



## HIGH CAPABILITY BOLTING TOOLS



THE DRIVING FORCE IN CRITICAL BOLTING

**HIGH CAPA**  
The Most Advanced Coll

Since 1970, **AIMCO** has been providing Global Assembly and Critical Bolting Tooling solutions for the Automotive, Electronics, Aerospace, Energy Services, and General Assembly Industries.

Headquartered in Portland, Oregon, **AIMCO** has become a leading importer and exporter of industrial power tools. **AIMCO** currently exports to over 33 countries including Mexico, Brazil, Germany, France, Korea, China, the UK, India, Denmark, and most recently in Russia.

In 1999, AIMCO began manufacturing its **AcraDyne®** line, which produces a complete line of D/C Controlled Tools and custom built multiple spindle systems. Our service, repair, and calibration labs provide fast turnaround on repairs; additionally, all electronic torque equipment meets NIST standards.

If **Productivity, Ergonomics, Reliability, and Quality** are driving forces in your business, then let **AcraDyne®** be your value-added partner. **AcraDyne®** provides cost effective solutions for our customers by resolving challenges related to tightening and critical bolting strategies, tool selection and installation, joint failure analysis, audit trails, and methods. This, combined with operator training, maximizes the production efficiencies our tools provide.

**AcraDyne®** produces a complete line of D/C Controlled Tools as well as custom built multiple spindle systems ranging from approximately .5 to 8,100 Nm. **All Made in the USA.**

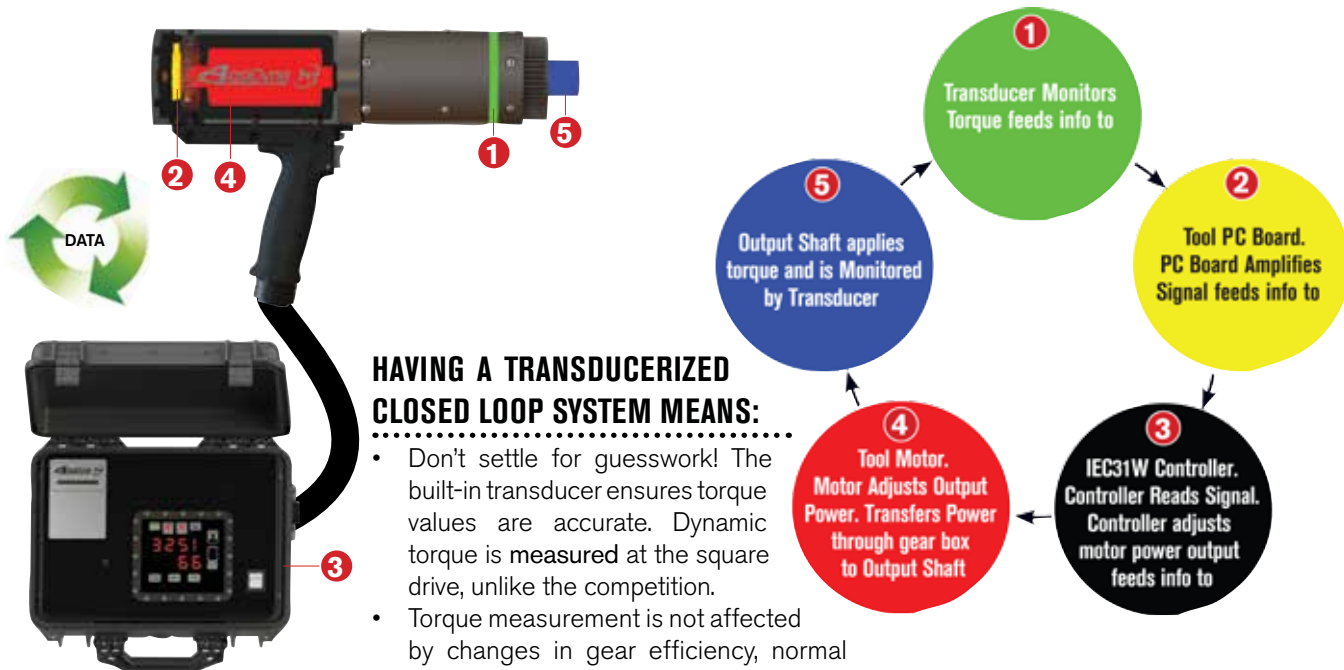
Our strategically located sales force, coupled with our worldwide distribution, make **AcraDyne®** the right choice for you.

**ISO 9001: 2015 Certified**





*The Driving Force in Critical Bolting*



**CHOOSE YOUR HANDLE**



# AcraDyne<sup>®</sup> HT HIGH TORQUE DC TOOLS

DC A Division of AlMach

Critical bolting demands tools that deliver high torque with superior performance. Couple with AcraDyne's Controller, the HT Series tools combine these features in an electric, high-torque bolting system that beats the competition in accuracy, speed, and safety.

## FEATURES AND BENEFITS

- One of the most accurate high-torque tools in the world today
- Up to 100 times faster than hydraulic tools
- 250 Nm – 12,000 Nm
- Ergonomic, robust design with five handle configurations
- Over 300 models to choose from
- Built-in integral transducer for optimal monitoring and control
- The world's ONLY traceable system at the square drive
- Data retrieval
- Designed and **MADE IN THE USA**



Straight Lever Type (AES)



Pistol Type (AEP)



Rear Mounted Pistol (AED)



Axial Type (AEJ)



Fixtured Type (AEF)

