ordering No.
Lever, DS	4220 1642 80
Lever, ST	4220 3511 81
Spoon lever, SR21	4220 4338 83
Extended lever, DS	4220 1642 85
Extended lever, ST	4220 3511 85
Lock-off lever, DS	4220 2356 80
Lock-off lever, STR	4220 5221 85
Lock-off lever, ST	4220 3511 83

Lock-off lever

REACTION BARS AND MOUNTING BRACKETS

Number	Spline type	Type	L / W / H	Ordering No.
1	–	Bracket	100/60/8	4220 1029 00
2	Spline type 2	Bracket	70/41/14	4210 2134 02
3		Triangular	73/72/14	4220 2137 02
4		Bar	270/35/14	4220 1903 00
5	Spline type 3	Bracket	100/50/12	4210 2219 03
6		Triangular	82/80/12	4220 2137 03
7		Bar	400/29/12	4210 2219 80
8	Spline type 6	Bracket	200/100/15	4220 1200 00
9		Triangular	112/109/15	4220 2137 06
10		Bar	560/80/15	4220 1200 01
11	Spline type 7	Bracket	250/150/20	4220 1445 00
12	Spline type 8	Bracket	250/160/20	4220 1972 00
13	–	Bracket	100/60/8	4220 1029 01
14	–	Bracket	100/60/8	4220 1029 02
For model				
ST10 ETD 120		Bracket	150/100/16	4220 3677 00
ST10 ETD 200/300/500		Bracket	200/150/16	4220 3677 01
ST10 ETD 750/1000		Bracket	200/150/20	4220 3677 02
STR61 ETP 20/30		Bar	250/15/8	4220 4495 00
STR61 ETP 50/70/90/120, ES61 ETD 18/25/30		Bar	270/35/14	4220 1903 00
ES61 ETD 50/70/90/120		Bar		4210 2219 80

Mounting bracket is included for some tool models.
Please match the number from the table with the tool tables.

Reaction bar

Mounting bracket

Triangular

Optional Accessories

SUSPENSION YOKES

Model	Type	Assembly	Ordering No.
ES21 ETV/ETD	Horizontal	Motor	4220 0987 82
ES61 ETV/ETD	Horizontal	Motor	4220 4586 90
DS4/DS7/DS9 ETD/ETV	Vertical	Handle	4220 1417 80
DS4/DS7 ETD/ETV	Horizontal	Motor	4220 0987 85
DS4/DS7 ETP	Horizontal	Motor	4220 1154 90
DS4 ETD/ETV	Fixed	Motor front nut	4220 1675 86
DS9 ETD/ETV	Horizontal	Motor	4220 1418 96
DS9 ETP 350/500	Swivelling		4210 3088 86
DS9 ETP 750	Swivelling		4210 3088 83
DS9 ETP 1500	Swivelling		4210 3088 81
ST10 ETD 120-300, ST10 ETV 270-600	Vertical	Planetary gear	4220 1418 91
ST10 ETD 500-1000	Vertical	Planetary gear	4220 1418 90
ST10 ETV 100-200	Vertical	Planetary gear	4220 1418 92
ST31/61 ETV/ETD	Horizontal	Motor	4220 2657 90
ST31/61 ETV/ETD	Fixed	Motor	4220 2843 92
ST31/61 ETV/ETD	Vertical	Handle	4220 1417 95
ST81 ETV/ETD	Horizontal	Motor	4220 0987 90
ST81 ETV/ETD	Fixed	Motor	4220 2843 91
ST101[a] ETV	Horizontal	Motor	4220 3930 90
ST101 ETP 200-1000	Adjustable	Motor	4220 4075 90
ST101 ETP BCR 200-1000[b]	Adjustable	Motor	4220 4075 91
ST101 ETP 750-2000	Swivelling	Gear	4210 3088 87
ST101 ETP 3000-4000	Swivelling	Gear	4210 3088 81
STR ETV/ETD 31/61	Swivelling		4220 5070 80
STR ETV/ETD 31/61	Fixed		4220 5105 80
STR61 ETP	Tool upside down		4220 3037 00
STR61 ETP	Fixed, one side		4220 4334 00
STR61 ETP	Fixed, both sides		4220 4399 80
STR61 ETP 20/30/50	Swivelling		4220 4381 80
STR61 ETP 70/90/120	Swivelling		4220 4394 80
SR21	For rear		4220 4410 80
SR21	For front		4220 4409 80

[a] Not telescopic. [b] To be used if barcode scanner is mounted.

