

TORQUE TOOL EXPERTS



BOLTING PROBLEM SOLVERS SINCE 2004

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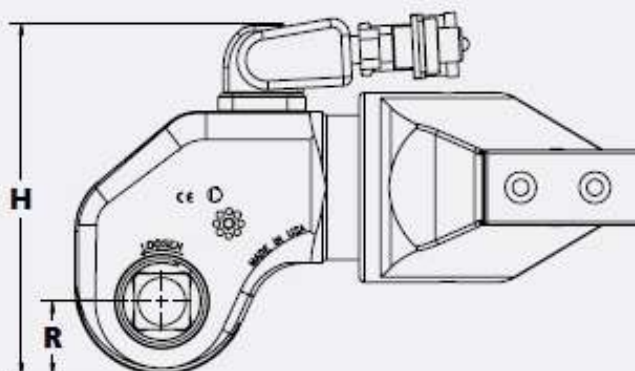
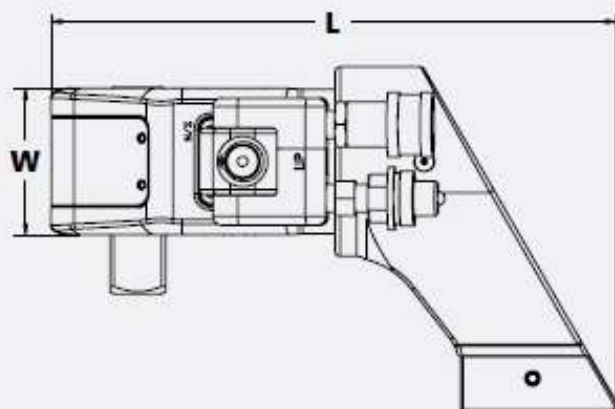
T SERIES

TORQUE WRENCHES

GENERATION 2



MANUFACTURED AND ASSEMBLED IN THE USA



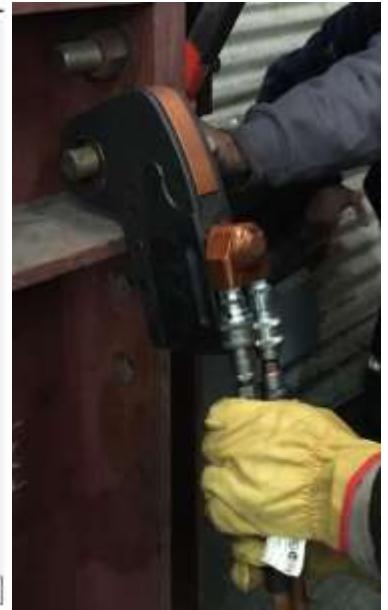
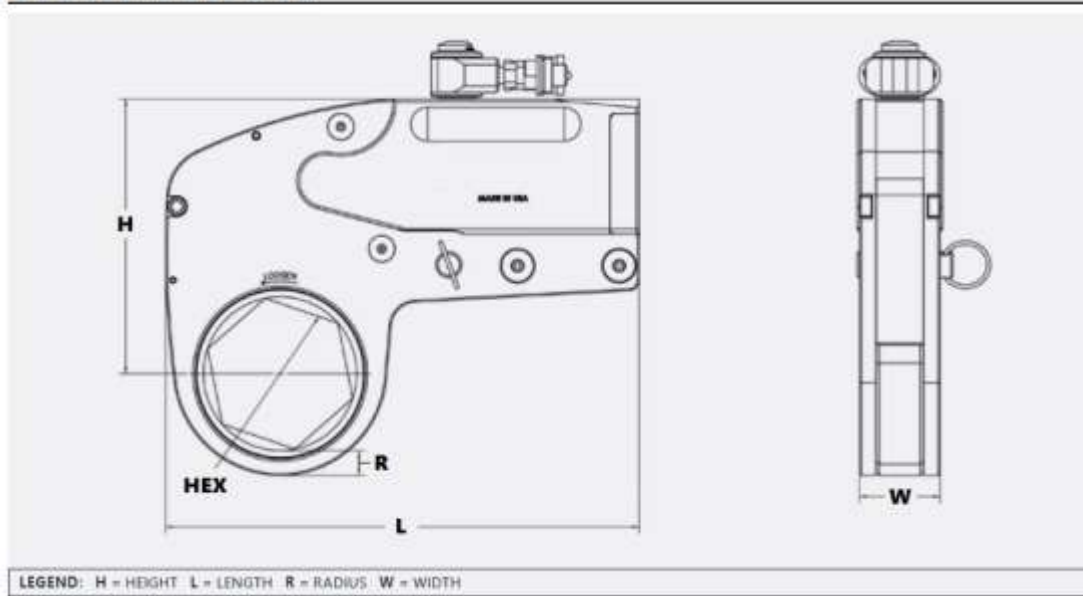
LEGEND: H = HEIGHT L = LENGTH R = RADIUS W = WIDTH

Model	Units	H	W	L	R	Drive	Weight	Torque	
								MIN.	MAX.
1	in.	5.01	1.97	7.74	0.99	.75	3.30 lbs.	168 ft.-lbs.	1,235 ft.-lbs.
	mm	127.2	50	197	25	19	1.50 kg	228 Nm	1674 Nm
3	in.	6.39	2.63	10.15	1.31	1	4.05 lbs.	446 ft.-lbs.	3,100 ft.-lbs.
	mm	162.3	67	258	33	25	1.84 kg	605 Nm	4203 Nm
5	in.	7.62	3.16	11.88	1.57	1.5	8.50 lbs.	880 ft.-lbs.	6,130 ft.-lbs.
	mm	194	80	302	40	38	3.86 kg	1193 Nm	8311 Nm
7	in.	8.51	3.57	13.49	1.85	1.5	19.20 lbs.	1,187 ft.-lbs.	8,437 ft.-lbs.
	mm	216	91	343	47	38	8.71 kg	1609 Nm	11439 Nm
11	in.	9.1	3.95	15.01	1.97	1.5	20.05 lbs.	1,580 ft.-lbs.	10,942 ft.-lbs.
	mm	231	100	381	50	38	9.10 kg	2142 Nm	14835 Nm
21	in.	10.46	4.73	18.21	2.29	2.5	63.00 lbs.	2,716 ft.-lbs.	19,116 ft.-lbs.
	mm	266	120	466	58	63	11.34 kg	3682 Nm	25918 Nm
30	in.	10.10	5.64	20.44	2.79	2.5	64.70 lbs.	4,448 ft.-lbs.	29,650 ft.-lbs.
	mm	257	143	519	58	63	29.35 kg	6031 Nm	40200 Nm

LP SERIES TORQUE WRENCHES



SPECIFICATIONS



Model	Units	H	W	L	R	Hex Range	Weight	Torque	
								MIN.	MAX.
NIB3-LP2	in.	3.73	1.25	6.98	0.38	1 – 2.375	3.40 lbs.	259 ft.-lbs.	1,807 ft.-lbs.
	mm	95	32	177	10	24 – 60	1.54 kg	351 Nm	2450 Nm
NIB3-LP4	in.	5.51	1.67	9.55	0.48	1.4375 – 3.125	7.30 lbs.	655 ft.-lbs.	4,538 ft.-lbs.
	mm	140	42	243	13	36 – 80	3.31 kg	887 Nm	6150 Nm
NIB3-LP8	in.	6.53	2.10	11.67	0.64	2 – 3.875	11.60 lbs.	1,350 ft.-lbs.	9,000 ft.-lbs.
	mm	166	53	297	17	50 – 100	5.30 kg	1830 Nm	12200 Nm
NIB3-LP14	in.	8.04	2.50	13.88	0.73	2.75 – 4.625	19.20 lbs.	2,062 ft.-lbs.	14,576 ft.-lbs.
	mm	204	64	353	19	70 – 120	8.70 kg	2795 Nm	19760 Nm
NIB3-LP20	in.	8.87	3	10.93	0.92	2.75 – 6	24.50 lbs.	3,088 ft.-lbs.	21,458 ft.-lbs.
	mm	225	73	278	23	79 – 136	11.11 kg	4187 Nm	29093 Nm
NIB3-LP30	in.	10.95	3.75	13.89	1.00	3.125 – 7.625	39.30 lbs.	5,394 ft.-lbs.	36200 ft.-lbs.
	mm	278	76	353	25	85 – 165	17.82 kg	7313 Nm	49081 Nm