FIXED GEARCASE MODEL*	SERIES	APPROX. TORQUE		APPROX. SPEED rpm	WEIGHT		LENGTH		DIA.		DRIVE in	SOUND LEVEL dBA
		Nm	ft-lb		kg	lb	mm	in	mm	in		
(AEP) (AED) (AES) (AEJ) (AEF)4A66250B	6000	250	185	315	4.6	10.5	254	10	66	2.6	0.75	66
(AEP) (AED) (AES) (AEJ) (AEF)4A66425B	6000	425	315	165	4.6	10.5	254	10	66	2.6	0.75	66
(AEP) (AED) (AES) (AEJ) (AEF)4A66625B	6000	625	460	106	4.8	10.5	254	10	66	2.6	0.75	66
(AEP) (AED) (AES) (AEJ) (AEF)4A66925B	6000	925	682	72	4.8	10.5	254	10	66	2.6	0.75	66
(AEP) (AED) (AES) (AEJ) (AEF)4A771200B	7000	1,200	885	65	6.6	14.5	259	10.2	76	3.0	1	66
(AEP) (AED) (AES) (AEJ) (AEF)4A773000B	7000	3,000	2,213	25	7.5	16.5	294	11.6	76	3.0	1	66
(AEP) (AED) (AES) (AEJ) (AEF)4A884200B1	8000	4,200	3,100	12	11.1	24.5	340	13.4	86	3.6	1	66
(AEP) (AED) (AES) (AEJ) (AEF)4A884200B	8000	4,200	3,100	12	11.1	24.5	340	13.4	86	3.6	1.5	66
(AEP) (AED) (AES) (AEJ) (AEF)4A885000B	8000	5,000	3,700	9	11.1	24.5	340	13.4	86	3.6	1.5	66
(AEP) (AED) (AES) (AEJ) (AEF)4A896500B	8000/9000	6,500	4,800	7	15.7	34.5	378	14.9	101	4.0	1.5	66
(AEP) (AED) (AES) (AEJ) (AEF)4A898100B	8000/9000	8,100	6,000	5	15.7	34.5	378	14.9	101	4.0	1.5	66
(AEP) (AEJ)4A8X12000B	8000/9000	12,000	8,850	3.5	23.0	51.0	526	21	131	5.2	1.5	66

\* Add "B" to the end of the model number for bottom exit cable (AEF fixtured models only).

CLUTCHED MODEL	SERIES	APPROX. TORQUE		APPROX. SPEED rpm	WEIGHT		LENGTH		DIA.		DRIVE in	SOUND LEVEL dB(A)
		Nm	ft-lb		kg	lb	mm	in	mm	in		
(AEP) (AEJ)4B66250B	6000	250	185	315	5.3	12	305	12	66	2.6	0.75	66
(AEP) (AEJ)4B66425B	6000	425	315	165	5.3	12	305	12	66	2.6	0.75	66
(AEP) (AEJ)4B66625B	6000	625	460	106	5.5	12	305	12	66	2.6	0.75	66
(AEP) (AEJ)4B66925B	6000	925	682	72	5.5	12	305	12	66	2.6	0.75	66
(AEP) (AEJ)4B771200B	7000	1200	885	65	7.3	16	310	12.2	76	3.0	1	66
(AEP) (AEJ)4B773000B	7000	3,000	2,213	25	8.2	18	345	13.6	76	3.0	1	66
(AEP) (AEJ)4B884200B1	8000	4,200	3,100	12	11.8	26	391	15.4	86	3.6	1	66
(AEP) (AEJ)4B884200B	8000	4,200	3,100	12	11.8	26	391	15.4	86	3.6	1.5	66
(AEP) (AEJ)4B885000B	8000	5,000	3,700	9	11.8	26	391	15.4	86	3.6	1.5	66
(AEP) (AEJ)4B896500B	8000/9000	6,500	4,800	7	16.4	36	429	16.9	101	4.0	1.5	66
(AEP) (AEJ)4B898100B	8000/9000	8,100	6,000	5	16.4	36	429	16.9	101	4.0	1.5	66
(AEP) (AEJ)4B8X12000B	8000/9000	12,000	8,850	3.5	24.0	52.5	564	22	131	5.2	1.5	66

*Providing Unmatched Accuracy*

**FEATURES AND BENEFITS**

- Transducerized closed loop control at the output like all AcraDyne HT-Series tools
- These low-profile head, small-diameter, lever-operated tools, with the torque measured at the output, offer a unique solution
- The torque reported is the torque delivered
- One of the most accurate high-torque right-angle tools in the world
- Smallest tools of their kind on the market
- Same durable, high-cycle gearing as our other HT-series tools
- Models up to 12,000 Nm available upon request



**AEN3571000A**



**AEN356540A**



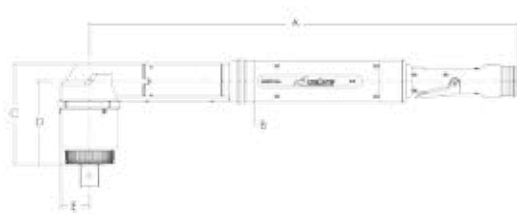
**AEN3571600A**



**AEN3572600A**

**SPECIFICATIONS**

MODEL	MAX. TORQUE*		TORQUE RANGE		FREE SPEED RPM	WEIGHT		OUTPUT DRIVE
	nm	ft.-lbs.	nm	ft.-lbs.		lbs.	kg	
AEN356540A	540	398	135-540	100-398	109	13.1	5.95	3/4" Square Drive
AEN3571000A	1000	737	250-1000	184-737	61	16.3	7.39	1" Square Drive
AEN3571600A	1600	1180	400-1600	295-1180	33	16.7	7.57	1" Square Drive
AEN3572600A	2600	1917	650-2600	479-1917	21	18.5	8.40	1" Square Drive

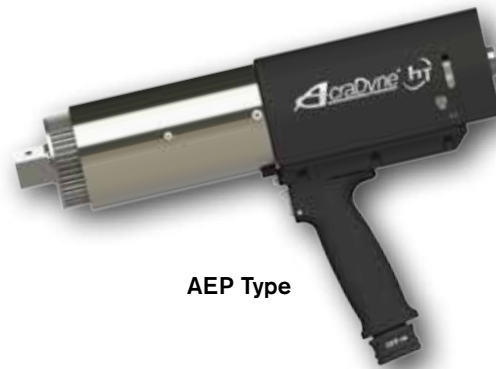


DIMENSIONS	A		B		C		D		E	
	in	mm	in	mm	in	mm	in	mm	in	mm
AEN356540A	22.58	573.6	2.31	58.7	4.75	120.6	4.05	102.8	1.33	33.7
AEN3571000A	22.92	582.2	2.31	58.7	5.36	136.1	4.44	112.7	1.53	38.7
AEN3571600A	22.92	582.2	2.31	58.7	5.36	136.1	4.44	112.7	1.53	38.7
AEN3572600A	22.92	582.2	2.31	58.7	6.77	171.9	5.86	148.8	1.53	38.7