Suspension yokes

DUAL TRIGGER FOR OPEN END

Model	ETV	ETD	Ordering No.
ST61-S	ST31, ST61 05-50	ST31, ST61 15-30	4220 3186 90
ST61-L	ST61 70-200	ST61 50-120	4220 3186 91
ST81-S	ST81 50	ST81 30	4220 3186 92
ST81-L	ST81 70-180	ST81 50-120	4220 3186 93
ST101	ST10 100-1000	ST10 100-1000	4220 3186 96
STR - L	STR61 70-200	STR61 70	8436 6199 12
STR - S	STR31 05-20, STR61 25-50	STR31 05-10, STR61 15-50	8436 6199 10

Lever trigger top

DUAL TRIGGER FOR OPEN END 135 DEG.

Model	ETV	ETD	Ordering No.
ST61-S	ST31, ST61 28-50	ST31, ST61 15-30	4220 3311 90
ST61-L	ST61 70-200	ST61 50-120	4220 3311 91
ST81-S	ST81 50	ST81 30	4220 3311 92
ST81-L	ST81 70-200	ST81 50-120	4220 3311 93
ST101	ST10 100-1000	ST10 100-1000	4220 3311 94
STR - L			8436 6199 22
STR -S			8436 6199 20

Lever trigger 135 deg.

Optional Accessories

FIXTURED EXTENSIONS

Model	For ext + nut Ordering No.	For nut only Ordering No.
ES61 ETV 25/30/40/50, ES61 ETD 18/25/30		4220 2579 90
ES61 ETV 70/100/150/180/200, ES61 ETD 50/70/90/120		4220 2469 90
ST10 ETV 100/150/180, ST10 ETD 120	4220 3571 90	Included
ST10 ETD 150, 200, 300	4220 3572 90	
ST10 ETD 500	4220 3573 90	Included

Fixtured extension

PROTECTIVE COVERS

Model	Ordering No.
ST31 ETV 5-15	4220 2744 05
ST31/ST61 ETV 20-30, ST31 ETV 200	4220 2744 03
ST61 ETV 40-50, ST81 ETV 50	4220 2744 02
ST61 ETV 70, ST81 ETV 70	4220 2744 04
ST31 ETP 05	4220 2744 06
ST31 ETP 10	4220 2744 07
ST81/ST10 ETV 150-180	4220 2744 10
ST81/ST10 ETV 100	4220 2744 09
ST101 ETP (included)	4220 4299 00
STR31 ETV 05-15	4220 5203 01
STR31 ETV 20, STR61 ETV 20-30	4220 5203 02
STR61 ETV 40-50	4220 5203 03
STR61 ETV 70	4220 5203 04
STR61 ETV 100	4220 5203 05
STR61 ETV 150-180	4220 5203 06

Protective cover Tensor ST

OPERATOR HANDLE

Model	Ordering No.
STR61 ETP	4220 4487 80
ST101 ETP	4220 4522 82

Operator handle

SUPPORT HANDLE

Model	Ordering No.
ES21 ETV/ETD	4220 2725 83
DS9 ETP 350/500/750/1500	4220 4374 90
SR21 ETD	4220 4347 80
ST31/32 ETP 5-10	4220 3517 80
ST101 ETP 200/500 (included)	4220 4001 84
ST101 ETP 750/1000 (included)	4220 4001 83
STR61 ETP	4220 4343 80

Support handle

TORQUE MULTIPLIER (REACTION BAR INCLUDED)

Model	Max. torque Nm	Gear ratio	Square in	Square out	Ordering No.
T-Mult 120	30	4.54	3/8	1/2	8431 0453 53
T-Mult 200	50	4.62	3/8	3/4	8433 0310 07
T-Mult 400	100	4.10	1/2	3/4	8431 0493 65
T-Mult 500	30	16.11	3/8	3/4	8433 0310 28
T-Mult 800	45	18.50	1/2	1	8433 0311 81
T-Mult 1000	250	4.00	3/4	1	8433 0312 16
T-Mult 1500	72	21.10	1/2	1	8433 0312 20

Tool holder

TOOL HOLDER

Model	Ordering No.
ST32 ETP	4220 3584 80