



ACHIEVING ASSEMBLY EXCELLENCE
2024
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For more than 50 years, AIMCO has been working with manufacturers around the world. We are the complete global source for all critical fastening and bolting solutions. AIMCO can effectively and swiftly meet your needs whether you're in Tennessee, USA fastening a 3 mm nut at 3 Nm, or in Denmark servicing wind-turbine bolts at 17,000 Nm. AIMCO provides the tools and solutions, on a global scale, that guarantee the success of your project. It is with great pride that AIMCO can say the products that we manufacture are **DESIGNED AND ASSEMBLED IN THE USA.**

3000 SERIES

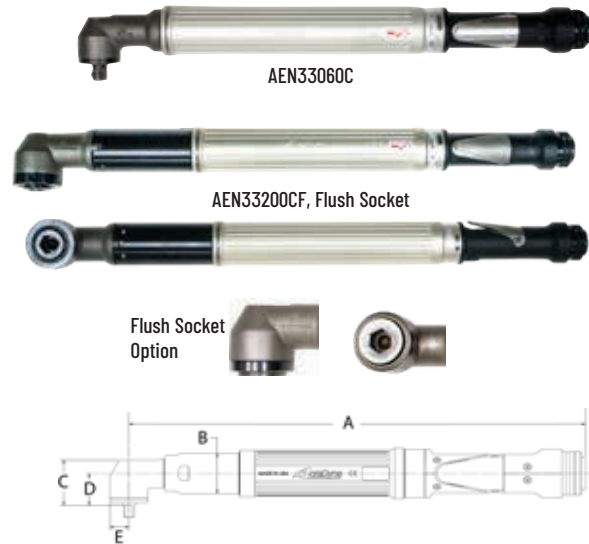
10 – 600 Nm

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



3000 Series Angle Tools

- Provides the perfect solution for space-limited applications
- 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
- Dual-Lever available on 60 – 375 Nm models



3000 Series Angle Tools

Model	Max Torque		Torque Range		Free Speed RPM	Weight (-) Socket		Output 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
3000 Series Add "F" to Part Numbers for Flush Socket DL = Dual Lever (V) = Extended Ergo-Drive Output W = Wobble Output Spindle																		
AEN33060C(F)(DL)(V)	60	44	12 - 60	9 - 44	845	6.6	2.99	1/2.	19.14	486.14	1.85	47	1.91	48.36	1.38	35.2	.83	21
AEN33090C(F)(DL)(V)(W)	90	66	18 - 90	13 - 66	568	6.6	2.99	1/2.	19.14	486.14	1.85	47	1.91	48.36	1.38	35.2	.83	21
AEN33120C(F)(DL)	120	89	24 - 120	18 - 88	442	9.3	4.22	1/2	21.22	539	1.85	47	2.78	71	2.08	53	1.05	27
AEN33200C(F)(DL)	200	148	40 - 200	29 - 147	245	9.4	4.26	3/4	23.43	595	1.85	47	2.54	65	1.84	47	1.05	27
AEN33210C(DL)	210	155	50 - 210	37 - 155	234	10.0	4.54	3/4	23.8	604.5	1.85	47	2.97	75	2.04	52	1.25	32
AEN33300C(DL)	300	221	60 - 300	42 - 221	151	10.0	4.54	3/4	23.72	602	1.85	47	2.97	75	2.04	52	1.25	32
AEN33375C(DL)	375	277	75 - 375	55 - 276	151	10.0	4.54	3/4	23.72	602	1.85	47	2.97	75	2.04	52	1.25	32

3000 Series Inline Tools

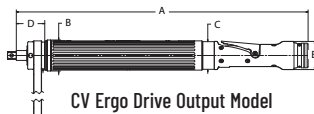
- Compact and durable, AcraDyne 3000 Series inline nutrunners are the ideal choice for fixtured fastening applications
- A uniform body diameter and a hex-shaped mounting point allow for simple installation into fixtured plates
- User modifiable reaction bar included with in-line tools for use in handheld applications
- Standard Square Drive or extended Ergo Drive output available on all models