## DUAL LEVER TOOLS

### FEATURES AND BENEFITS

- Additional safety when using a tool with a reaction bar or nose extension
- Requires both hands to start the tool, keeping hands clear of application
- Helps avoid accidental starting of the tool
- Available in three handle types: "Handle Bar" (F) style, Straight (S) style with side handle, and Pistol (P) style



**AEP Type**

MODEL* (HANDLE TYPE)	SERIES	APPROX. TORQUE		APPROX. SPEED	WEIGHT		LENGTH		DIA.		DRIVE in	SOUND LEVEL dB(A)
		Nm	ft-lb	rpm	kg	lb	mm	in	mm	in		
AE(S)(F)(P)4(A)(B)66250	6000	250	185	315	4.6	10.5	254	10	66	2.6	0.75	66
AE(S)(F)(P)4(A)(B)66425BDL	6000	425	315	165	4.6	10.5	254	10	66	2.6	0.75	66
AE(S)(F)(P)4(A)(B)66625BDL	6000	625	460	106	4.8	10.5	254	10	66	2.6	0.75	66
AE(S)(F)(P)4(A)(B)66925BDL	6000	925	682	72	4.8	10.5	254	10	66	2.6	0.75	66
AE(S)(F)(P)4(A)(B)771200BDL	7000	1,200	885	65	6.6	14.5	259	10.2	76	3.0	1	66
AE(S)(F)(P)4(A)(B)773000BDL	7000	3,000	2,213	25	7.5	16.5	294	11.6	76	3.0	1	66
AE(S)(F)(P)4(A)(B)884200B1DL	8000	4,200	3,100	12	11.1	24.5	340	13.4	86	3.6	1	66
AE(S)(F)(P)4(A)(B)884200BDL	8000	4,200	3,100	12	11.1	24.5	340	13.4	86	3.6	1.5	66
AE(S)(F)(P)4(A)(B)885000BDL	8000	5,000	3,700	9	11.1	24.5	340	13.4	86	3.6	1.5	66
AE(S)(F)(P)4(A)(B)896500BDL	8000/9000	6,500	4,800	7	15.7	34.5	378	14.9	101	4.0	1.5	66
AE(S)(F)(P)4(A)(B)898100BDL	8000/9000	8,100	6,000	5	15.7	34.5	378	14.9	101	4.0	1.5	66
AEF4(A)(B)8912000BDL	8000/9000	12,000	8,850	3.5	23.0	51.0	526	21	131	5.2	1.5	66

\* The fifth digit of the model number is "A" for fixed gearcase models and "B" for clutched gearcase models.

- Above data is for clutched gearcase models. For non-clutched models, reduce weight by 1.5 lb (0.7 kg) and length by 2 in (51 mm).

- For Straight Type tools Choose the position of the handle by adding (L) for left side and (R) for right side



**AEF Type**



**AES Type**

## HT GEARHEAD TOOLS

### FEATURES AND BENEFITS

- Custom made to fit virtually any application
- Same durable gearing as found on AcraDyne's standard HT series tools
- Model types available:
  - HT Offset Gearhead tools
  - HT Right Angle with Offset Gearhead tools
  - HT Right Angle Air tools with Offset Gearhead



## NOSE EXTENSIONS

### FEATURES AND BENEFITS

- Ideal for hard-to-reach applications when a torque tube, or arm, is not desirable
- A cost-effective, more flexible option compared to a multiple spindle system
- Common applications:
  - Wheel install and repair stations
  - Large flange assembly





# ACRADYNE® HT SERIES – CONTROLLER

AcraDyne's iEC controller is reliable, easy to operate, and is self-contained in its own weatherproof, rugged case to protect it from the toughest of environments.

## FEATURES AND BENEFITS

- Data Storage – Up to 2,040 rundowns stored on board.
- Firmware – Custom-designed operating system means no licensing fees.
- Parameter Set Select and Indication – Change between 32 jobs with one touch.
- Tool Calibration Routines – Stores the calibration directly in the tool's memory for easy plug and play into any HT Series Controller.
- Programmable Calibration and Service Interval Alerts – Configure alerts to indicate when service or calibration is due based on the number of cycles, or months, since the last service or calibration.
- Real Time Clock – For time and date stamping rundown information and other logged data.
- Graphing Capabilities – Track and monitor tightening strategies.
- Multiple Fastening Strategies – Program up to 32 parameter sets to handle 32 different torques and joint types.
- **CE** Compliant

## CONTROL STRATEGIES (CW OR CCW)

- Torque Control (TC) – Provides target torque with high and low limits with simple pass or fail criteria for tightening threaded fasteners.
- Torque Control with Angle Monitoring (TC/AM) – Allows user to monitor angle, rotation, and detect any changes in the joint rate which would indicate process problems.
- Torque Monitoring with Angle Control (TM/AC) – Controls the amount of fastener rotation during tightening while also viewing applied torque.

MODEL	DESCRIPTION
IEC31W-110V	Field use controller for use with 110VAC input power
IEC31W-220V	Field use controller for use with 220VAC input power



iEC31W Model

## ACCURATE

- Controlled tightening improves quality.
- Process controls ensure no missed fasteners, stripped threads, rehits or damaged threads.
- Reduces human error.
- Consistent torque control.
- No premature shut-off.

## RELIABLE

- No guessing, just reliable and accurate bolting.
- Automatically set your torque and reduce operator error.
- No counting required.
- Collect and analyze your production data.

