

# Tensor DS

# Angle Models

## ETV DS

Tensor DS non-transducerized angle tool is equipped with spiral gears in the angle heads with improved contact ratio: This allows for smoother tightening and improved accuracy throughout the service life of the tool. The molded ergonomic motor sleeve improves grip and comfort for the operator.

- Angle tools are ideal for hand-held operations.
- Torque range from 40 to 4000 Nm.



Model	Square drive in	Torque range		Speed r/min	Weight		Length mm	CS distance mm	Ordering No.
		Nm	ft lb		kg	lb			
<b>ETV DS72</b>									
ETV DS72-160-13	1/2	40-160	30-118	152	2.8	6.2	525	25.5	8433 1723 98
ETV DS72-180-13	1/2	45-180	34-133	123	2.8	6.2	525	25.5	8433 1724 15
ETV DS72-200-20	3/4	53-210	39-155	123	3.0	6.6	525	27	8433 1724 40
<b>ETV DS92</b>									
ETV DS92-180-13	1/2	45-180	34-113	395	3.8	8.4	578	25.5	8433 1750 68
ETV DS92-270-20	3/4	70-270	52-199	240	7.0	15.4	661	33.5	8433 1751 38
ETV DS92-370-20	3/4	95-370	70-273	152	7.1	15.7	661	33.5	8433 1751 86
ETV DS92-450-20	3/4	115-450	85-333	131	11.6	25.6	702	54	8433 1752 04
ETV DS92-600-25	1	150-600	111-444	112	11.6	25.6	702	54	8433 1752 63
ETV DS92-600-20TM	3/4	150-600	111-444	97	9.7	21.4	603	26.3	8433 1752 40
ETV DS92-1000-25TM	1 1/2	250-1000	185-740	60	12.0	26.5	666	32	8433 1752 90
ETV DS92-2000-38TM	1 1/2	500-2000	370-1480	30	17.0	37.5	706	63.5	8433 1752 96
ETV DS92-4000-38TM	1 1/2	1000-4000	740-2960	14	21.0	46.3	615	71	8433 1753 25

# Straight Models

# Tensor DS

## ETD DS

- ETD DS inline non-transducerized tools. The low torque series is ideal for hand-held bench assembly. The high torque tools are well suited for fixtured applications.
- Torque range from 21 to 3000 Nm.
- Telescopic spindles for fixtured applications.



ETD DS

Model	Square drive in	Torque range		Speed r/min	Weight		Length mm	CS distance mm	Spline/ Mounting	Ordering No.
		Nm	ft lb		kg	lb				
<b>ETD DS7</b>										
ETD DS7-70-13S	1/2	21-70	15-51	370	2.2	4.9	477	28	2 / 2	8433 0731 31
ETD DS7-90-13S	1/2	28-95	21-69	275	2.2	4.9	477	28	2 / 2	8433 0731 45
ETD DS7-120-13S	1/2	38-125	28-91	225	2.2	4.9	477	28	2 / 2	8433 0731 84
<b>ETD DS7 Telescopic</b>										
ETD DS7-70-13ST	1/2	21-70	15-51	370	2.4	5.4	504	29.5	3 / 5	8433 0731 40
ETD DS72-70-13ST75	1/2	21-70	15-51	370	2.5	5.5	645	29.5	3 / 5	8433 1731 39
ETD DS7-90-13ST	1/2	28-95	21-69	275	2.9	6.5	504	29.5	3 / 5	8433 0731 52
ETD DS7-120-13ST	1/2	38-125	28-91	225	3.0	6.6	504	29.5	3 / 5	8433 0731 96
ETD DS7-120-13ST50	1/2	38-125	28-91	225	3.1	6.8	562	29.5	3 / 5	8433 0731 99
ETD DS7-200-13ST	1/2	50-200	37-146	225	3.2	7.1	616	29.5	3 / 5	8433 0732 10
<b>ETD DS9</b>										
ETD DS9-100-13S	1/2	40-100	29-73	715	3.0	6.7	529	32	2 / 2	8433 0756 42
ETD DS9-150-13S	1/2	60-150	44-110	455	3.2	7.1	544	32	2 / 2	8433 0757 54
ETD DS9-200-13S	1/2	80-200	58-146	340	3.2	7.1	544	32	2 / 2	8433 0758 71
ETD DS9-270-20S	3/4	68-270	50-199	220	6.2	14	603	36	6 / 8	8433 0760 53
ETD DS9-450-20S	3/4	115-450	85-328	125	7.4	16	639	40.5	6 / 8	8433 0760 71
ETD DS9-1000-25S	1	250-1000	184-730	68	12.3	27	769	47	7 / 11	8433 0763 60
ETD DS9-1200-25S	1	300-1200	220-880	55	12.3	27	769	47	7 / 11	8433 0763 80
<b>ETD DS9 Telescopic</b>										
ETD DS9-100-13ST	1/2	40-100	29-73	715	3.2	7.1	557	32	3 / 5	8433 0756 92
ETD DS9-150-13ST	1/2	60-150	44-110	455	3.4	7.6	572	32	3 / 5	8433 0758 03
ETD DS9-200-13ST	1/2	80-200	58-146	340	3.4	7.6	572	32	3 / 5	8433 0759 11
ETD DS9-270-20ST	3/4	108-270	79-197	225	6.0	13	653	36	6 / 8	8433 0760 55
ETD DS9-450-20ST	3/4	115-450	85-328	125	7.6	17	689	40.5	6 / 8	8433 0760 88
ETD DS9-600-20ST	3/4	150-600	110-438	110	7.6	17	689	40.5	6 / 8	8433 0761 35
ETD DS9-1000-25ST	1	250-1000	184-730	68	12.5	28	824	47	7 / 11	8433 0763 63
ETD DS9-1200-25ST	1	300-1200	220-880	55	12.5	28	824	47	7 / 11	8433 0763 83
ETD DS9-1500-38ST	1 1/2	375-1500	280-1100	42	17	37.5	824	68	8 / 12	8433 0763 93
ETD DS9-2000-38ST	1 1/2	600-2000	440-1475	34	21	47	824	68	8 / 12	8433 0764 20
ETD DS92-3000-38ST	1 1/2	750-3000	550-2200	21	21.9	48.3	904	68	8 / 12	8433 1764 25