AES33040CV



AES33060C-2



CV Ergo Drive Output Model



C-2 2" Sliding Spindle Model



400 Nm & 600 Nm Models with Standard Square Drive Output

3000 Series Inline Tools

Model	Max Torque		Torque Range		Free Speed RPM	Weight (-) Socket		Output 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
3000 Series (V) = Extended Ergo-Drive Output -2 = 2" sliding spindle																		
AES33040C(V)(-2)	40	30	8 - 40	5.9 - 30	1,314	6.4	2.90	1/2"	V = 18.46 -2 = 23.89	469 606.8	1.96	49.8	V = 1.75 -2 = 1.85	44.5 47	V = 1.8 -2 = 4.3	45.7 109.5	1.78	45.2
AES33060C(V)(-2)	60	44	12 - 60	8.9 - 44	883	6.4	2.90	1/2"	V = 18.46 -2 = 23.89	469 606.8	1.96	49.8	V = 1.75 -2 = 1.85	44.5 47	V = 1.8 -2 = 4.3	45.7 109.5	1.78	45.2
AES33100C(V)(-2)	100	74	20 - 100	15 - 74	489	8.1	3.67	1/2"	V = 22.78 -2 = 27.71	578.6 703.8	1.96	49.8	V = 1.75 -2 = 1.85	44.5 47	V = 6.11 -2 = 3.96	155.3 100.5	1.78	45.2
AES33150C(V)(-2)	150	111	30 - 150	22 - 111	329	8.1	3.67	1/2"	V = 22.78 -2 = 27.71	578.6 703.8	1.96	49.8	V = 1.75 -2 = 1.85	44.5 47	V = 6.11 -2 = 3.96	155.3 100.5	1.78	45.2
AES33230C(V)(-2)	185	137	46 - 185	34 - 137	221	8.1	3.67	1/2"	V = 22.78 -2 = 27.71	578.6 703.8	1.96	49.8	V = 1.75 -2 = 1.85	44.5 47	V = 6.11 -2 = 3.96	155.3 100.5	1.78	45.2
AES33400C	400	295	80 - 400	59 - 295	122	13.0*	5.90*	3/4"			2.64	67.1	1.85	47	1.19	30.12	1.78	45.2
AES33600C	600	443	120 - 600	89 - 443	82	13.0*	5.90*	3/4"			2.64	67.1	1.85	47	1.19	30.12	1.78	45.2

* Includes reaction bar and fixture nut

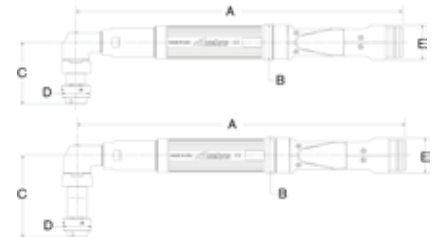
3000 Series Hold and Drive Tools

- 1" & 2" travel models available
- Sockets and holders are custom



1" Travel (C-1) Model

2" Travel (C-2) Model



3000 Series Hold and Drive Tools

Model*	Max Torque		Torque Range		Free Speed RPM	Weight (LB)	Min Socket Max Socket	(A)		(B)		(C)		(D)		(E)	
	NM	FT-LB	NM	FT-LB				IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
Hold & Drive (-1) = 1" Travel (-2) = 2" Travel																	
AEH33060C(-1)(-2)	60	44	12 - 60	9 - 44	845	-1 = 7.3 -2 = 7.5	9/16 (14 mm) 1-1/4 (32 mm)	19.1	485.1	1.85	47	-1 = 3.36 -2 = 4.37	85.3 111.1	1.88	47.6	1.78	45.2
AEH33090C(-1)(-2)	90	66	18 - 90	13 - 66	568	-1 = 7.3 -2 = 7.6	9/16 (14 mm) 1-1/4 (32 mm)	16.79	426.5	1.85	47	-1 = 3.36 -2 = 4.37	85.3 111.1	1.88	47.6	1.78	45.2
AEH33120C(-1)(-2)	120	89	24 - 120	18 - 89	442	-1 = 10.0 -2 = 10.3	5/8 (15 mm) 1-1/4 (32 mm)	21.22	539.1	1.85	47	-1 = 4.09 -2 = 5.09	103.8 129.2	2.25	57.2	1.78	45.2