## PRODUCTIVE

- Increased productivity means increased profits.
- Replace multiple conventional tools with one controlled system.
- Flexible

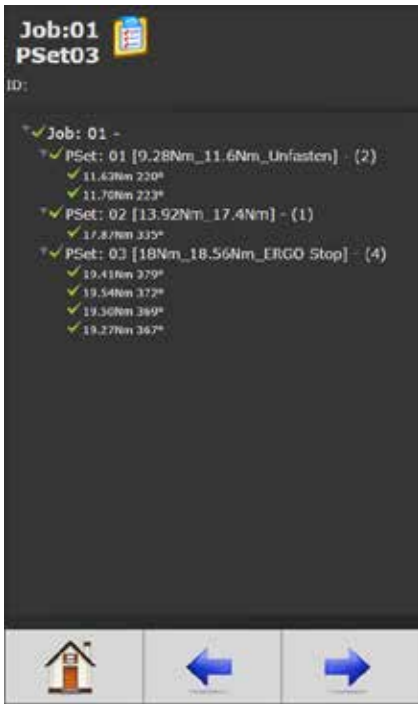




## SOFTWARE

AcraDyne's software package is on-board every AcraDyne controller and is provided FREE of charge. This comprehensive, user-friendly program allows programming, analysis, and diagnostics.

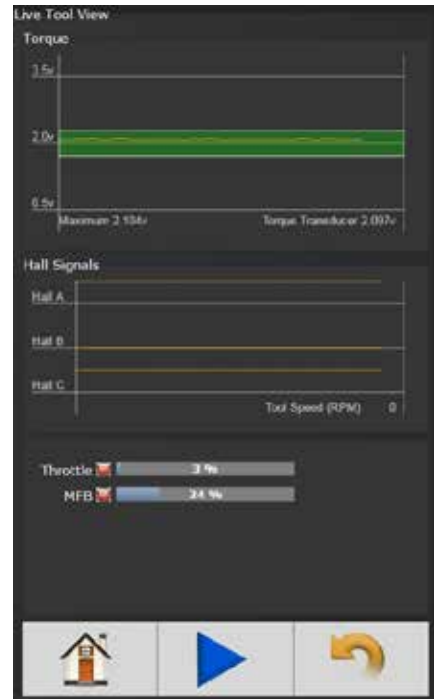
The software is based on a standard web browser, allowing you to connect the AcraDyne controller with any computer, tablet, or smart device. Connect through Ethernet, USB, or wirelessly via a network connected to both devices.



Adding and editing Parameter Sets (256) and Jobs (99) is easy and intuitive in the parameter set up function.



View curve results in real time or view stored results. As many as 10,000 curve results can be stored in memory.



Tool programming and diagnostics for repair, calibration and advanced troubleshooting.



Choose from several run screens that display easy to view, large screen indicators.



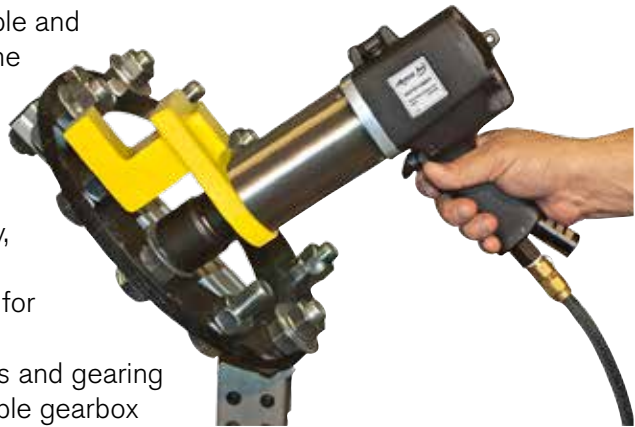
# HIGH TORQUE PNEUMATIC BOLTING TOOLS

*Unmatched accuracy through precision engineering and design*

## FEATURES AND BENEFITS

AcraDyne's High Torque Pneumatic Bolting Tools offer a reliable and dependable solution for the installation and removal of heavy-duty fasteners. Appropriate for use in industries requiring high torque capability, accuracy, power, and safety.

- Modular design allows for ease of maintenance
- Interchangeable motors and gearing
- Same proven and reliable gearbox as the AcraDyne DC line
- One-hand reverse



**AAP1B66600A**



**AAP1B76950A**



**AAP1B772000A**



**AAP1B885100A**



MODEL	TORQUE (Nm)	TORQUE (Ft-lb)	SPEED (rpm)	WEIGHT (lb)	SQUARE DR. (in)	AIR CONSUMPTION (CFM)
AAP1B66400A	400	300	57	9.75	3/4	22.9
AAP1B66600A	600	450	39	9.75	3/4	22.9
AAP1B66850A	850	625	27	9.75	3/4	22.9
AAP1B76950A	950	700	31	10.4	3/4	26.3
AAP1B771350A	1350	1000	22	10.4	1	26.3
AAP1B772000A	2000	1475	14	12.7	1	26.3
AAP1B772950A	2950	2175	9	14.9	1	26.3
AAP1B885100A	5100	3775	8	23	1-1/2	31.5

## AIR PREPARATION UNITS

Many stacking filter/regulator combinations are available. See page 130 for options.



**AFRL-4**



**AFRL-4HTA Standalone Unit**

**28178 HT Air Tool/AFRL Carrying Kit**





# MANUAL PRESET TORQUE WRENCHES

## FEATURES AND BENEFITS

- Easy-to-use preset wrenches for fastener torque auditing.
- Torque ranges from 5 – 340 Nm.
- User friendly, sleek, ergonomic design.
- Tactile feedback on achievement of preset torque.
- Proprietary adjustment tool guards against unauthorized setting changes.
- Wide range of interchangeable heads provide flexibility and convenience.
- +/- 3% accuracy when used in clockwise or counterclockwise directions.



