

## 1000 SERIES

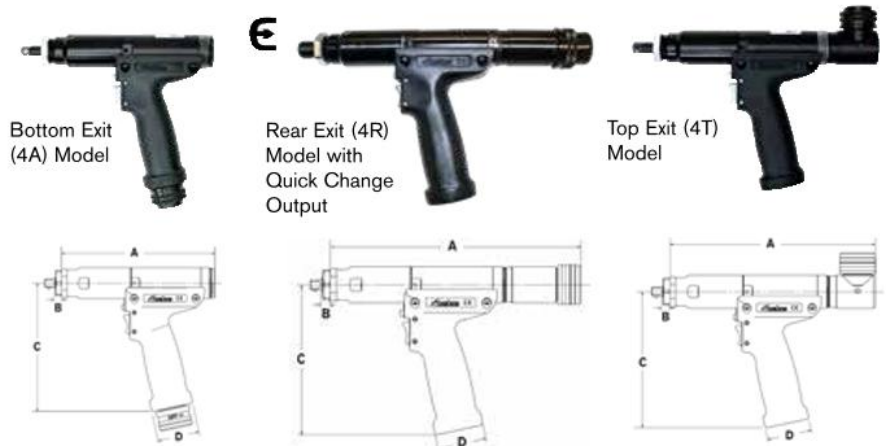
1 - 22 Nm

- Superior size, speed, and duty cycle compared to competitors' tools
- Durable Nylon motor and handle housing
- Onboard lights and audible signal for operator feedback



### 1000 Series Pistol Tools

- Bottom, top, rear exit and push-to-start models available
- Standard Square Drive or extended Ergo Drive output available on all models
- 1/4" Quick Change output available on 3-14 Nm models
- Programmable Multi-Function Button: One single button facilitates several distinctly different tasks



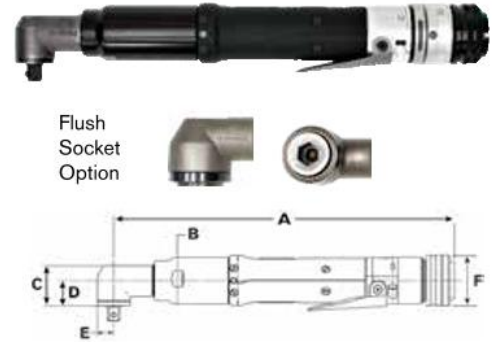
### 1000 Series Pistol Tools

MODEL	MAX TORQUE		TORQUE RANGE		FREE SPEED RPM	WEIGHT (-) SOCKET		OUTPUT DRIVE SQ DR	A		B		C		D	
	NM	FT-LB	NM	FT-LB		LB	KG		IN	MM	IN	MM	IN	MM	IN	MM
<b>Pistol</b> AEP4(A)(R)(T)12003B(V)(Q)	3	2.2	0.8 - 3	0.6 - 2.2	2,625	2.2	1.00	3/8"	A = 6.5 R = 9.3 T = 8.3	165.1 236 210.9	0.38	9.6	6.01	152.6	1.96	49.7
AEP4(A)(R)(T)12006B(V)(Q)	6	4.4	1.5 - 6	1.1 - 4.4	2,625	2.2	1.00	3/8"	A = 6.5 R = 9.3 T = 8.3	165.1 236 210.9	0.38	9.6	6.01	152.6	1.96	49.7
AEP4(A)(R)(T)12011B(V)(Q)	11	8.1	2.8 - 11	2 - 8.1	1,313	2.3	1.04	3/8"	A = 7.17 R = 10.34 T = 8.97	182.2 262.7 228	0.38	9.6	6.01	152.6	1.96	49.7
AEP4(A)(R)(T)12014B(V)(Q)	14	10	3.5 - 14	2.6 - 10	1,037	2.3	1.04	3/8"	A = 7.17 R = 10.34 T = 8.97	182.2 262.7 228	0.38	9.6	6.01	152.6	1.96	49.7
AEP4(A)(R)(T)12018BV	18	13	4.5 - 18	3.3 - 13	840	2.3	1.04	3/8"	A = 7.17 R = 10.34 T = 8.97	182.2 262.7 228	0.38	9.6	6.01	152.6	1.96	49.7
AEP4(A)(R)(T)12022BV	22	16	5.5 - 22	4.1 - 16	656	2.3	1.04	3/8"	A = 7.17 R = 10.34 T = 8.97	182.2 262.7 228	0.38	9.6	6.01	152.6	1.96	49.7
<b>Pistol Push-to-Start</b>																
AEP4T12003BL	3	2.2	0.8 - 3	0.6 - 2.2	2,625	2.2	1.00	3/8"	8.88	225.5	0.25	6.3	6.01	152.6	1.96	49.7
AEP4T12006BL	6	4.4	1.5 - 6	1.1 - 4.4	2,625	2.2	1.00	3/8"	8.88	225.5	0.25	6.3	6.01	152.6	1.96	49.7
AEP4T12011BL	11	8.1	2.8 - 11	2 - 8.1	1,313	2.3	1.04	3/8"	8.97	228	0.25	6.3	6.01	152.6	1.96	49.7
AEP4T12014BL	14	10	3.5 - 14	2.6 - 10	1,037	2.3	1.04	3/8"	8.97	228	0.25	6.3	6.01	152.6	1.96	49.7