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

5000 SERIES

20 – 635 Nm

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

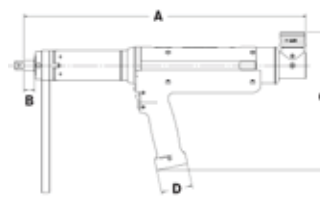


5000 Series Pistol Tools

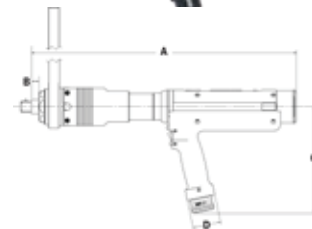
- Bottom and top exit models, as well as push-to start models available
- Ergo drive available on 75 – 170 Nm models
- Programmable Multi-Function Button: One single button facilitates several distinctly different tasks



Extended Ergo Drive
Bottom Exit (AV) Model



Extended Ergo Drive
Top Exit (AVT) Model



Standard Square Drive
Bottom Exit (A) Model

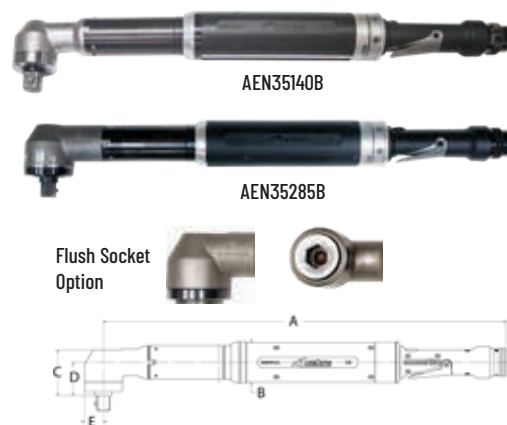
5000 Series Pistol Tools

Model	Max Torque		Torque Range		Free Speed RPM	Weight (-) Socket		Output SQ DR	(A)		(B)		(C)		(D)	
	NM	FT-LB	NM	FT-LB		LB	KG		IN	MM	IN	MM	IN	MM	IN	MM
5000 Series	V = Extended Ergo-Drive Output		T = Top Exit Models													
AEP35075AV(T)	75	55	19 - 75	14 - 55	944	9.2	4.17	1/2	AV = 15.95 AVT = 16.83	405.2 427.4	.68	17.4	AV = 7.44 AVT = 8.63	188.9 219	1.96	49.7
AEP35090AV(T)	90	66	23 - 90	17 - 66	767	9.2	4.17	1/2	AV = 15.95 AVT = 16.83	405.2 427.4	.68	17.4	AV = 7.44 AVT = 8.63	188.9 219	1.96	49.7
AEP35110AV(T)	110	81	28 - 110	21 - 81	634	9.2	4.17	1/2	AV = 15.95 AVT = 16.83	405.2 427.4	.68	17.4	AV = 7.44 AVT = 8.63	188.9 219	1.96	49.7
AEP35135AV(T)	135	99	34 - 135	25 - 99	515	9.2	4.17	1/2	AV = 15.95 AVT = 16.83	405.2 427.4	.68	17.4	AV = 7.44 AVT = 8.63	188.9 219	1.96	49.7
AEP35170AV(T)	170	125	43 - 170	32 - 125	418	9.2	4.17	1/2	AV = 15.95 AVT = 16.83	405.2 427.4	.68	17.4	AV = 7.44 AVT = 8.63	188.9 219	1.96	49.7
AEP35280A(T)	280	206	70 - 280	52 - 207	236	13.6	6.17	3/4	A = 18.51 AT = 19.41	470.3 493.1	.52	13.1	A = 7.44 AT = 8.59	188.9 217.9	1.96	49.7
AEP35350A(T)	350	258	88 - 350	65 - 258	192	13.6	6.17	3/4	A = 18.51 AT = 19.41	470.3 493.1	.52	13.1	A = 7.44 AT = 8.59	188.9 217.9	1.96	49.7
AEP35420A(T)	420	310	105 - 420	78 - 310	159	13.6	6.17	3/4	A = 18.51 AT = 19.41	470.3 493.1	.52	13.1	A = 7.44 AT = 8.59	188.9 217.9	1.96	49.7
AEP35515A(T)	515	380	128 - 515	95 - 380	129	13.6	6.17	3/4	A = 18.51 AT = 19.41	470.3 493.1	.52	13.1	A = 7.44 AT = 8.59	188.9 217.9	1.96	49.7
AEP35635A(T)(R)	635	468	159 - 635	117 - 469	104	13.6	6.17	3/4	A = 18.51 AT = 19.41	470.3 493.1	.52	13.1	A = 7.44 AT = 8.59	188.9 217.9	1.96	49.7