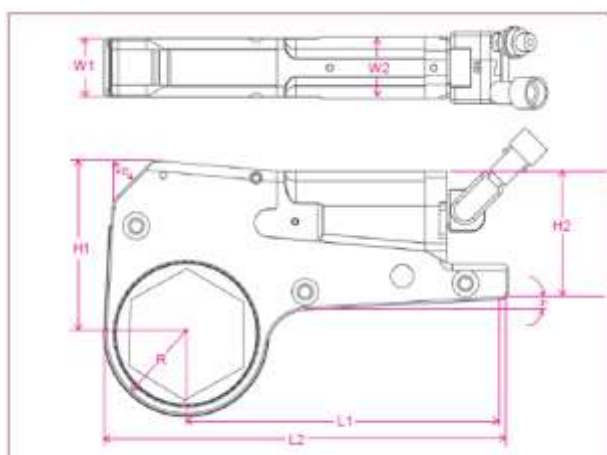
LP SERIES TORQUE WRENCHES

18 MONTH WARRANTY



MADE IN THE U.S.A. FROM 300M STEEL & AIRCRAFT GRADE T6 : 7075 ALUMINUM

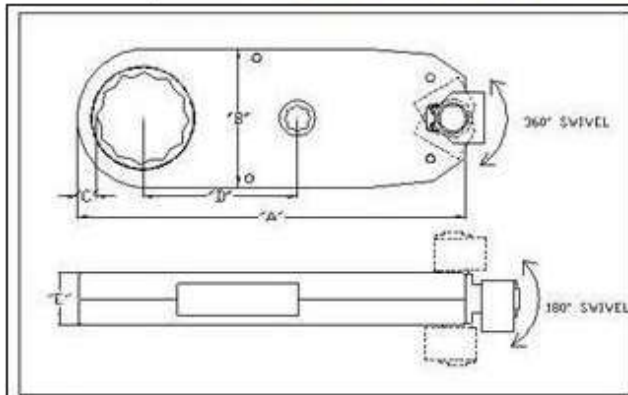
MODEL NUMBER	Units	LP 2	LP 4	LP 8	LP 16	LP 32	LP 48
Range of Hex Sizes A/F	(in) (mm)	3/4 to 2-3/8 19 to 60	7/8 to 3-1/8 22 to 80	1-1/4 to 4-1/2 32 to 115	1-5/8 to 4 5/8 41 to 120	2-3/16 to 6-1/8 56 to 155	3-1/8 to 6-1/8 80 to 155
Torque Range	(ft-lb) (n-m)	268 to 1826 363 to 2476	568 to 3788 770 to 5137	1075 to 8024 1457 to 10881	2400 to 16000 3201 to 22009	5250 to 35000 7119 to 47460	7125 to 38000 9662 to 51528
Cylinder Weight	(lb) (kg)	3.45 1.56	5.8 2.63	10.2 4.62	15.5 7.03	18 8.16	19.4 8.80
Range of Link Weight	(lb) (kg)	2.20 to 3.50 1.00 to 1.58	5.25 to 7.50 2.38 to 3.40	11.40 to 14.10 5.17 to 6.39	19.70 to 27.60 8.93 to 12.51	32.00 to 99.00 14.50 to 44.90	35.00 to 99.00 15.87 to 44.90



DIMENSIONS							
L1-Maximum Reaction Reach	(in) (mm)	7.00 177.80	8.41 213.69	11.31 287.32	14.00 355.60	16.00 406.40	16.00 406.40
L2-Overall Length	(in) (mm)	8.90 226.06	10.70 271.78	14.27 362.59	17.95 455.93	19.25 488.95	19.25 488.95
H1-Center of Bolt to Top of Tool	(in) (mm)	3.86 98.17	4.77 121.29	6.16 156.67	7.25 184.15	10.50 266.70	10.50 266.70
H2-Back End Height	(in) (mm)	3.45 87.63	3.78 96.14	6.05 153.67	8.50 215.9	10.90 276.86	11.40 289.56
W1-Tool Width at Link	(in) (mm)	1.25 31.75	1.62 41.28	2.10 53.34	2.35 59.69	2.55 64.77	2.55 64.77
W2-Tool Width at Cylinder	(in) (mm)	1.25 31.75	1.75 44.45	2.10 53.34	2.45 62.23	2.80 71.12	3.10 78.74
R-Tool Radius around Bolt	(in) (mm)	1.03 to 1.75 26.16 to 44.48	1.31 to 2.30 33.32 to 58.47	1.72 to 2.95 43.82 to 74.98	1.95 to 3.50 49.53 to 88.9	2.50 to 4.75 63.5 to 120.65	2.75 to 4.75 70.0 to 120.65

THE BOX TOWER

THE WORLDS SMALLEST AND LIGHTEST HYDRAULIC WRENCH



MODEL NO.	OUTPUT SIZE		"A"	"B"	"C"	"D"	"E"	MAX TORQUE @ 10,000 PSI	INPUT SQ.	WEIGHT
	INCH	MM								
BXT-2-D	1-5/8"	41 MM	8.87"	3.23"	.42"	3.60"	1.20"	1588 FT.LBS. 2095 Nm.	3/8"	4 1/2 lbs.
	1-13/16"	46 MM	8.98"							
	2"	50 MM	9.08"							
	2-3/16"	55 MM	9.19"							
BXT-4-D	2-3/16"	55 MM	11.84"	4.30"	.56"	4.80"	1.60"	3970 FT.LBS. 5382 Nm.	1/2"	9 1/2 lbs.
	2-3/8"	60 MM	11.94"							
	2-9/16"	65 MM	12.05"							
	2-3/4"	70 MM	12.16"							
BXT-8-D	2-3/4"	70 MM	14.81"	5.38"	.70"	6"	2"	7980 FT.LBS. 9694 Nm.	3/4"	19 1/2 lbs.
	2-15/16"	75 MM	14.91"							
	3-1/8"	80 MM	15.02"							
	3-1/2"	90 MM	15.24"							
BXT-16-D	3-1/2"	90 MM	17.88"	6.45"	.84"	7.20"	2.40"	13,355 FT.LBS. 16,751 Nm.	1"	31 lbs.
	3-7/8"	100 MM	18.10"							
	4-1/4"	110 MM	18.31"							
	4-5/8"	120 MM	18.53"							
BXT-32-D	4-5/8"	120 MM	23.82"	8.60"	1.12"	9.60"	3.20"	31,760 FT.LBS. 39,698 Nm.	1"	70 lbs.
	5"	125 MM	24.04"							
	5-3/8"	130 MM	24.25"							
	5-3/4"	145 MM	24.47"							

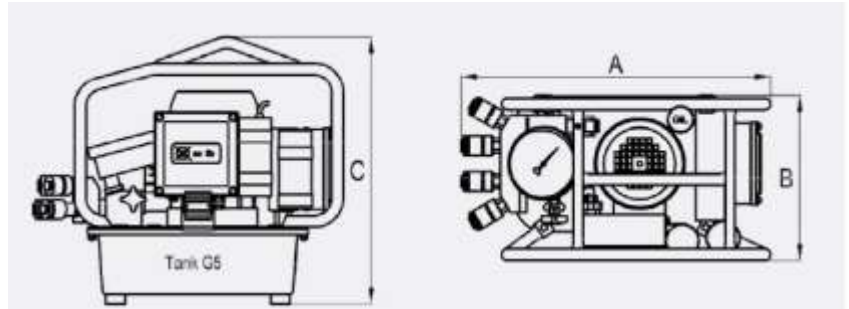
WE CAN MANUFACTURE THIS TOOL TO ANY DIMENSION REQUESTED

HYDRAULIC

TORQUE WRENCH POWER PACKS

ELECTRIC POWERED

FULL SIZE ELECTRIC

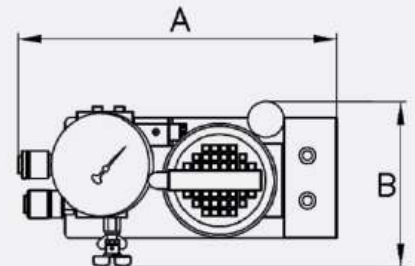
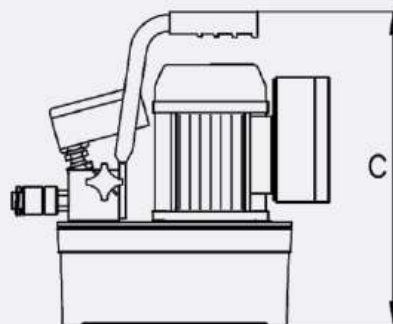


Model	Units	A	B	C
115v/230v With Oil Cooler	in.	17.4	10.7	16.6
	mm	440	270	420
115v/230v Without Oil Cooler	in.	17.4	10.7	16.6
	mm	440	270	420
380v	in.	17.4	10.7	16.6
	mm	440	270	420

WEIGHT = 55LBS

FLOW 620 CU.IN/MIN. (10 L/MIN)

MINI ELECTRIC



Model	Units	A	B	C
115v/230v	in.	14.6	9.3	14.3
	mm	370	235	365

WEIGHT = 33 LBS

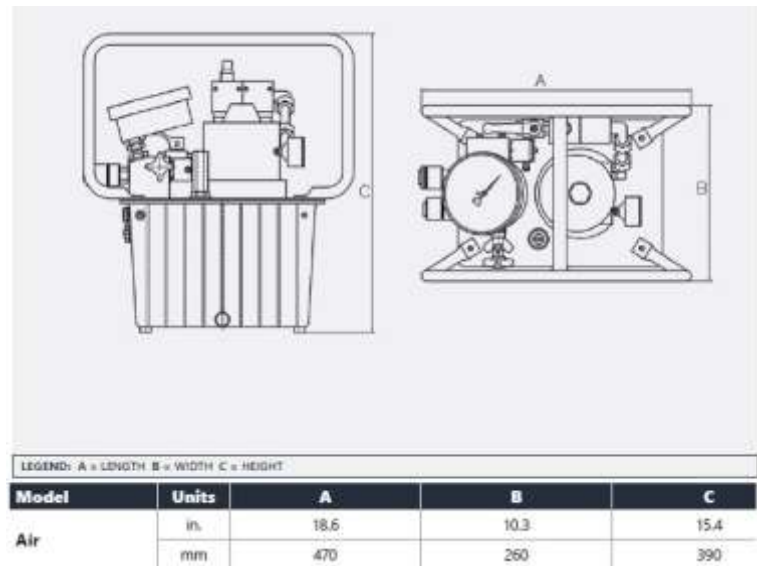
FLOW = 310 CU.IN/MIN. (5 L/MIN)