\* E logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

## 1000 Series Angle Tools

- Compact, durable head houses a precision right-angle gearset that fits into the tightest spaces
- Integrated transducer for accurate delivery or monitoring of Torque and Angle
- Lightweight materials and uniform body diameter provide a comfortable grip
- Ergonomically placed start lever for ease of operation
- Available in regular or flush socket options



## 1000 Series Angle Tools

MODEL	MAX TORQUE		TORQUE RANGE		FREE SPEED RPM	WEIGHT (-) SOCKET		OUTPUT DRIVE SQ DR	A		B		C		D		E		F	
	NM	FT-LB	NM	FT-LB		LB	KG		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
<b>Angle</b> Add "F" to Part Numbers for Flush Socket																				
AEN4C12004B	4	3	1 - 4	0.7 - 3	3,111	2.0	0.91	3/8"	11.04	280.4	1.47	37.3	1.29	32.8	0.82	20.9	.52	13.1	1.56	39.6
AEN4C12009B	9	6.6	2.3 - 9	1.7 - 6.6	1,750	2.2	1.00	3/8"	11.01	279.6	1.47	37.3	1.29	32.8	0.82	20.9	.52	13.1	1.56	39.6
AEN4C12014B	14	10	3.5 - 14	2.6 - 10	875	2.2	1.00	3/8"	11.65	295.9	1.47	37.3	1.29	32.8	0.82	20.9	.52	13.1	1.56	39.6
AEN4C12018B	18	13	4.5 - 18	3.3 - 13	691	2.2	1.00	3/8"	11.65	295.9	1.47	37.3	1.29	32.8	0.82	20.9	.52	13.1	1.56	39.6
AEN4C12022B	22	16	5.5 - 22	4.1 - 16	560	2.2	1.00	3/8"	11.65	295.9	1.47	37.3	1.29	32.8	0.82	20.9	.52	13.1	1.56	39.6

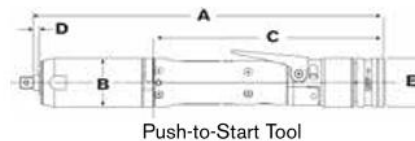
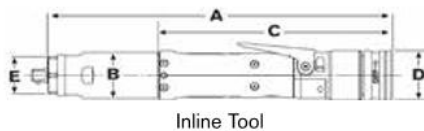
## 1000 Series Inline Tools

- Square drive or Ergo drive available on all inline models
- Quick change output available on 3 – 14 Nm inline and push-to-start models
- User modifiable reaction bar included with in-line tools for use in handheld applications