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

5000 Series Angle Tools

- Provides the perfect solution for space-limited applications. 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



5000 Series Angle Tools

Model	Max Torque		Torque Range		Free Speed RPM	Weight (-) Socket		Output SQ. DR	(A)		(B)		(C)		(D)		(E) B models only	
	NM	FT-LB	NM	FT-LB		LB	KG		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
5000 Series	Add "F" to Part Numbers for Flush Socket																	
AEN35090B(F)	90	66	23 - 90	17 - 66	607	6.9	3.13	1/2	22.63	574.8	2.31	58.7	1.91	48.6	1.38	35.2	.81	20.6
AEN35140B(F)	140	103	35 - 140	26 - 103	472	10.4	4.72	3/4	22.56	573	2.31	58.7	2.54	64.6	1.84	46.8	1.05	26.7
AEN35175B(F)	175	129	44 - 175	33 - 129	384	10.5	4.76	3/4	22.56	573	2.31	58.7	2.54	64.6	1.84	46.8	1.05	26.7
AEN35210BF	210	155	52 - 210	38 - 155	317	12.3	5.58	3/4	22.56	573	2.31	58.7	2.4	61	1.7	43.2	-	-
AEN35225B(F)	225	166	56 - 225	41 - 166	291	12.3	5.58	3/4	22.92	582.2	2.31	58.7	2.86	72.6	1.94	49.1	1.25	31.8
AEN35285B(F)	285	210	71 - 285	52 - 210	236	12.3	5.58	3/4	22.92	582.2	2.31	58.7	2.86	72.6	1.94	49.1	1.25	31.8
AEN35350B(F)	350	258	88 - 350	65 - 258	191	12.3	5.58	3/4	22.92	582.2	2.31	58.7	2.86	72.6	1.94	49.1	1.25	31.8

5000 Series Inline Tools

- Compact and durable, AcraDyne 5000 Series inline nutrunners are the ideal choice for fixtured fastening applications
- A uniform body diameter and a hex-shaped mounting point allow for simple installation into fixtured plates
- User modifiable reaction bar included with in-line tools for use in handheld applications
- Standard Square Drive or extended Ergo Drive output available on all models



5000 Series Inline Tools

Model	Max Torque		Torque Range		Free Speed RPM	Weight (-) Socket		Output 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
5000 Series	V = Extended Ergo-Drive Output																	
AES35075AV	75	55	19 - 75	14 - 55	944	9.2	4.17	1/2	21.9	556.3	1.85	47	2.31	58.7	.68	17.4	1.78	45.2
AES35090AV	90	66	23 - 90	17 - 66	767	9.2	4.17	1/2	21.9	556.3	1.85	47	2.31	58.7	.68	17.4	1.78	45.2
AES35110AV	110	81	28 - 110	21 - 81	634	9.2	4.17	1/2	21.9	556.3	1.85	47	2.31	58.7	.68	17.4	1.78	45.2
AES35135AV	135	100	34 - 135	25 - 100	515	9.2	4.17	1/2	21.9	556.3	1.85	47	2.31	58.7	.68	17.4	1.78	45.2
AES35170AV	170	126	43 - 170	32 - 126	418	9.2	4.17	1/2	21.9	556.3	1.85	47	2.31	58.7	.68	17.4	1.78	45.2
AES35280A	280	207	70 - 280	52 - 207	236	12.8	5.81	3/4	24.33	618.2	2.31	58.7	2.64	67.1	.52	13.1	1.78	45.2
AES35350A	350	258	88 - 350	65 - 258	192	12.8	5.81	3/4	24.33	618.2	2.31	58.7	2.64	67.1	.52	13.1	1.78	45.2
AES35420A	420	310	105 - 420	78 - 310	159	12.8	5.81	3/4	24.33	618.2	2.31	58.7	2.64	67.1	.52	13.1	1.78	45.2
AES35515A	515	380	128 - 515	95 - 380	129	12.8	5.81	3/4	24.33	618.2	2.31	58.7	2.64	67.1	.52	13.1	1.78	45.2
AES35635A	635	469	159 - 635	117 - 469	104	12.8	5.81	3/4	24.33	618.2	2.31	58.7	2.64	67.1	.52	13.1	1.78	45.2