HYDRAULIC

TORQUE WRENCH POWER PACKS

PNEUMATIC POWERED

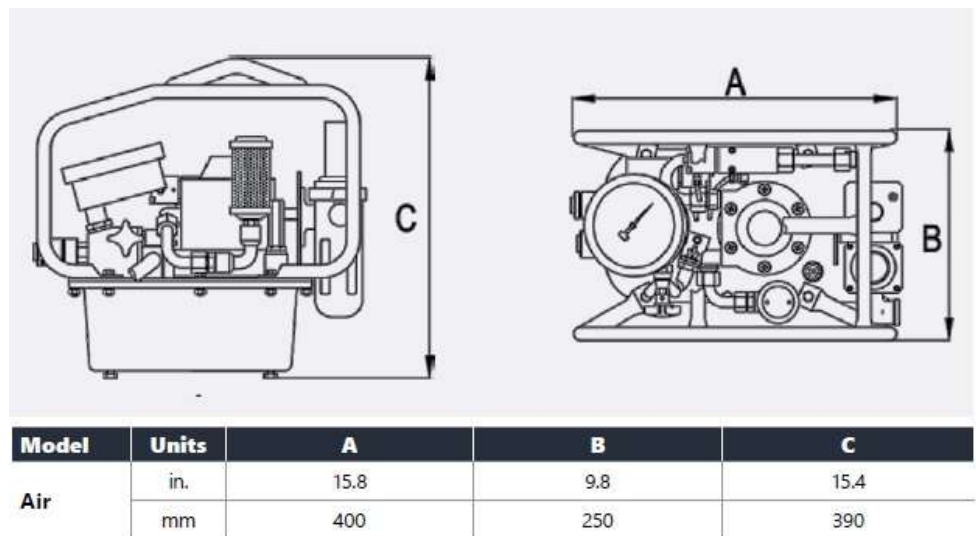
FULL SIZE AIR



WEIGHT = 46.3 LBS (21 KG)

FLOW = 770 CU.IN/MIN. (12.5 L/MIN)

MINI AIR



WEIGHT = 35 LBS (16 KG)

FLOW = 620 CU.IN/MIN. (10.1 L/MIN)

AT SERIES

PNEUMATIC WRENCHES

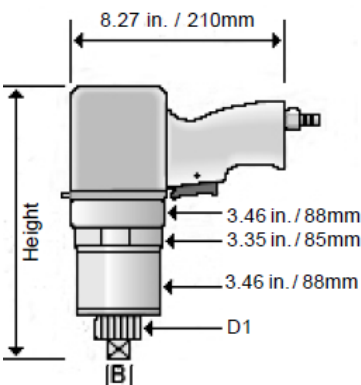


ACCURACY +/- 4%

AirTite® R Series

SINGLE SPEED LOWER CAPACITY TORQUE

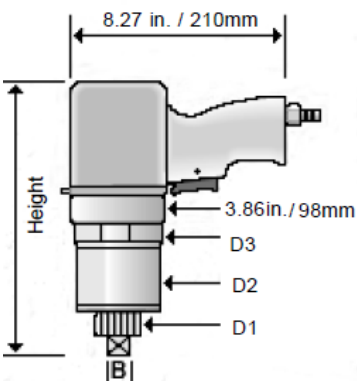
AT160R - AT1400R



Model No.		AT160R	AT290R	AT360R	AT660R	AT800R	AT1100R	AT1400R
Torque Range*	ft-lb	55 - 165	100 - 290	120 - 360	225 - 660	295 - 795	365 - 1070	475 - 1400
	nm	75 - 225	135 - 390	165 - 485	305 - 895	365 - 1080	495 - 1450	645 - 1900
Square Drive (B)	in	1/2 & 3/4	3/4	3/4	3/4	3/4	3/4 & 1	1
D1**	in	1.61	1.61	1.61	1.61	1.61	1.61 / 2.13	2.13
	mm	41	41	41	41	41	41 / 54	54
Height	in	10.04	10.04	10.04	10.83	10.83	10.83 / 11.81	11.81
	mm	255	255	255	275	275	275 / 300	300
Free Speed**	rpm	60	34	27	19	13	9	7
Weight (without support)	lb	13.89	13.89	13.89	15.43	15.43	15.43 / 16.1	16.1
	kg	6.3	6.3	6.3	7	7	7 / 7.3	7.3

SINGLE SPEED HIGHER CAPACITY TORQUE

AT2000R - AT8000R

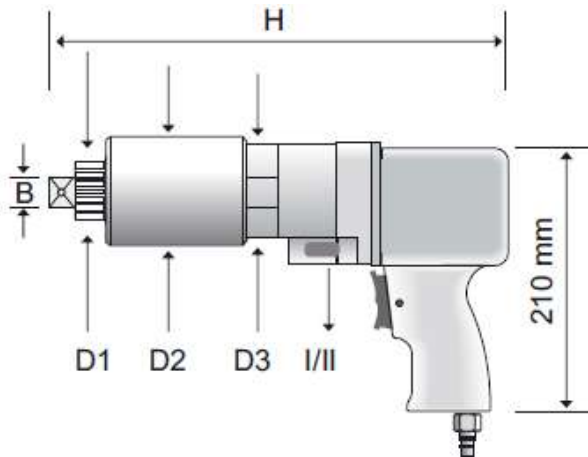


Model No.		AT2000R	AT2550R	AT3200R	AT4500R	AT5700R	AT7200R
Torque Range*	ft-lb	671 - 1969	870 - 2552	1099 - 3231	1534 - 4510	1925 - 5680	2430 - 7230
	nm	910 - 2670	1180 - 3460	1490 - 4380	2080 - 6115	2610 - 7700	3300 - 9800
Square Drive (B)	in	1	1	1-1/2	1-1/2	1-1/2	1-1/2
D1**	in	2.13	2.13	2.83	2.83	2.83	3.58
	mm	54	54	72	72	72	91
D2	in	3.35	3.35	3.86	4.84	5.83	6.81
	mm	85	85	98	123	148	173
D3	in	3.46	3.46	3.86	4.84	5.83	6.81
	mm	88	88	98	123	148	173
Height	in	11.81	11.81	12.6	13.78	13.78	14.57
	mm	300	300	320	350	350	370
Free Speed**	rpm	8	6.5	4	2.5	1.5	1
Weight (without support)	lb	19.84	19.84	26.46	35.27	41.89	55.12
	kg	9	9	12	16	19	25



F2 SERIES

PNEUMATIC TORQUE WRENCHES



WORLD'S MOST POWERFUL AIRTOOL

2 SPEEDS: FAST BOLTING, WIDE TORQUE BAND

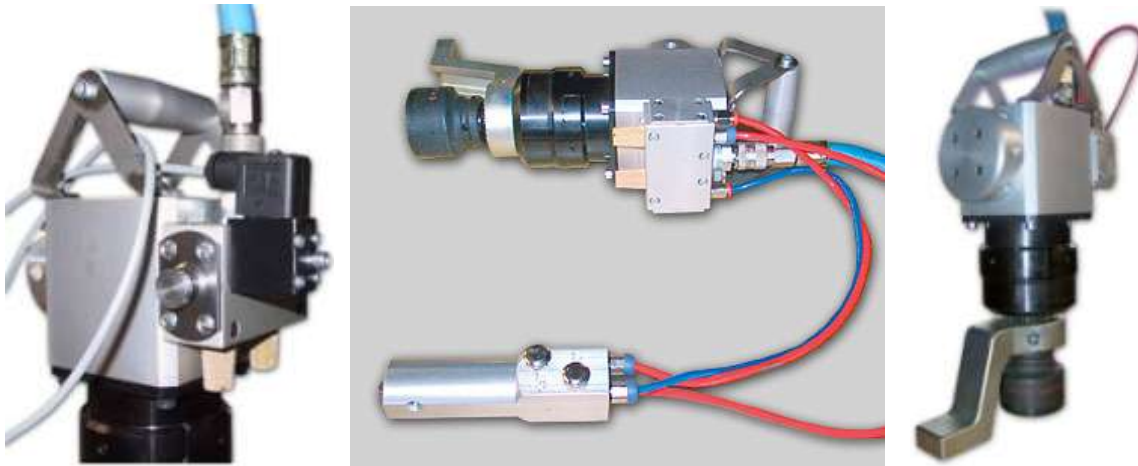
ACCURACY +/- 4%

Model No.		AT800F-2	AT1200F-2	AT2650F-2	AT3700F-2	AT5800F-2	AT7000F-2	AT8100F-2	AT12500F-2	AT25000F-2	AT35000F-2
Torque Range*	ft-lb	280-830	406-1191	904-2652	1269-3728	1973-5801	2368-6959	2762-8121	4279-12539	8482-25077	11801-35845
1st Gear	nm	380-1125	550-1615	1225-3595	1720-5055	2675-7865	3210-9435	3745-11010	5800-17000	11500-34000	16000-486000
Torque Range*	ft-lb	89-262	125-372	284-834	398-1169	620-1822	745-2039	867-2548	1180-3540	2434-7154	3467-10252
2nd Gear	nm	120-355	170-505	385-1130	540-1585	840-2470	1010-2765	1175-3455	1600-4800	3300-9700	4700-13900
Square Drive (B)	in	3/4 & 1	1	1	1-1/2	1-1/2	1-1/2	1-1/2	2-1/2	2-1/2	2-1/2
D1**	in	1.61 / 2.13	2.13	2.13	2.83	2.83	2.83	3.58			
	mm	41 / 54	54	54	72	72	72	91	SW120	SW120	SW120
D2	in	3.35	3.35	3.35	3.86	4.84	5.83	6.81	10.83	10.83	10.83
	mm	85	85	85	98	123	148	172	275	275	275
D3	in	3.46	3.46	3.46	3.86	4.84	5.83	6.81	10.83	10.83	10.83
	mm	88	88	88	98	123	148	173	275	275	275
Height	in	11.02	12.99	14.17	14.96	16.14	16.14	16.93	22.44	22.44	22.44
	mm	280	330	360	380	410	410	430	570	570	570
Free Speed (rpm)	1st gear	12	7	5	3	2	1.5	1	0.5	0.4	0.3
	2nd gear	36	21	15	9	6	5	4	1	0.8	0.6
Weight	lb	15.43	16.53	19.84	24.25	33.07	44.09	52.91	132.27	132.27	132.27