Preset Wrenches	Description
APTW-200	Auditor Preset Torque Wrench, 40 - 200 Nm, Accepts 14 mm Inserts
APTW-340	Auditor Preset Torque Wrench, 60 - 340Nm, Accepts 14 mm Inserts

Ratchet and Square Drive Heads	Description
APTH-14RT50	Auditor Preset Torque Wrench Ratchet Insert, 1/2 SQ DR, 14 mm
APTH-14RT34	Auditor Preset Torque Wrench Ratchet Insert, 3/4 SQ DR, 14 mm
APTH-14SD50	Auditor Preset Torque Wrench SQ DR Insert, 1/2 SQ DR, 14 mm

Open End Heads	Description
APTH-140E13	Auditor Preset Torque Wrench Insert 13 mm OE, 14 mm
APTH-140E14	Auditor Preset Torque Wrench Insert 14 mm OE, 14 mm
APTH-140E15	Auditor Preset Torque Wrench Insert 15 mm OE, 14 mm
APTH-140E16	Auditor Preset Torque Wrench Insert 16 mm OE, 14 mm
APTH-140E17	Auditor Preset Torque Wrench Insert 17 mm OE, 14 mm
APTH-140E18	Auditor Preset Torque Wrench Insert 18 mm OE, 14 mm
APTH-140E19	Auditor Preset Torque Wrench Insert 19 mm OE, 14 mm
APTH-140E21	Auditor Preset Torque Wrench Insert 21 mm OE, 14 mm
APTH-140E22	Auditor Preset Torque Wrench Insert 22 mm OE, 14 mm
APTH-140E24	Auditor Preset Torque Wrench Insert 24 mm OE, 14 mm
APTH-140E27	Auditor Preset Torque Wrench Insert 27 mm OE, 14 mm
APTH-140E30	Auditor Preset Torque Wrench Insert 30 mm OE, 14 mm
APTH-140E32	Auditor Preset Torque Wrench Insert 32 mm OE, 14 mm
APTH-140E34	Auditor Preset Torque Wrench Insert 34 mm OE, 14 mm
APTH-140E36	Auditor Preset Torque Wrench Insert 36 mm OE, 14 mm
APTH-140E38	Auditor Preset Torque Wrench Insert 38 mm OE, 14 mm
APTH-140E41	Auditor Preset Torque Wrench Insert 41 mm OE, 14 mm

# DynaTorque **MANUAL TORQUE MULTIPLIERS**



## FEATURES AND BENEFITS

Manual Torque Multipliers offer the perfect, economical solution to high torque bolting applications.

- Superior power to weight ratio.
- Delivered torque accuracy +/- 4%.
- Anti-Wind Up feature (2,800 NM models and up).
- True Torque Multiplication Ratios.
- Standard Reaction Arms supplied. Custom reaction arms/nose extensions available to suit specific applications.
- Replaces long lever arms and/or slugging wrenches.
- Manually powered – no external power source required.
- Value priced.
- No preventative maintenance required.
- Overload protected by Shear Drive design.

All DynaTorque Multipliers are supplied in a rugged, weather-resistant, portable carrying case.

MODEL	INPUT	OUTPUT	RATIO	MAX TORQUE OUTPUT	
	in	in		ft-lb	Nm
ATM-800	1/2	3/4	1:3.5	590	800
ATM-1800	3/4	1	1:3.6	1238	1800
ATM-2800	1/2	1	1:13	2066	2800
ATM-3800	3/4	1	1:13	2804	3800
ATM-5000	3/4	1.5	1:17	3690	5000
ATM-8000	3/4	1.5	1:49	5904	8000
ATM-12000	3/4	1.5	1:58	8856	12000
ATM-16000	3/4	2.5	1:75	11808	16000





## HIGH CAPACITY TEST STANDS



AHCTS-5000

### AHCTS TEST STAND FOR ROTATING TOOLS

Designed for testing tools with continuous rotating output spindles. The test stand includes a rundown fixture, bushing for side load support, reaction post or reaction paddles, transducer and torque analyzer display.

MODEL	DESCRIPTION
AHCTS-0500	3/4" Square Drive w/rundown fixture
AHCTS-2500	1.5" Square Drive w/rundown fixture
AHCTS-7500	1.5" Square Drive w/rundown fixture
AHCTS-5025*	1.5" Sq Dr dual station w/rundown fixture and reaction devices

\*This stand has two transducers embedded into the base, one for rotary tools and one for hydraulic tools, and comes with rundown and reaction fixtures and one display.

\*\*For ordering options, please contact a customer service representative at 1-800-852-1368.

Optional Pelican Case shown (ordered separately)



25503



AHCTS-001K

### AHCTS-K STAND FOR HYDRAULIC TOOLS

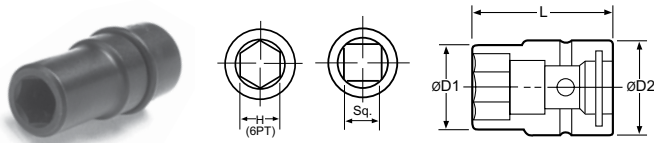
The AHCTS-K stands are specifically designed for hydraulic wrench testing. Hydraulic wrenches have very low profiles but very high torque output, therefore, working height must be minimized to prevent side loading which could lead to errors in data or damage to tool or reaction devices.

Either stand can be ordered with options such as extension legs, casters, embedded or attached torque analyzers with various rundown fixtures and reaction devices. Contact an AIMCO Customer Service Associate for additional information, 1-800-852-1368.

MODEL	DESCRIPTION
AHCTS-0.5K	3/4" Square Drive w/reaction device
AHCTS-001K	1" Square Drive w/reaction device
AHCTS-2.5K	1.5" Square Drive w/reaction device
AHCTS-005K	1.5" Square Drive w/reaction device
AHCTS-010K	1.5" Square Drive w/reaction device
AHCTS-025K	2" Square Drive w/reaction device

# SOCKETS

## IMPACT SOCKETS



PART NO	HEX	D1 MM	D1 IN	D2 MM	D2 IN	L MM	L IN
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### 3/4" Square Drive

SAE	HEX	D1 MM	D1 IN	D2 MM	D2 IN	L MM	L IN
A611/16	11/16"	30	1.18	44	1.73	50	1.97
A63/4	3/4"	32	1.26	44	1.73	50	1.97
A613/16	13/16"	35	1.38	44	1.73	50	1.97
METRIC							
A614	14 mm	24	0.95	38	1.50	55	2.17
A616	16 mm	27	1.06	44	1.73	50	1.97
A617	17 mm	30	1.18	38	1.50	55	2.17