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

5000 Series Fixtured Tools

- Rear & bottom exit available
- Standard Square Drive, Extended Ergo Drive, or 1/4" Quick Change outputs available in most models
- Models available with 1/2" fixed sq. dr., 3/4" fixed sq. dr., and 2" sliding spindle



AEF35135AV
Extended Ergo Drive, Rear Exit Model



AEF35350A
Standard Spindle, Rear Exit Model



AEF35135AVB
Extended Ergo Drive, Bottom Exit Model

5000 Series Fixtured Tools

Model	Max Torque		Torque Range		Free Speed RPM	Weight (-) Socket		Output SO. DR.
	NM	FT-LB	NM	FT-LB		LB	KG	
5000 Series								
(V) = Extended Ergo Drive Output (VB) = Extended Output with Bottom Exit Cable (B) = Bottom Exit Cable (-2) = 2" Sliding Spindle with Rear Exit Cable (B-2) = 2" Sliding Spindle with Bottom Exit Cable								
AEF35075A(V)(VB)(-2)(B-2)	75	55	19 - 75	14 - 55	944	9.6	4.35	1/2"
AEF35090A(V)(VB)(-2)(B-2)	90	66	23 - 90	17 - 66	767	9.6	4.35	1/2"
AEF35110A(V)(VB)(-2)(B-2)	110	81	28 - 110	21 - 81	634	9.6	4.35	1/2"
AEF35135A(V)(VB)(-2)(B-2)	135	100	34 - 135	25 - 100	515	9.6	4.35	1/2"
AEF35170A(V)(VB)	170	125	43 - 170	32 - 125	418	9.6	4.35	1/2"
AEF35170A(-2)(B-2)	170	125	43 - 170	32 - 125	418	9.6	4.35	3/4"
AEF35280A*	280	207	70 - 280	52 - 207	236	13.6	6.17	3/4"
AEF35350A*	350	258	88 - 350	65 - 258	192	13.6	6.17	3/4"
AEF35420A*	420	310	105 - 420	77 - 310	159	13.6	6.17	3/4"
AEF35515A*	515	380	128 - 515	95 - 380	129	13.6	6.17	3/4"
AEF35635A*	635	469	159 - 635	117 - 469	104	13.6	6.17	3/4"

* Item 28843 is a panel mount 2" sliding spindle for 280 - 635 Nm models.



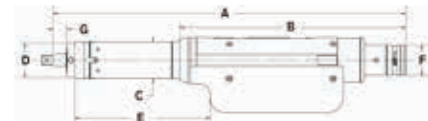
AEF35135A-2
2" Sliding Spindle, Rear Exit Model



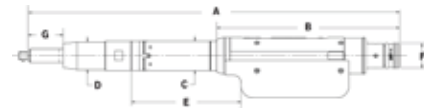
AEF35135AB-2
2" Sliding Spindle, Bottom Exit Model

5000 Series Fixtured Tool Dimensions

MODEL	(A)		(B)		(C)		(D)		(E)		(F)		(G)	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
Standard Spindle Models														
AEF35280A	20.5	520	11.6	293	2.1	54	2.6	67	9.3	236	1.6	40	.5	13
AEF35350A	20.5	520	11.6	293	2.1	54	2.6	67	9.3	236	1.6	40	.5	13
AEF35420A	20.5	520	11.6	293	2.1	54	2.6	67	9.3	236	1.6	40	.5	13
AEF35515A	20.5	520	11.6	293	2.1	54	2.6	67	9.3	236	1.6	40	.5	13
AEF35635A	20.5	520	11.6	293	2.1	54	2.6	67	9.3	236	1.6	40	.5	13
Extended Ergo Drive Output Models														
AEF35075AV	18	458	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	.7	18
AEF35090AV	18	458	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	.7	18
AEF35110AV	18	458	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	.7	18
AEF35135AV	18	458	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	.7	18
AEF35170AV	18	458	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	.7	18
2" Sliding Spindle with Rear Exit Cable Models														
AEF35075A-2	23.5	596	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	2.2	57
AEF35090A-2	23.5	596	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	2.2	57
AEF35110A-2	23.5	596	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	2.2	57
AEF35135A-2	23.5	596	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	2.2	57
AEF35170A-2	23.5	596	11.6	293	1.9	47	1.8	44	6.9	176	1.6	40	2.2	57