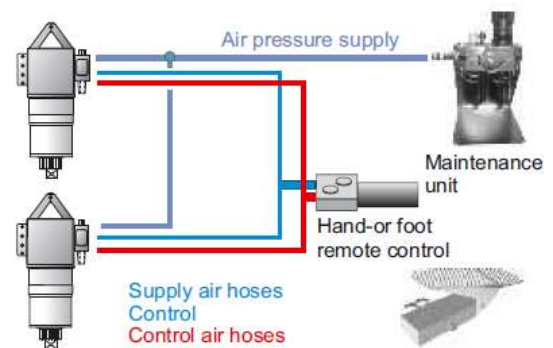
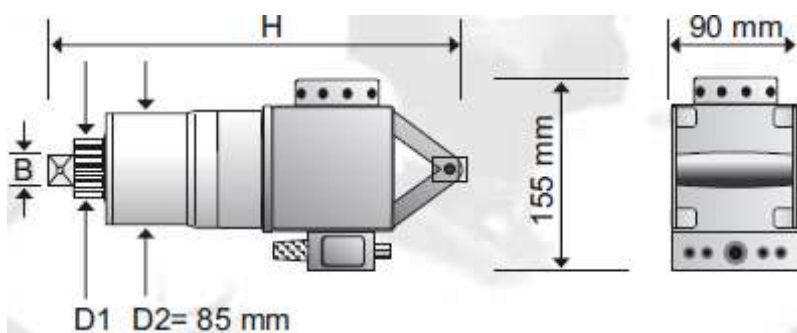
ATC SERIES

PNEUMATIC REMOTE CONTROLLED



ACCURACY +/- 4%

Series	ATC	Type	ATC 160	ATC 200	ATC 280	ATC 350	ATC 660	ATC 800	ATC 1070	ATC 1400	ATC 2000	ATC 2550
Performance **		Ft Lbs	45 -162	70-205	100-285	121-355	225-660	270-795	365-1069	475-1400	671-1969	870-2550
Performance **		Nm	60-220	95-280	135-390	165-485	305-895	365-1080	495-1450	645-1900	910-2670	1180-3460
Square drive		B	1/2" / 3/4"	1/2" / 3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"
Diameter D ₁ **		mm	41	41	41	41	41	41	54	54	54	54
Height (H)		mm	296	296	296	296	318	318	320	340	372	372
Weight		kg	5,8	5,8	6,2	6,2	6,8	6,8	6,8	6,8	7,4	7,4
Weight		Lbs	12.9	12.9	13.6	13.6	14.9	14.9	14.9	14.9	16.3	16.3
Idling speed **		mm ⁻¹	60	38	34	27	19	13	9	7	6	4



**OPTIONAL MULTIPLE TOOL SETUP



E IP-54 SERIES

ELECTRIC TORQUE WRENCHES

WATER RESISTANT RATED IP-54

SPEED



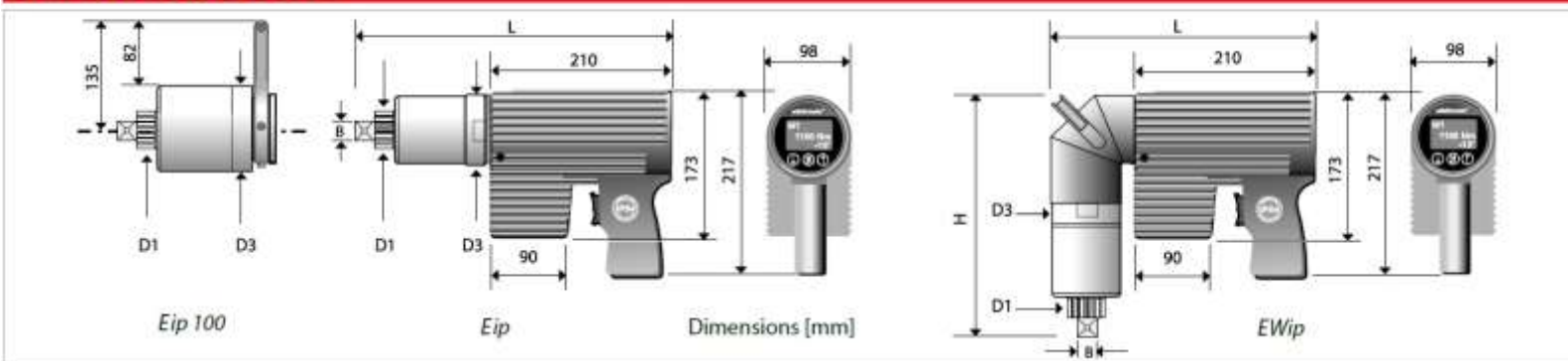
THE FASTEST TORQUE TOOL EVER...PERIOD!
IP-WATER & DUST RESISTANT ALL WEATHER RATED / STRAIGHT MODEL

Models Eip

Type		EIP-300	EIP-500	EIP-650	EIP-950	EIP-1200	EIP-1350	EIP-1700	EIP-2100	EIP-2250	EIP-3200	EIP-3700	EIP-4800
Torque range (approx.) *	Nm	75-420	80-620	100-940	150-1300	150-1500	190-1850	250-2350	290-2900	350-3500	440-4300	500-5000	650-6500
Torque range (approx.) *	lbf.ft	55-305	60-540	75-675	110-960	110-1190	140-1340	185-1735	215-2135	260-2540	325-3205	370-3730	480-4800
Square drive	B	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1 1/16"	1 1/2"	1 1/2"	1 1/2"
Diameter (approx.)	D ₁ mm	41	41	41	41	54	54	54	54	72	72	72	72
Diameter (approx.)	D ₃ mm	88	88	88	88	88	88	88	88	98	98	109	109
Length (approx.)	L mm	330	330	330	352	382	382	388	388	406	406	405	430
Weight without DMA (approx.)	kg	9	9	9	9	10	10	11	11	13	13	14.5	15.5
Idle speed	rpm	70	40	30	22	15	14	11	8	7	5	4	3

BRUSHLESS MAINTENANCE FREE ELECTRIC MOTOR ACCEPTS FROM 60-360V ACCURACY +/- 3%

Technical Data



REAL TIME TORQUE READOUT = WATCH THE TORQUE RISE ON THE DISPLAY IN REAL TIME!



UNLIMITED TORQUE SETTINGS AVAILABLE IN INCREMENTS OF AS LITTLE AS 1 (FT LB OR NM)

***P : OPTIONAL PLUS MODELS HAVE TORQUE PLUS ANGLE CAPABILITIES – ALL MODELS HAVE LCD SCREEN READOUT**

EW IP-54 SERIES ELECTRIC TORQUE WRENCHES

WATER RESISTANT RATED IP-54

SPEED



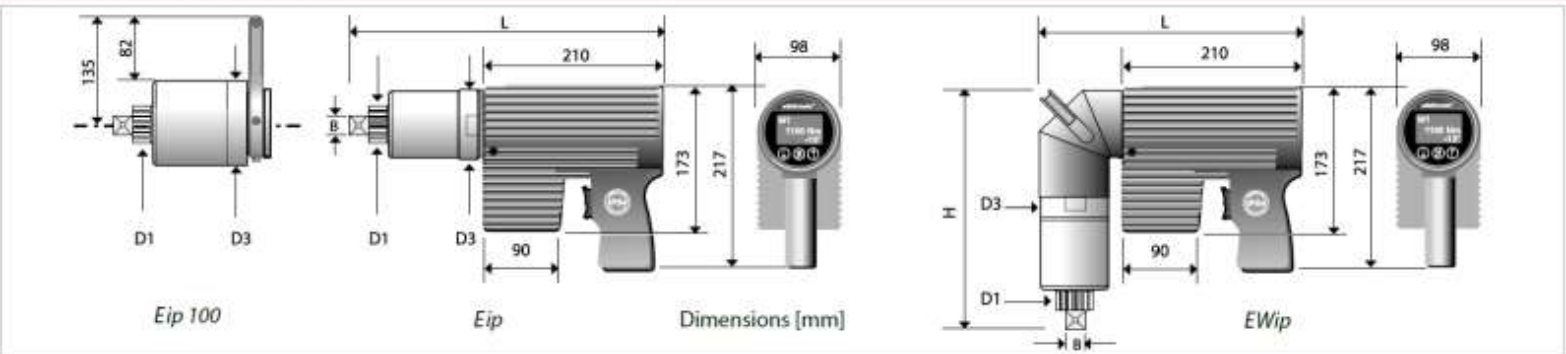
IP-WATER & DUST RESISTANT ALL WEATHER RATED / RIGHT ANGLE MODEL

Models EWip

Type		EWIP-300	EWIP-500	EWIP-650	EWIP-950	EWIP-1200	EWIP-1350	EWIP-1700	EWIP-2100	EWIP-2250	EWIP-3200	EWIP-3700	EWIP-4800
Torque range (approx.)*	Nm	75-420	80-620	100-940	150-1300	150-1500	190-1850	250-2350	290-2900	350-3500	440-4300	500-5000	650-6500
Torque range (approx.)*	lbf.ft	55-305	60-540	75-675	110-960	110-1190	140-1340	185-1735	215-2135	260-2540	325-3205	370-3730	480-4800
Square drive	B	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1 1/12"	1 1/2"	1 1/2"	1 1/2"
Diameter (approx.)	D ₁ mm	41	41	41	41	54	54	54	54	72	72	72	72
Diameter (approx.)	D ₃ mm	88	88	88	88	88	88	88	88	98	98	109	109
Length (approx.)	L mm	310	310	310	310	310	310	310	310	318	318	326	315
Height (approx.)	H mm	249	249	249	271	300	300	305	305	315	315	345	350
Weight without DMA (approx.)	kg	12	12	12	12	13	14	14	14	16	16	17	18
Idle speed	rpm	70	40	30	22	15	14	11	8	7	5	4	3

BRUSHLESS MAINTENANCE FREE ELECTRIC MOTOR ACCEPTS FROM 60-360V ACCURACY +/- 3%

Technical Data



REAL TIME TORQUE READOUT = WATCH THE TORQUE RISE ON THE DISPLAY IN REAL TIME!