## 1000 Series Inline Tools

MODEL	MAX TORQUE		TORQUE RANGE		FREE SPEED RPM	WEIGHT (-) SOCKET		OUTPUT DRIVE SQ DR	A		B		C		D		E	
	NM	FT-LB	NM	FT-LB		LB	KG		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
<b>Inline</b> V = Extended Ergo-Drive Output Q = 1/4" Quick Change Output																		
AES4A12003B(V)(Q)	3	2.2	0.8 - 3	0.6 - 2.2	2,625	2.0	0.91	3/8"	11	279.4	1.47	37.3	7.43	188.6	1.56	39.6	1.31	33.4
AES4A12006B(V)(Q)	6	4.4	1.5 - 6	1.1 - 4.4	2,625	2.0	0.91	3/8"	11	279.4	1.47	37.3	7.43	188.6	1.56	39.6	1.31	33.4
AES4A12011B(V)(Q)	11	8.1	2.8 - 11	2 - 8.1	1,313	2.2	1.00	3/8"	11	279.4	1.47	37.3	7.43	188.6	1.56	39.6	1.31	33.4
AES4A12014B(V)(Q)	14	10	3.5 - 14	2.6 - 10	1,037	2.2	1.00	3/8"	11	279.4	1.56	39.6	7.43	188.6	1.56	39.6	1.31	33.4
AES4A12018BV	18	13	4.5 - 18	3.3 - 13	840	2.2	1.00	3/8"	11	279.4	1.47	37.3	7.43	188.6	1.56	39.6	1.31	33.4
AES4A12022BV	22	16	5.5 - 22	4.1 - 16	656	2.2	1.00	3/8"	11	279.4	1.47	37.3	7.43	188.6	1.56	39.6	1.31	33.4
<b>Inline Push-to-Start</b> (Q) = 1/4" Quick Change Output																		
AEL4A12003B(Q)	3	2.2	0.8 - 3	0.6 - 2.2	2,625	2.0	0.91	3/8"	10.69	271.6	1.56	39.6	7.38	187.4	0.21	5.3	1.56	39.6
AEL4A12006B(Q)	6	4.4	1.5 - 6	1.1 - 4.4	2,625	2.0	0.91	3/8"	10.69	271.6	1.56	39.6	7.38	187.4	0.21	5.3	1.56	39.6
AEL4A12011B(Q)	11	8.1	2.8 - 11	2 - 8.1	1,313	2.2	1.00	3/8"	11.26	286.1	1.56	39.6	7.38	187.4	0.21	5.3	1.56	39.6
AEL4A12014B(Q)	14	10	3.5 - 14	2.6 - 10	1,037	2.2	1.00	3/8"	11.26	286.1	1.56	39.6	7.38	187.4	0.21	5.3	1.56	39.6
AEL4A12018B	18	13	4.5 - 18	3.3 - 13	840	2.2	1.00	3/8"	11.26	286.1	1.56	39.6	7.38	187.4	0.21	5.3	1.56	39.6
AEL4A12022B	22	16	5.5 - 22	4.1 - 16	656	2.2	1.00	3/8"	11.26	286.1	1.56	39.6	7.38	187.4	0.21	5.3	1.56	39.6



\* **E** logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.



## 1000 Series Fixtured Tools

- Rear & bottom exit available
- Standard Square Drive, Extended Ergo Drive or 1/4" Quick Change outputs available in most models
- Integrated Sliding Spindles offered in varying lengths of travel to suit specific application needs



Rear Exit Model



Bottom Exit Model



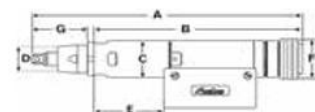
1-3/4" Sliding Spindle Model

## 1000 Series Fixtured Tools

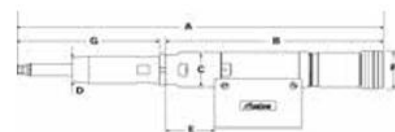
MODEL	MAX TORQUE		TORQUE RANGE		FREE SPEED RPM	WEIGHT (-) SOCKET		OUTPUT DRIVE SQ DR
	NM	FT-LB	NM	FT-LB		LB	KG	
<b>Fixtured</b>	4A models = 1/2" sliding spindle		4C Models = 1-3/4" Sliding Spindle		4X Models = Fixed 3/8" Sq. Dr.			
	(B) = Bottom Exit Cable		(Q) = 1/4" Quick Change Output					
AEF4(A)(C)(X)12003B(B)(Q)	3	2.2	0.8 - 3	0.6 - 2.2	2,625	2.0	0.91	3/8"
AEF4(A)(C)(X)12006B(B)(Q)	6	4.4	1.5 - 6	1.1 - 4.4	2,625	2.0	0.91	3/8"
AEF4(A)(C)(X)12011B(B)(Q)	11	8.1	2.8 - 11	2 - 8.1	1,313	2.2	1.00	3/8"
AEF4(A)(C)(X)12014B(B)(Q)	14	10	3.5 - 14	2.6 - 10	1,037	2.2	1.00	3/8"
AEF4(A)(C)(X)12018B(B)	18	13	4.5 - 18	3.3 - 13	840	2.2	1.00	3/8"
AEF4(A)(C)(X)12022B(B)	22	16	5.5 - 22	4.1 - 16	656	2.2	1.00	3/8"