Extended Ergo Drive Output (AV) Models



2" Sliding Spindle (A-2) Models

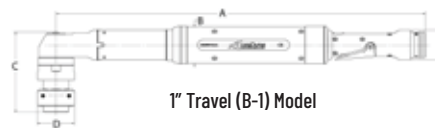


Standard Spindle (A) Models

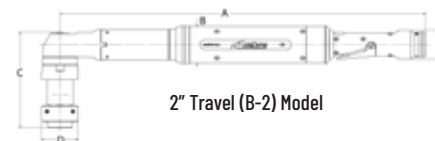
*E logo indicates where ERGO-DRIVE sockets/extensions benefit tool operation.

5000 Series Hold-and-Drive Tools

- Torques ranging from 90 Nm – 350 Nm
- Very robust design
- 1" and 2" travels are standard
- Sockets and holders are custom



1" Travel (B-1) Model



2" Travel (B-2) Model

5000 Series Hold and Drive Tools

Model*	Max Torque		Torque Range		Free Speed RPM	Weight (LB)	Min Socket	Max Socket	(A)		(B)		(C)		(D)		(E)	
	NM	FT-LB	Nm	FT-LB					IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
Hold & Drive	(-1) = 1" Travel		(-2) = 2" Travel															
AEH35090B(-1)(-2)	90	66	23 - 90	17 - 66	607	-1 = 7.6 -2 = 7.9	9/16 (14 mm) 1-1/4 (32 mm)		22.63	574.8	2.31	58.7	-1 = 4.02 -2 = 4.96	102.1 126	1.88	47.6	1.78	45.2
AEH35140B(-1)(-2)	140	103	35 - 140	26 - 103	472	-1 = 10.6 -2 = 11.0	5/8 (15 mm) 1-1/4 (32 mm)		22.56	572.9	2.31	58.7	-1 = 4.87 -2 = 5.87	123.7 149.1	2.25	57.15	1.78	45.2
AEH35175B(-1)(-2)	175	129	44 - 175	33 - 129	384	-1 = 10.6 -2 = 11.1	5/8 (15 mm) 1-1/4 (32 mm)		22.52	571.9	2.31	58.7	-1 = 4.87 -2 = 5.87	123.7 149.1	2.25	57.15	1.78	45.2
AEH35225B(-1)(-2)	225	166	56 - 225	41 - 166	291	-1 = 12.9 -2 = 13.3	3/4 (19 mm) 1-1/4 (32 mm)		22.92	582.2	2.31	58.7	-1 = 5.52 -2 = 6.52	140.1 165.5	2.63	66.7	1.78	45.2
AEH35285B(-1)(-2)	285	210	71 - 285	52 - 210	236	-1 = 12.9 -2 = 13.3	3/4 (19 mm) 1-1/4 (32 mm)		22.92	582.2	2.31	58.7	-1 = 5.52 -2 = 6.52	140.1 165.5	2.63	66.7	1.78	45.2
AEH35350B(-1)(-2)	350	258	88 - 350	65 - 258	191	-1 = 12.9 -2 = 13.3	3/4 (19 mm) 1-1/4 (32 mm)		22.92	582.2	2.31	58.7	-1 = 5.52 -2 = 6.52	140.1 165.5	2.63	66.7	1.78	45.2

SPECIALTY GEARHEADS

AIMCO can provide specialized heads for most any application. Tubenut, Hold and Drive, Crow Foot, Offsets, and Sliding Spindles are just a few of the head styles available. Whatever the requirements, AIMCO will recommend the head configuration that will get the job done successfully.

Contact an AIMCO Customer Service Associate for more details, 1-503-254-6600, or toll free 1-800-852-1368.



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