UNLIMITED TORQUE SETTINGS AVAILABLE IN INCREMENTS OF AS LITTLE AS 1 (FT LB OR NM)

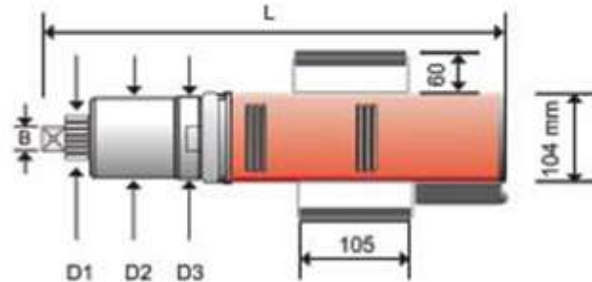
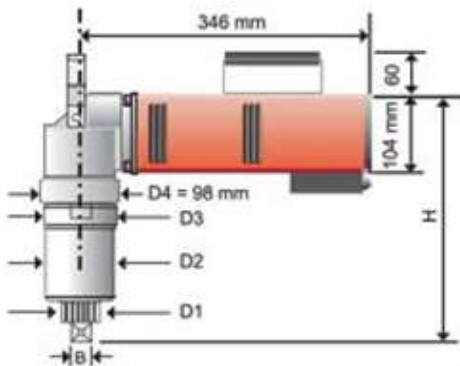
***P : OPTIONAL PLUS MODELS HAVE TORQUE PLUS ANGLE CAPABILITYS – ALL MODELS HAVE LCD SCREEN READOUT**

EHS SERIES

EXTREME DUTY ELECTRIC TORQUE

THE *FASTEST* TORQUE TOOL EVER...PERIOD!

SPEED



NIB MODEL NUMBER	1550	2000	2300	3150	4550	5750	7200	15000	31000
	1550-P	2000-P	2300-P	3150-P	4550-P	5750-P	7200-P	15000-P	31000-P
Torque rang approx. Nm	300-2100	435-2695	500-3100	900-4250	1100-6150	1800-7800	2050-9800	5300-20600	6240-42120
ft-lbs	221-1550	320-1980	370-2280	663-3130	811-4530	1320-5750	1500-7220	3900-15200	4600-31000
B Square Drive	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2 1/2"	2 1/2"
D1 Diameter approx. mm	54	54	72	72	72	72	91	SW120	SW120
D2 Diameter	85	85	98	98	123	148	173	275	275
D3 Diameter	88	88	88	88	123	148	173	98	130
Length	515	515	515	525	550	555	555	650	650
Weight	13	13	14	14.5	19	22	27	60	62
Idle Speed approx rpm	16	14	12	8	7	4	3	1	0.6

BRUSHLESS MAINTENANCE FREE ELECTRIC MOTOR ACCEPTS FROM 60-360V ACCURACY +/- 3%

STANDARD CONTROL

19 PRE-SET SETTINGS
AUTO SHUTOFF WHEN TORQUE IS REACHED

YOU CHOOSE THE CONTROLS!

PLUS+ CONTROL

19 PRE-SET SETTINGS
AUTO SHUTOFF WHEN TORQUE IS REACHED
OPTIONAL ADDITIONAL 19 PRE-SET SETTINGS
TORQUE PLUS ANGLE OR ANGLE ONLY IN DEGREES
LCD SCREEN FOR ALL MODES



EA SERIES

BATTERY TORQUE WRENCHES



READY TO USE ANYWHERE : NO CORDS OR HOSES! ACCURACY +/- 3%

MAINTENANCE FREE BRUSHLESS MOTOR

Measurements

Scope of Delivery

2 lithium-ion battery packs 18 V, 5.2 Ah, battery charger, tool case.

Repeat shut-off accuracy $\pm 3\%$ (same bolting connection). All *alkitronic*® torque multipliers are CE-certified.

REFERENCE : EA2/150 WILL TORQUE 360 TOTAL BOLTS WITH BOTH BATTERY AT FULL CHARGE

Type		EA2 / 80	EA2 / 150	EA2 / 200	EA2 / 280	EA2 / 300	EA2 / 400
Torque range (approx.) *	Nm	115-860	150-1400	250-2200	300-2800	360-3200	500-4100
	lbf.ft	85-635	110-1030	185-1620	220-2065	265-2360	370-3025
Square drive	B	3/4"	3/4"	1"	1"	1"	1 1/2"
Diameter (approx.)	D ₁ mm	41	41	54	54	72	72
Diameter (approx.)	D ₂ mm	85	85	85	85	93	93
Diameter (approx.)	D ₃ mm	88	88	88	88	97	97
Length (approx.)	L mm	295	295	320	345	370	370
Weight without DMA (approx.) **	kg	5.5	5.5	7.0	7.4	7.4	9.1
Idle speed 1 st gear	rpm	7.0	4.0	2.0	1.7	1.5	1.0
Idle speed 2 nd gear	rpm	24.0	13.0	6.5	6.0	5.0	4.0



STANDARD CHARGER AVAILABLE IN 110V, OR 220V SUPERCHARGER

EA F SERIES

BATTERY TORQUE WRENCHES



EA F – (BUILT IN AUTOMATIC RELEASE FUNCTION) – HIGHER TORQUE VALUES

Technical Data

Type		EA F2 / 80	EA F2 / 150	EA F2 / 200	EA F2 / 280	EA F2 / 300	EA F2 / 400	EA F2 / 600
Torque range (approx.) *	Nm	160-850	260-1400	300-2200	350-2800	370-3200	450-4100	600-6000
	lbf.ft	120-625	190-1035	220-1625	260-2065	275-2360	330-3025	445-4430
Square drive	B	3/4"	3/4"	1"	1"	1"	1 1/2"	1 1/2"
Diameter (approx.)	D ₁ mm	41	41	54	54	72	72	72
Diameter (approx.)	D ₂ mm	85	85	85	85	93	93	109
Diameter (approx.)	D ₃ mm	88	88	88	88	97	97	109
Length (approx.)	L mm	295	295	320	350	370	370	380
Weight without DMA (approx.) **	kg	5,6	5,6	6,4	7,5	7,5	9,2	9,0
Idle speed 1 st gear	rpm	8,0	4,0	3,0	1,8	1,5	1,5	0,8
Idle speed 2 nd gear	rpm	26,0	14,0	10,0	6,5	6,0	5,4	3,0

EA W SERIES

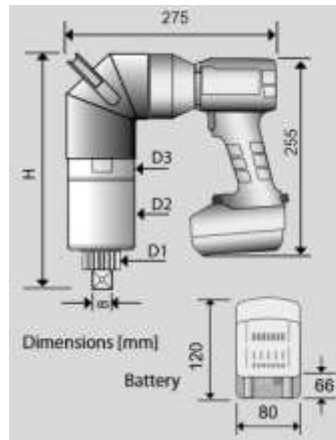
BATTERY TORQUE WRENCHES



EA W = RIGHT ANGLE

Technical Data: *alkitronic*® EAW Models

Type		EAW2 / 80	EAW2 / 150	EAW2 / 200	EAW2 / 280	EAW2 / 300	EAW2 / 400
Torque range (approx.) *	Nm	115-860	150-1400	250-2200	300-2800	360-3200	500-4100
	lbf.ft	85-635	110-1030	185-1620	220-2065	265-2360	370-3025
Square drive	B	3/4"	3/4"	1"	1"	1"	1 1/2"
Diameter (approx.)	D ₁ mm	41	41	54	54	72	72
Diameter (approx.)	D ₂ mm	85	85	85	85	93	93
Diameter (approx.)	D ₃ mm	88	88	88	88	97	97
Height (approx.)	H mm	250	250	295	305	310	320
Weight without DMA (approx.) **	kg	7,5	7,5	9,0	9,5	9,5	11,2
Idle speed 1 st gear	rpm	7,0	4,0	2,0	1,7	1,5	1,0
Idle speed 2 nd gear	rpm	24,0	13,0	6,5	6,0	5,0	4,0



2 lithium-ion battery packs 18 V,
5,2 Ah, battery charger, tool case.
CE-certified.



EAW - application on steel structures.
Repeat shut-off accuracy ± 3% (same
bolting connection).

***PHE* SERIES**

PLATE HEAT EXCHANGER



***SG* SIDE GEAR MODELS**



ELECTRIC PISTOL GRIP RIGHT ANGLE



PNEUMATIC PISTOL GRIP RIGHT ANGLE



PNEUMATIC REMOTE CONTROL RIGHT ANGLE

***IL* INLINE MODELS**



ELECTRIC PISTOL GRIP INLINE



PNEUMATIC PISTOL GRIP INLINE



PNEUMATIC REMOTE CONTROL INLINE

N-TYPE TOOLS

LOWER TORQUE NOSE TOOLS

LS - N Drive pneumatic

- Optimal applications in high explosion-risk areas

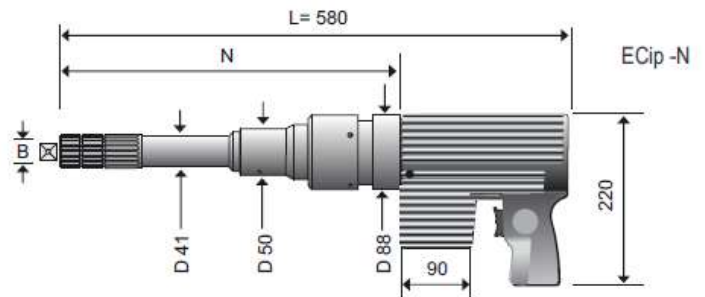
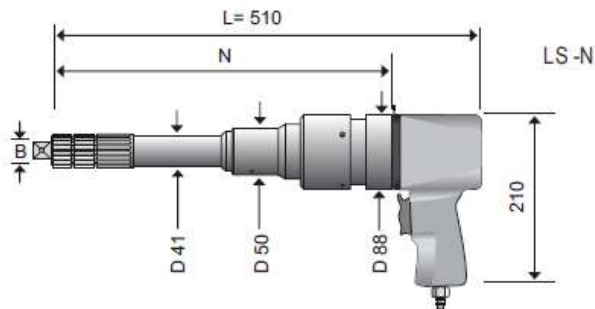