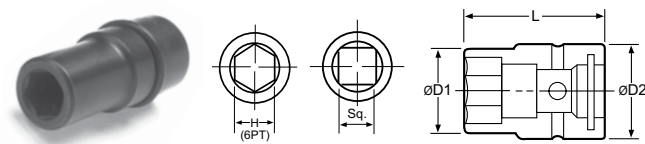
### 3/4" Square Drive, Deep

SAE	HEX	D1 MM	D1 IN	D2 MM	D2 IN	L MM	L IN
A611/16-4	11/16"	31	1.22	44	1.73	100	3.94
A63/4-4	3/4"	33	1.30	44	1.73	100	3.94
A613/16-4	13/16"	36	1.42	44	1.73	100	3.94
METRIC							
A617-4	17 mm	31	1.22	44	1.73	100	3.94
A618-4	18 mm	32	1.26	44	1.73	100	3.94
A619-4	19 mm	33	1.30	38	1.50	100	3.94

### 1" Square Drive

SAE	HEX	D1 MM	D1 IN	D2 MM	D2 IN	L MM	L IN
A87/8	7/8"	37	1.46	54	2.13	59	2.32
A815/16	15/16"	38	1.50	54	2.13	59	2.32
A81	1"	41	1.61	54	2.13	59	2.32
METRIC							
A817	17 mm	31	1.22	50	1.97	63	2.48
A819	19 mm	33	1.30	50	1.97	63	2.48
A821	21 mm	37	1.46	50	1.97	63	2.48

## ERGO-DRIVE® SOCKETS



PART NO	HEX	D1 MM	D1 IN	D2 MM	D2 IN	L MM	L IN
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### 3/4" Square Drive

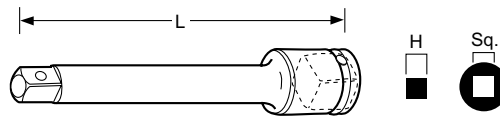
A61-1/8EDS	1-1/8"	44	1.73	44	1.73	64	2.52
A61-1/4EDS	1-1/4"	49	1.91	44	1.73	66	2.60
A61-1/2EDS	1-1/2"	57	2.24	44	1.73	68	2.68
A618EDS	18 mm	31	1.22	44	1.73	60	2.36
A624EDS	24 mm	40	1.52	40	1.73	65	2.36

### 1" Square Drive

A815/16EDS	15/16"	38	1.50	54	2.13	69	2.72
A8100EDS	100 mm	136	5.35	76	2.99	120	4.72

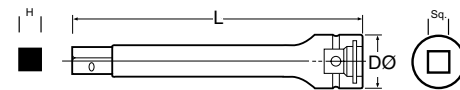


## EXTENSIONS



PART NO	SQ DRIVE	HEX	L MM	L IN	D MM	D IN
A610E	3/4"	3/4"	100	3.94	44	1.73
A810E	1"	1"	102	4.02	54	2.13
A1220E	1-1/4"	1-1/4"	200	7.87	60	2.36
A1418E	1-1/2"	1-1/2"	178	7.01	84	3.31
A2426E	2-1/2"	2-1/2"	264	10.39	137	5.39

## ERGO-DRIVE® EXTENSIONS



PART NO	SQ DRIVE	H	L MM	L IN	D MM	D IN
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### 3/4" Square Drive

A676EDE	3/4"	3/4"	76	2.99	40	1.58
A6100EDE	3/4"	3/4"	100	3.94	40	1.58
A6150EDE	3/4"	3/4"	150	5.91	40	1.58
A6200EDE	3/4"	3/4"	200	7.87	40	1.58

### 1" Square Drive

A8150EDE	1"	1"	150	5.91	54	2.13
A8200EDE	1"	1"	200	7.87	54	2.13

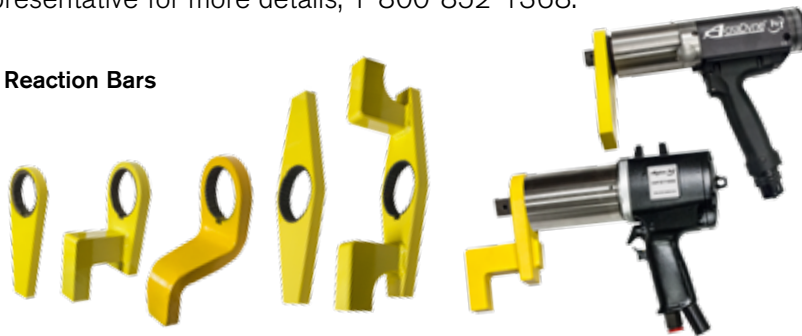
A wide variety of sockets and extensions are available. Call 1-800-852-1368 for more information.

# ACCESSORIES

## REACTION BARS

Each tool includes a standard spline-attachment reaction device. Custom reaction devices are also available; contact your AIMCO sales representative for more details, 1-800-852-1368.

Reaction Bars



MODEL	DESCRIPTION
26810	Single Ended, Flat, 6000 Series
26815	Single Ended, 2.375" Offset, 6000 Series
26830	Double Ended, Flat, 6000 Series
26885	Single Ended, 4.00" Offset, 6000 Series
26800	Single Ended, Flat, 7000 Series
27200	Single Ended, 3.10" Offset, 7000 Series
26820	Double Ended, Flat, 7000 Series
26890	Single Ended, 4.00" Offset, 7000 Series
25277	Single Ended, flat, 8000 Series
25274	Single Ended, 3.35" offset, 8000 Series
25275	Single Ended, 4.00" offset, 8000 Series
25278	Double Ended, flat, 8000 Series
25276	Double Ended, 3.35" offset, 8000 Series
27255	Single Ended, flat, 9000 Series
26840	Single Ended, 3.35" offset, 9000 Series

## ACCESSORIES

Custom accessories are also available for your application; contact your AIMCO Sales Representative for more details, 1-800-852-1368.