## 1000 Series Fixtured Tool Dimensions

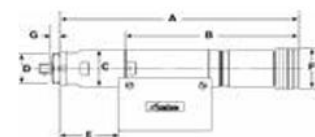
FIXTURED	A		B		C		D		E		F		G	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
AEF4A12003B	11.57	294	9.14	231.1	1.47	37.3	1.12	28.6	2.05	52.2	1.59	40.4	2.18	55.5
AEF4A12006B	11.57	294	9.14	231.1	1.47	37.3	1.12	28.6	2.05	52.2	1.59	40.4	2.18	55.5
AEF4A12011B	12.20	309.8	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	2.18	55.5
AEF4A12014B	12.20	309.8	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	2.18	55.5
AEF4A12018B	12.20	309.8	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	2.18	55.5
AEF4A12022B	12.20	309.8	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	2.18	55.5
AEF4C12003B	15.36	390.3	9.14	231.1	1.47	37.3	1.12	28.6	2.05	52.2	1.59	40.4	5.98	151.8
AEF4C12006B	15.36	390.3	9.14	231.1	1.47	37.3	1.12	28.6	2.05	52.2	1.59	40.4	5.98	151.8
AEF4C12011B	15.99	406.1	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	5.98	151.8
AEF4C12014B	15.99	406.1	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	5.98	151.8
AEF4C12018B	15.99	406.1	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	5.98	151.8
AEF4C12022B	15.99	406.1	9.14	231.1	1.47	37.3	1.12	28.6	2.72	69.2	1.59	40.4	5.98	151.8
AEF4X12003B	9.35	237.5	6.82	173.2	1.47	37.3	1.31	33.4	2.06	52.2	1.59	40.4	0.38	9.7
AEF4X12006B	9.35	237.5	6.82	173.2	1.47	37.3	1.31	33.4	2.06	52.2	1.59	40.4	0.38	9.7
AEF4X12011B	10.02	254.4	6.82	173.2	1.47	37.3	1.31	33.4	2.72	69.1	1.59	40.4	0.38	9.7
AEF4X12014B	10.02	254.4	6.82	173.2	1.47	37.3	1.31	33.4	2.72	69.1	1.59	40.4	0.38	9.7
AEF4X12018B	10.02	254.4	6.82	173.2	1.47	37.3	1.31	33.4	2.72	69.1	1.59	40.4	0.38	9.7
AEF4X12022B	10.02	254.4	6.82	173.2	1.47	37.3	1.31	33.4	2.72	69.1	1.59	40.4	0.38	9.7



AEF4A 1/2" Sliding Spindle Model



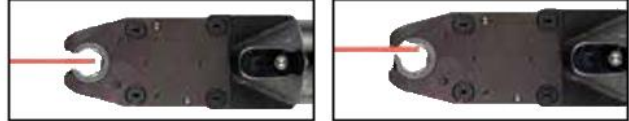
AEF4C 1-3/4" Sliding Spindle Model



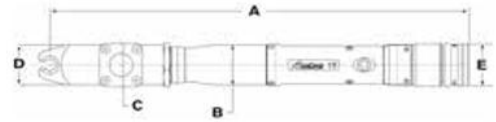
AEF4X Fixed 3/8" Sq. Dr. Model

## 1000 Series Tubenut Tools

- Durable tubenut head design
- Simple, one-touch back to open operation for maximum productivity
- Innovative Sensor Technology: Transducer senses resistance in the initial 90 degrees of rotation and returns to open upon resistance encountered



INNOVATIVE SAFETY SENSOR TECHNOLOGY: Tool returns to open upon resistance encountered in initial 90° of rotation.



## 1000 Series Tubenut Tools

1000 SERIES	MAX TORQUE		TORQUE RANGE		FREE SPEED RPM	WEIGHT (-) SOCKET		OUTPUT DRIVE		A		B		C		D		E	
	NM	FT-LB	NM	FT-LB		LB	KG	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM		
Tubenut Wide variety of socket sizes available																			
AET4AA12018B	14	13	3.6 - 14	2.7 - 11	516	3.1	1.41	1/4 - 7/16	7 - 12	15.4	391.5	1.47	37.3	1.57	40	1.46	37	1.56	39.6
AET4AB12025B	20	18	5 - 20	3.7 - 15	387	3.1	1.41	3/8 - 5/8	10 - 17	15.9	404.9	1.47	37.3	1.57	40	1.56	39.5	1.56	39.6
AET4AA12025B-KD	25	18	5 - 25	3.7 - 18	387	3.1	1.41	3/8 - 5/8	10 - 17	15.9	403.2	1.47	37.3	1.64	41.6	1.64	41.6	1.56	39.6
AET4AA12030B-KD	30	22	6 - 30	4.4 - 22	285	3.1	1.41	3/8 - 5/8	10 - 17	15.9	403.2	1.47	37.3	1.64	41.6	1.64	41.6	1.56	39.6



DESIGNED + MADE IN THE USA