ECip - N Drive electric

- Large torque range with 19 selectable shut-off torques



Technical Details



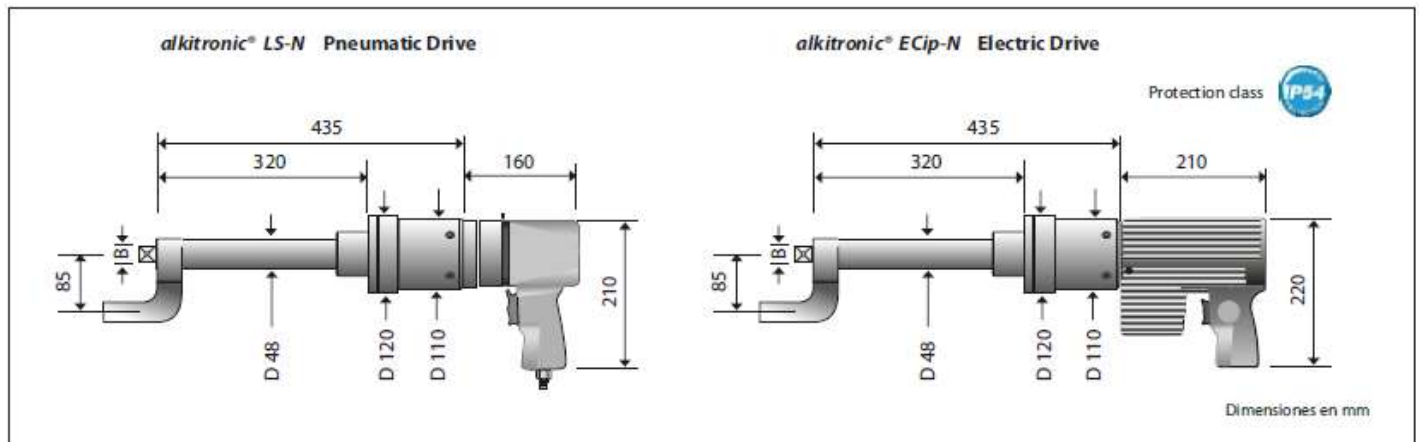
Series N	Type	LS 80 N	LS 100 N	ECip 80 N	ECip 100 N
Torque range approx.	Nm	365-1080*	495-1450*	140-1100*	230-1480*
	ft.lbs	270-800*	365-1070*	100-800*	170-1090*
Square drive	B	3/4"	3/4"	3/4"	3/4"
Length L	mm	510	510	580	580
Length N**	mm	380**	380**	380**	380**
Weight without support approx.	kg	9,8	9,8	11	12
Idle speed approx.	min ⁻¹	16	12	16	9
Price	EUR				



ALSO AVAILABLE IN BATTERY POWERED!

N-TYPE TOOLS

HIGHER TORQUE NOSE TOOLS



Models N-Tools		Drive pneumatic		Drive electric	
Type - N		LS 260 N	LS 450 N	ECip 260 N	ECip 450 N
Torque range approx.*	Nm	1150 - 3400	2100 - 6100	600 - 3500	1250 - 6500
	ft.lbs	850 - 2500	1540 - 4500	440 - 2570	930 - 4800
Square drive	B	1"	1 1/2"	1"	1 1/2"
Length approx.	mm	595	595	645	645
Weight approx.	kg	14	16	16	18
Idle speed	r/min	4	2	8	6

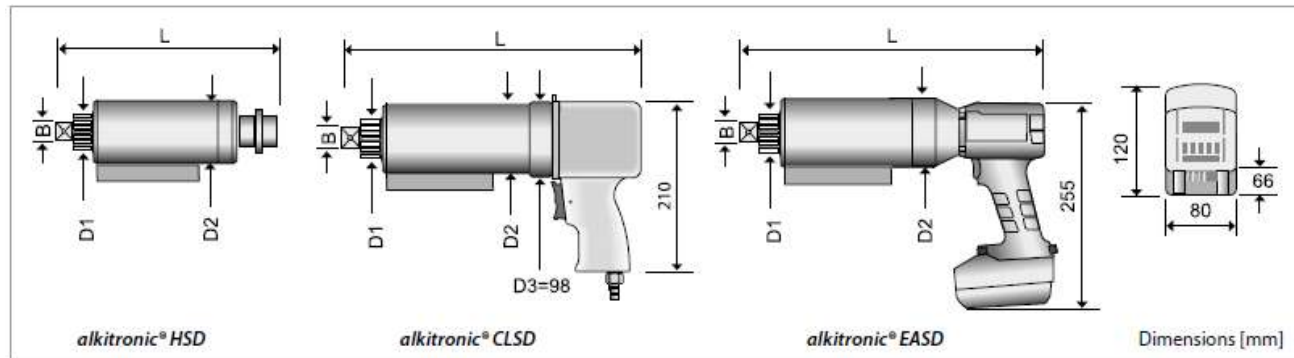


SENSOR TYPE TOOLS

TRACEABLE BOLTING SOLUTIONS!



- **ACTUAL TORQUE APPLIED TO BOLT DISPLAYED IN REAL TIME: VIA TRANSDUCER ON OUTPUT SHAFT**
- **TIME STAMP ON EACH BOLT TORQUE VALUE, EMAIL ALL DATA FROM SMARTPHONE APP!**
- **NUMBER OF BOLTS TORQUED (PLUS MANY MORE FEATURES!)**



CAPTURES TORQUE IN REAL TIME VIA TORQUE TRANSDUCER ON OUTPUT SHAFT!
TOOL CONNECTS TO SMARTPHONE APP, OPTION TO EMAIL BOLT TIGHTENING DATA!

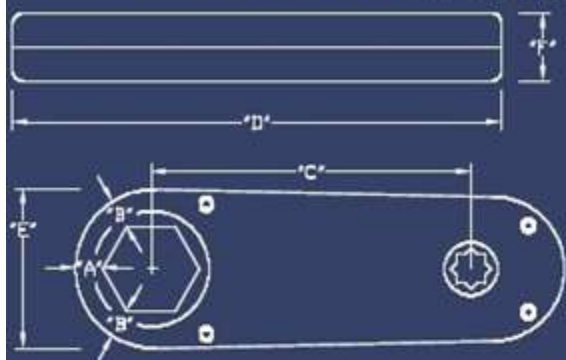
Models HSD / CLSD / EASD

Type		HSD 100	HSD 200	HSD 400	CLSD 100	CLSD 200	CLSD 400	EASD 100	EASD 200	EASD 400
Measuring range approx.	Nm	100-1000	200-2000	400-4000	100-1000	200-2000	400-4000	100-1000	200-2000	400-4000
Power (max)	Nm	1000	2000	4000	1000	2000	4000	1000	2000	4000
Square drive	B	1"	1"	1 1/2"	1"	1"	1 1/2"	1"	1"	1 1/2"
Diameter (approx.)	D ₁ mm	54	54	72	54	54	72	54	54	72
Diameter (approx.)	D ₂ mm	88	88	98	88	88	98	88	88	98
Length (approx.)	L mm	220	295	320	360	390	410	370	405	425
Weight without DMA approx.	kg	6,4	7,6	11,35	10	11,25	15	8,7	10	13,5
Idle speed gear I	r/min	-	-	-	11	5	3,5	5	2	1
Idle speed gear II	r/min	-	-	-	-	-	-	18	6,5	4

Overview of the programs 1 to 5 (Programs for HSD: 1-4, for CLSD / EASD: 1 and 5, only)

- Tightening with specified torque**
 - Torque controlled bolting, bolt connections with target values and tolerance levels.
- Tightening with torque/angle procedure**
 - Pre-torque and angle can be preset.
 - Tolerance specification for the final torque (control of bolting quality).
 - Storage of actual torque and angle.
- Checking of torque**
 - Monitoring of already tightened bolt connections.
- Determination of already loosened torque values.**
- Repeatable testing method with specified angle.**
- CCW: Determination of the starting torque.**
- Determination of required angle**
 - For testing and development purposes. Pre-torque and target resp. final torque are specified.
 - Measurement and storage of the reached angle.
- Display actual torque only with models EASD and CLSD**
 - Display and recording of the actual torque.

LINK GEARLESS HAND MULTIPLIER



AVAILABLE IN DIRECT FIT
OR SQUARE DRIVE OUTPUT

1/2" DRIVE, 4:1 RATIO

PART NO.	HEX	"A"	"B"	"C"	"D"	"E"	"F"
TC-050-4-1-087-S	7/8"	.347"	.377"	5.96"	8.57"	2.11"	1.25"
TC-050-4-1-106-S	1-1/8"	.347"	.377"	5.96"	8.68"	2.32"	1.25"
TC-050-4-1-125-S	1-1/4"	.347"	.377"	5.96"	8.79"	2.54"	1.25"
TC-050-4-1-143-S	1-7/16"	.347"	.377"	5.96"	8.89"	2.76"	1.25"
TC-050-4-1-162-S	1-5/8"	.347"	.377"	5.96"	9.00"	2.97"	1.25"
TC-050-4-1-181-S	1-13/16"	.347"	.377"	5.96"	9.11"	3.19"	1.25"
TC-050-4-1-200-S	2"	.347"	.377"	5.96"	9.22"	3.41"	1.25"
TC-050-4-1-218-S	2-3/16"	.347"	.377"	5.96"	9.33"	3.62"	1.25"
TC-050-4-1-237-S	2-3/8"	.347"	.377"	5.96"	9.44"	3.84"	1.25"