MODEL	DESCRIPTION
26477	Swivel Bail, 6000 Series
26327	Swivel Bail, 7000 Series
25287	Swivel Bail, 8000 Series
26478	Swivel D-Handle, 6000 Series
26328	Swivel D-Handle, 7000 Series
25291	Swivel D-Handle, 8000 Series
26479	Stationary Bail, 6000 series (26336 handle not included)
26332	Stationary Bail, 7000 series (26336 handle not included)
25289	Stationary Bail, 8000 series (26336 handle not included)
26336	Fixed Handle (for use with 26479, 26332, 25289)
26337	Rear Fixed Hoist Ring, 6000/7000/8000 Series Pistols
28514	Rear Folding Hoist Ring Kit for 8000 Series Pistols
28549	Sliding Spindle, 6000 Series
27045	Sliding Spindle, 7000 Series

## CABLES

Cable and connectors provide excellent ergonomics, maximum-quality signal transfer, and full CE compliance.



MODEL	DESCRIPTION	LENGTH
24330	Cable G3 Tool Cable 3M	3 m (9.8 ft)
25350	Cable G3 Tool Cable 5M	5 m (16.4 ft)
24320	Cable G3 Tool Cable 10M	10 m (32.8 ft)

## CABLE ADAPTERS AND CONNECTORS

Cable Adapters



MODEL	DESCRIPTION
26934	G3 iEC to G1 Cable Adapter
27210	G3 Tool to G1 Cable Adapter
26364	Right Angle Cable Adapter
26709	G3 Tool to G1 Cable (Cable Tester only)
26594	Conversion Kit G1 iEC to G3 iEC
27370	Conversion Kit G3 iEC to G1 iEC
25491	Breakaway Cable Connector - Ensures disconnect of cable should stress in excess of 40 lbs occur

## PROTECTIVE COVERS

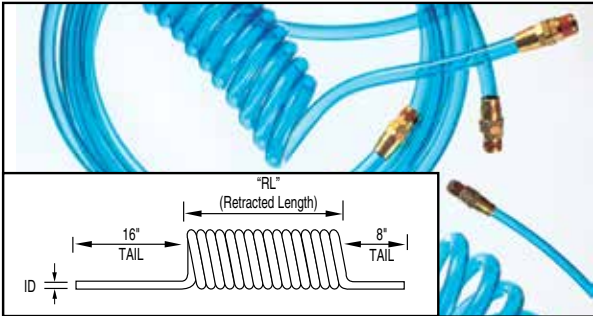
Durable protective covers prevent marring and damage.



MODEL	DESCRIPTION
BJ10078	Protective Cover, 6000 Series
BJ10077	Protective Cover, 7000 Series
BJ10076	Protective Cover, 8000 Series

# AIR LINE ACCESSORIES

## AIMCO AIR HOSE



- Durable Polyurethane or Rubber hose.
- Excellent recoil memory.
- Maximum flexibility and light weight.
- Polyurethane available in transparent hose color (opaque available).
- Custom colors available.
- High chemical resistance.



Complete System Pack including nested FRL available. Check with your AIMCO representative for details, 1-800-852-1368.

## SINGLE AIR HOSE ASSEMBLIES (COILED)

MODEL	WORKING PRESSURE	DESCRIPTION (OD x ID x LENGTH)	RETRACTED LENGTH	NPT FITTINGS
ASH-500C-15MSZ	100 PSI	3/4" x 1/2" x 15'	13"	1/2"
ASH-500C-25MSZ		3/4" x 1/2" x 25'	23"	1/2"

## SINGLE AIR HOSE (COILED) CUSTOM LENGTHS

Custom length coil assemblies and special colors are available in minimum order quantities.

## STRAIGHT AIR HOSE (SOLD PER FOOT)

MODEL	DESCRIPTION
ASH-500Z	1/2" I.D.

- Assemblies include reusable swivel fitting.
- Burst pressure 428 PSI @ 68° F.
- Working temperature: -104° F to 175° F.
- Straight hose is available by the foot with, or without, hose fittings.
- Ask about full-reel pricing. Call 1-800-852-1368.

## AIR HOSE FITTINGS



28161

### PLUGS

MODEL	DESCRIPTION
28161	1/2" x 1/4" MPT
28162	1/2" x 3/8" MPT
28163	1/2" x 1/2" MPT
28164	1/2" x 1/2" FPT



27768

### QUICK-CHANGE COUPLERS

MODEL	DESCRIPTION
27768	1/2" FPT
27769	1/2" MPT



27771

### PROTECTIVE COUPLER

MODEL	DESCRIPTION
27771	Vinyl



### BRASS FITTINGS

MODEL	CAPACITY
500-RZ	1/2" NPT Rigid Fitting
500-SZ	1/2" NPT Swivel Fitting



# AIR PREPARATION UNITS

## AFRL STACKING FILTER/REGULATORS

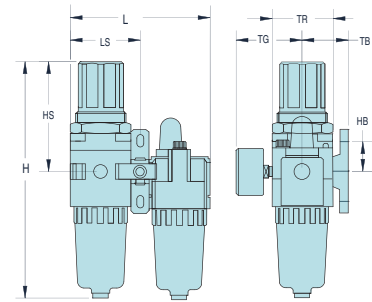
Stacking filter/regulator combinations provide air filtration and precise regulation in a single unit for easy mounting and installation.

### FEATURES AND BENEFITS

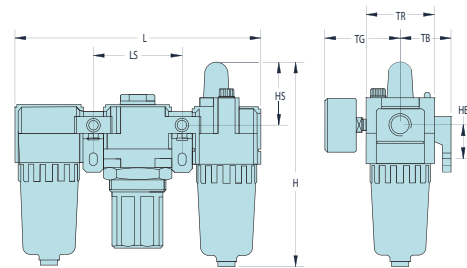
- All models include L-mount bracket, gauge, and metal bowl shields.
- Polycarbonate filter and lubricator bowls (metal bowls standard on AFRL-8).
- 25-micron filter included on all models.
- Regulating range: 7 – 125 PSI.
- Custom order upgrade items include metal bowl, 5 micron filter, semi-automatic filter drain, and reduced PSI range regulator. Contact an AIMCO sales representative for more information, 1-800-852-1368.