3/4" DRIVE, 4:1 RATIO

PART NO.	HEX	"A"	"B"	"C"	"D"	"E"	"F"
TC-075-4-1-087-S	7/8"	.540"	.686"	8.34"	11.83"	2.11"	1.75"
TC-075-4-1-106-S	1-1/8"	.540"	.686"	8.34"	11.94"	2.32"	1.75"
TC-075-4-1-125-S	1-1/4"	.540"	.686"	8.34"	12.05"	2.54"	1.75"
TC-075-4-1-143-S	1-7/16"	.540"	.686"	8.34"	12.16"	2.76"	1.75"
TC-075-4-1-162-S	1-5/8"	.540"	.686"	8.34"	12.27"	2.97"	1.75"
TC-075-4-1-181-S	1-13/16"	.540"	.686"	8.34"	12.38"	3.19"	1.75"
TC-075-4-1-200-S	2"	.540"	.686"	8.34"	12.48"	3.41"	1.75"
TC-075-4-1-218-S	2-3/16"	.540"	.686"	8.34"	12.59"	3.62"	1.75"
TC-075-4-1-237-S	2-3/8"	.540"	.686"	8.34"	12.70"	3.84"	1.75"
TC-075-4-1-256-S	2-9/16"	.540"	.686"	8.34"	12.81"	4.06"	1.75"
TC-075-4-1-275-S	2-3/4"	.540"	.686"	8.34"	12.92"	4.27"	1.75"
TC-075-4-1-293-S	2-15/16"	.540"	.686"	8.34"	13.02"	4.49"	1.75"
TC-075-4-1-312-S	3-1/8"	.540"	.686"	8.34"	13.13"	4.70"	1.75"

3/4" DRIVE, 6:1 RATIO

PART NO.	HEX	"A"	"B"	"C"	"D"	"E"	"F"
TC-075-6-1-087-S	7/8"	.732"	.915"	13.98"	18.54"	2.47"	2"
TC-075-6-1-106-S	1-1/8"	.732"	.915"	13.98"	18.65"	2.69"	2"
TC-075-6-1-125-S	1-1/4"	.732"	.915"	13.98"	18.76"	2.91"	2"
TC-075-6-1-143-S	1-7/16"	.732"	.915"	13.98"	18.87"	3.12"	2"
TC-075-6-1-162-S	1-5/8"	.732"	.915"	13.98"	18.97"	3.34"	2"
TC-075-6-1-181-S	1-13/16"	.732"	.915"	13.98"	19.08"	3.56"	2"
TC-075-6-1-200-S	2"	.732"	.915"	13.98"	19.19"	3.77"	2"
TC-075-6-1-218-S	2-3/16"	.732"	.915"	13.98"	19.30"	3.99"	2"
TC-075-6-1-237-S	2-3/8"	.732"	.915"	13.98"	19.41"	4.20"	2"
TC-075-6-1-256-S	2-9/16"	.732"	.915"	13.98"	19.52"	4.42"	2"
TC-075-6-1-275-S	2-3/4"	.732"	.915"	13.98"	19.62"	4.64"	2"
TC-075-6-1-293-S	2-15/16"	.732"	.915"	13.98"	19.73"	4.85"	2"
TC-075-6-1-312-S	3-1/8"	.732"	.915"	13.98"	19.84"	5.07"	2"



Also Available in Continuous Rotation for use
with Any Gear Driven Air/Electric Torque Wrench

WE CAN MANUFACTURE THIS TOOL TO ANY DIMENSION REQUESTED

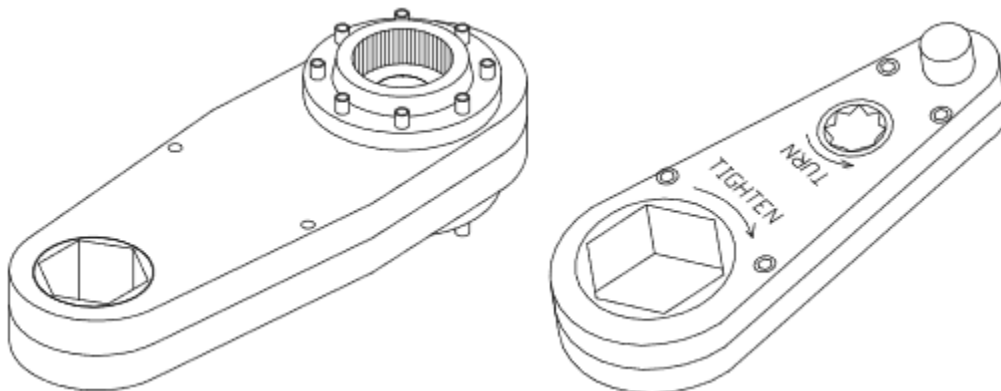
***“SPEED”* OFFSET**



**ATTACHES TO ANY PNEUMATIC, BATTERY OR ELECTRIC TOOL!
ALLOWS ACCESS TO TIGHT SPOTS...**



**ATTACH YOUR TOOL : VIA SPLINED HUB, OR REACTION PIN
CONTINUOUS ROTATION TORQUE MULTIPLIER**



**USE A SMALLER INPUT TOOL =
MULTIPLIES THE INPUT BY 3:1 OR 4:1 DEPENDING ON MODEL
DUAL USE = CAN ALSO BE USED AS A HAND OPERATED MULTIPLIER**

COMPLIMENTARY PRODUCTS: PG 20

MANUAL MULTIPLIER

MAKES APPLYING TORQUE SIMPLE

NEVER LOOK AT A MANUAL MULTIPLIER AGAIN - AND WONDER WHERE TO REACT?

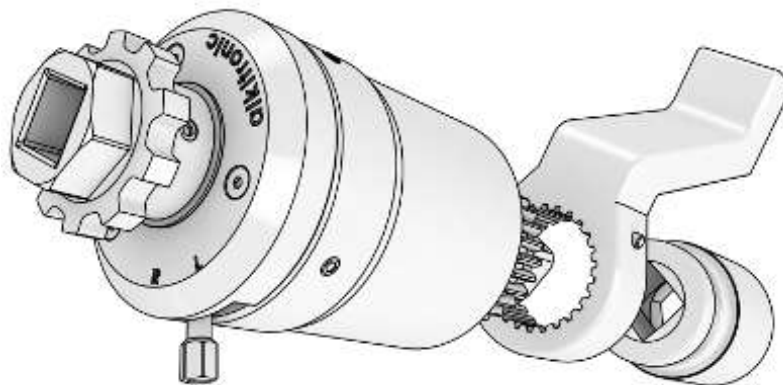
DESIGNED FOR BOLTING - EASY REACTION TO ADJACENT NUT



NEVER WORRY ABOUT POWER IN THE FIELD AGAIN!

NO POWER SUPPLY WORRIES / NO AIR SUPPLY WORRIES / NO HYDRAULIC TOOL WORRIES

ALWAYS WORKS / ALWAYS ON / ALWAYS RELIABLE



VERSATILE - ALWAYS A EASY WAY TO TURN THE INPUT SIDE

TURN BY HAND / TURN WITH A HEX / TURN WITH A 3/4 RATCHET WRENCH

Type		HG10	HG15	HG20	HG30	HG40	HG50	HG60	HG80
Torque up to (approx.) *	Nm	1400	1400	3500	5000	6000	8000	11500	50000
Torque up to (approx.) *	Ft lbs	1030	1030	2550	3675	4425	5900	8475	36800
Square drive	B	1/2" / 3/4"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2 1/2"
Reduction ratio		4	4	16	18	20	24	28	180
Diameter	D mm	85	85	85	98	109	133	173	275
Height	H mm	180	200	235	250	280	280	290	360
Weight (approx.)	kg	3.5	4	5	6.5	7	12	28	58

MANUAL CLICKERS

HEAVY DUTY “SPLIT BEAM” CLICKERS

ACCURATE THROUGH THE COMPLETE TORQUE SPREAD – QUICK CHANGE TORQUE SETTINGS

NO NEED TO UNWIND AFTER EVERY USE – NO SPRINGS TO WEAR!



CAPACITY 40 – 250 FT LBS MADE IN THE USA SINCE 1938

½ FLEX RATCHET, 5 LB INCREMENTS, 22 1/8 LONG, 1 5/8 WIDE 3.39 LBS

MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS : GGG-W-686C, ANSI B107.14M



CAPACITY 200 – 600 FT LBS MADE IN THE USA SINCE 1938

¾ SQUARE DRIVE DETACHABLE RATCHET, 10 FT LB INCREMENTS, 48 ½ LONG, 2 3/8 WIDE, 11.76 LBS

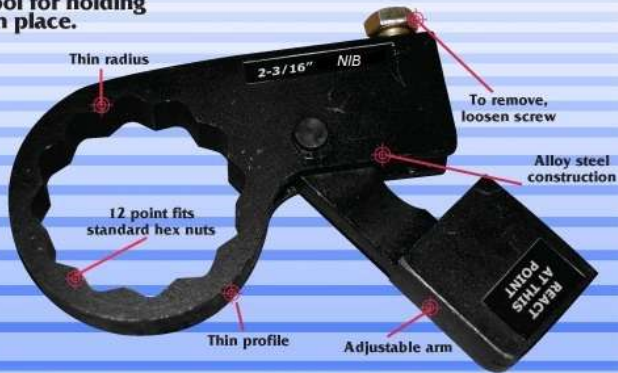
MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS : GGG-W-686C, ANSI B107.14M

MECHANICAL HOLDING WRENCH

THE CADDILIAC OF HOLDING WRENCHES!

MECHANICAL HOLDING WRENCH BY NIBTORQUE

The essential tool for holding thru bolt nuts in place.



NUT SPECIFIC HOLDING WRENCHES ***SQUEEZE IN TO TIGHT SPOTS***

NON-MECHANICAL

HOLDING WRENCH - COST EFFECTIVE



SPRING LOADED BALL RETAINS WRENCH ON NUT EVEN WHEN LOOSE!

THE ELIMINATOR

HYDRAULIC CHAIN POWERED WRENCH

**THE ELIMINATOR®
ELIMINATES
WORKSITE INJURY**



A Very safe, hydraulic or electric powered, portable make-up/ break-out chain pipe wrench system. Quick and easy hook up to handle your toughest connections with ease, control and most importantly, SAFETY.

Eliminate work site injurys with "THE ELIMINATOR"

GENERAL SPECIFICATIONS :

The ultimate in safety and control to make-up or break-out your toughest connections

Maximum torque adjustment is hydraulically controlled

Fast and easy hook up (for easiest operation use back hoe or lifting machine)

Loosen or tighten pipe of the same or different diameters

Pump options include :

hydraulic hand pump

12 V DC electric pump

AC electric pump

auxiliary hydraulic control panel

20 foot hydraulic hoses

NOTE : This application requires special modifications and should not be attempted with standard chain wrenches

WWW.NIBTORQUE.COM



MODEL	TORQUE	STANDARD OD RANGE	MAX OD	WEIGHT w/ DC PUMP IN WOOD SHIPPING BOX	GRIPPING WIDTH	TONG WEIGHT	CHAIN WEIGHT	HORIZONTAL PIPE	VERTICAL PIPE
2600	2600	1 - 5"	6 INCH	210	4 INCH	12 LBS	7.5 LBS	STANDARD	N/A
7500	7500	2 1/4 - 4 7/8	5 INCH	275	4.44 INCH	31 LBS	12 LBS	STANDARD	OPTIONAL
15000	15000	3 1/4 to 5 1/4	8 1.4 INCH	350	5.00 INCH	45 LBS	13.5 LBS	STANDARD	OPTIONAL
50000	50000	4 - 8 1/4	14 INCHES	700	7.25 INCH	129 LBS	42 LBS	STANDARD	OPTIONAL
90000	90000	4 to 12	24 INCHES	1300	9 INCH	317 LBS	100 LBS	STANDARD	N/A



115V AC PUMP - 55 LBS



12V DC PUMP - 40 LBS

(INCLUDES ALLIGATOR CLIPS TO HOOK TO BATTERY)



HAND PUMP - 20 LBS

BOLT TENSION CALIBRATION

MACHINE DISPLAYS CLAMP FORCE IN : KILO NEWTONS AND POUNDS OF FORCE



**SOLID MILLED CLAMP THAT SECURES FOR BEAM MOUNTING
MADE FROM AIRCRAFT QUALITY ALUMINUM FOR ULTRA LIGHT WEIGHT
BUILT IN ADJUSTABLE REACTION ARM TO USE WITH POWERED TORQUE TOOLS**



**SOLID GAUGE PROTECTION
FITTED WHEELED CARRY CASE
DRILLED HOLES FOR BASE/TABLE MOUNTING
LABEL IDENTIFYING RECOMMENED MINIMUM BOLT TENSION**

CBT-100	DESCRIPTION			CBT-125
CBT-100	BASIC UNIT for bolts ranging in size from 1/2" to 1-1/4"			CBT-125
CBT-100-K4	BASIC UNIT with (4) PLATE SET SIZES: 7/8", 1" 1-1/8" and 1-1/4"			CBT-125-K4
CBT-100-K6	BASIC UNIT with (6) PLATE SET SIZES: 5/8", 3/4", 7/8", 1" 1-1/8" and 1-1/4"			CBT-125-K6
	STANDARD HEX SIZE	BOLT DIAMETER	HEAVY HEX SIZE	
CBT-100-PS-062-(H) (S)	15/16"	5/8" Plate and Hex Bushing	1-1/16"	CBT-125-PS-062-(H) (S)
CBT-100-PS-075-(H) (S)	1-1/8"	3/4" Plate and Hex Bushing	1-1/4"	CBT-125-PS-075-(H) (S)
CBT-100-PS-087-(H) (S)	1-5/16"	7/8" Plate and Hex Bushing	1-7/16"	CBT-125-PS-087-(H) (S)
CBT-100-PS-100-(H) (S)	1-1/2"	1" Plate and Hex Bushing	1-5/8"	CBT-125-PS-100-(H) (S)
CBT-100-PS-112-(H) (S)	1-11/16"	1-1/8" Plate and Hex Bushing	1-13/16"	CBT-125-PS-112-(H) (S)
CBT-100-PS-125-(H) (S)	1-7/8"	1-1/4" Plate and Hex Bushing	2"	CBT-125-PS-125-(H) (S)

CBT-200	DESCRIPTION			CBT-250
CBT-200	BASIC UNIT for bolts ranging in size from 1-3/8" to 2"			CBT-250
	STANDARD HEX SIZE	BOLT DIAMETER	HEAVY HEX SIZE	
CBT-200-PS-137-(H) (S)	2-1/16"	1-3/8" Plate and Hex Bushing	2-3/16"	CBT-250-PS-137-(H) (S)
CBT-200-PS-150-(H) (S)	2-1/4"	1-1/2" Plate and Hex Bushing	2-3/8"	CBT-250-PS-150-(H) (S)
CBT-200-PS-162-(H) (S)	2-7/16"	1-5/8" Plate and Hex Bushing	2-9/16"	CBT-250-PS-162-(H) (S)
CBT-200-PS-175-(H) (S)	2-5/8"	1-3/4" Plate and Hex Bushing	2-3/4"	CBT-250-PS-175-(H) (S)
CBT-200-PS-187-(H) (S)	2-13/16"	1-7/8" Plate and Hex Bushing	2-15/16"	CBT-250-PS-187-(H) (S)
CBT-200-PS-200-(H) (S)	3"	2" Plate and Hex Bushing	3-1/8"	CBT-250-PS-200-(H) (S)

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RECOMMENDED TORQUE FOR B-7 BOLTS (A-193) BASED ON 50% YIELD

BOLT DIAM	NUT SIZE	MOLY LUBE	NICKEL LUBE (.110)	COPPER LUBE	OIL	DRY (.400)
3/4"	1-1/4"	104	171	157	224	559
7/8"	1-7/16"	165	272	250	358	893
1"	1-5/8"	245	405	373	533	1332
1-1/8"	1-13/16"	351	585	538	772	1944
1-1/4"	2"	483	811	746	1075	2720
1-3/8"	2-3/16"	644	1090	1000	1447	3678
1-1/2"	2-3/8"	837	1425	1307	1896	4637
1-5/8"	2-9/16"	1071	1834	1682	2445	6260
1-3/4"	2-3/4"	1338	2301	2109	3072	7888
1-7/8"	2-15/16"	1646	2841	2602	3798	9775
2"	3-1/8"	1997	3460	3167	4630	11942
2-1/4"	3-1/2"	2843	4953	4531	6641	17191
2-1/2"	3-7/8"	3898	6823	6238	9162	23768
2-3/4"	4-1/4"	4691	8244	7533	11085	28846
3"	4-5/8"	6987	10732	9803	14447	37670
3-1/4"	5"	7735	13676	12488	18428	48129
3-1/2"	5-3/8"	9656	17113	15622	23079	60365
3-3/4"	5-3/4"	11871	21084	19241	28453	74516
4"	6-1/8"	14401	24295	23379	32826	86146
4-1/4"	6-1/2"	13631	25624	22162	34603	90720
4-1/2"	6-7/8"	16174	28871	26332	39029	102513

**DON'T FORGET
THE LUBE!**

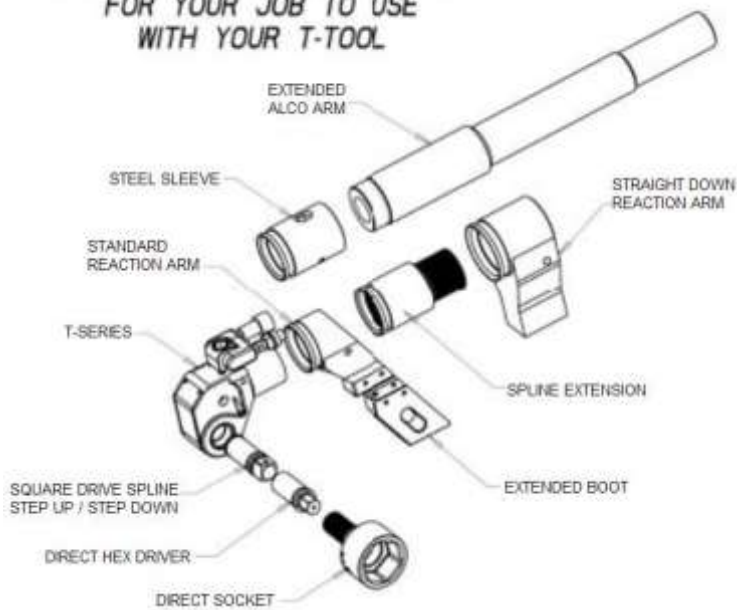


NOTES : THESE ARE GUIDELINES ONLY. REFER TO MANUFACTURES SPECS OR ENGINEERING DEPT.

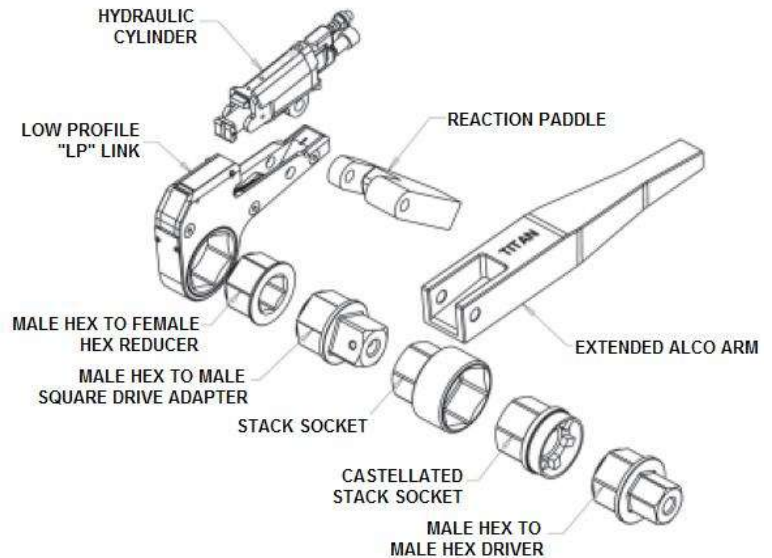
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