AFRL-2C  
AFRL-3-C



AFRL-3  
AFRL-4  
AFRL-8

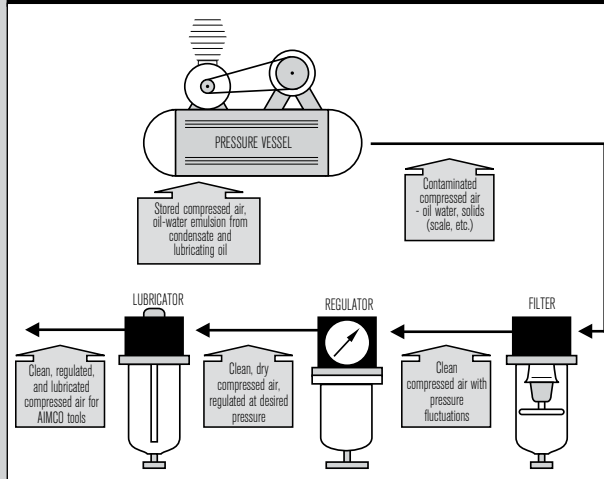


AFRL-4HTA  
Standalone Unit



MODEL	PORT	GAUGE PORT	FLOW RATE CFM	FLOW RATE L/MIN	BOWL SHIELD	H IN/MM	HB IN/MM	HS IN/MM	L IN/MM	LS IN/MM	TB IN/MM	TG IN/MM	TR IN/MM
AFRL-2	1/4"	1/8"	70	2,000	yes	6.16 (156.5)	1.39 (35.3)	1.50 (38.1)	7.13 (181.1)	2.52 (64.0)	1.61 (41.0)	2.39 (60.7)	2.09 (53.1)
AFRL-2-C	1/4"	1/8"	60	1,700	yes	8.31 (211.1)	1.38 (35.1)	3.64 (92.5)	4.61 (117.1)	2.30 (58.4)	1.61 (40.9)	2.39 (60.7)	2.09 (53.1)
AFRL-3	3/8"	1/4"	140	4,000	yes	7.54 (191.5)	1.57 (40.0)	1.61 (40.9)	9.37 (238.0)	3.31 (84.1)	1.97 (50.0)	2.58 (65.5)	2.76 (70.1)
AFRL-3-C	3/8"	1/4"	105	3,000	yes	10.31 (261.9)	1.57 (39.9)	4.41 (112.0)	6.06 (153.9)	3.03 (77.0)	1.97 (50.0)	2.58 (65.5)	2.76 (70.1)
AFRL-4	1/2"	1/4"	140	4,000	yes	7.54 (191.5)	1.57 (40.0)	1.61 (40.9)	9.37 (238.0)	3.31 (84.1)	1.97 (50.0)	2.58 (65.5)	2.76 (70.1)
AFRL-8	1"	1/4"	180	5,000	yes	10.69 (271.5)	1.97 (50.0)	1.89 (48.0)	11.81 (300.0)	4.13 (104.9)	2.75 (69.9)	2.97 (75.4)	3.54 (89.9)

### AIR PREPARATION UNITS: BASIC FUNCTIONS



The supply of clean, dry air is essential to the operation of pneumatic powered tools. Use only clean filtered air for longer tool life. Provide proper airflow (CFM) and regulate air pressure (PSI) for optimum performance.

#### To determine unit size for application, you need to know:

- Total air flow (CFM) required for application.
- Size of incoming air line and size of air line required by tool.
- Air supply pressure (PSI)
- Allowable pressure drop.
- Does the application requires lubrication?
- Does the overall system have the required capacity?

# APPLICATIONS - PARTIAL REFERENCES



## PETROCHEM

.....

- Reactor
- Cracker
- Heat-Exchanger
- Valves, Pumps
- Compressors
- Heaters



## COMPRESSOR STATION

.....

- Tie Rod
- Engines
- Compressors
- Turbines
- Pipe-Line
- Well Heads



## STEEL MILL

.....

- Sintering
- Blast Furnace
- Hot Strip
- Cold Roll
- Central Machine
- Pipe Shop



## WIND TURBINES

.....

- Tower Bolts
- Foundation Bolts
- Bearing Housing
- Shrink Disc
- Gear Mount
- Hub Bearing



## OFFSHORE

.....

- Diesel Engine
- Mud Pump
- Crane
- Vessel Thruster
- Stacks



## POWER

.....

- Steam Turbine
- Gas Turbine
- Hydro Turbine
- Comb. Cycle
- Valves, Pumps, Reactors, Pipes



## MINING

.....

- Shovel & Drill
- Ball Mill
- Long-Wall
- Hoist
- Car Carrier

# INDEX

MODEL #	PAGE	MODEL #	PAGE	MODEL #	PAGE	MODEL #	PAGE	MODEL #	PAGE
A1220E	14	AED4A898100B	4	AEP4A66425B	4	AES4(A)(B)884200BDL	6	BJ10077	15
A1418E	14	AEF4A66250B	4	AEP4A66625B	4	AES4(A)(B)885000BDL	6	BJ10078	15
A2426E	14	AEF4A66425B	4	AEP4A66925B	4	AES4(A)(B)896500BDL	6	24320	15
A61-1/2EDS	14	AEF4A66625B	4	AEP4A771200B	4	AES4(A)(B)898100BDL	6	24330	15
A61-1/4EDS	14	AEF4A66925B	4	AEP4A773000B	4	AFRL-2	17	25274	15
A61-1/8EDS	14	AEF4A771200B	4	AEP4A884200B	4	AFRL-2-C	17	25275	15
A63/4	14	AEF4A773000B	4	AEP4A884200B1	4	AFRL-3	17	25276	15
A63/4-4	14	AEF4A884200B	4	AEP4A885000B	4	AFRL-3-C	17	25277	15
A610E	14	AEF4A884200B1	4	AEP4A896500B	4	AFRL-4	17	25278	15
A611/16	14	AEF4A885000B	4	AEP4A898100B	4	AFRL-8	17	25287	15
A611/16-4	14	AEF4A896500B	4	AEP4(A)(B)66250BDL	6	AHCTS-0.5K	13	25289	15
A613/16	14	AEF4A898100B	4	AEP4(A)(B)66425BDL	6	AHCTS-001K	13	25291	15
A613/16-4	14	AEF4(A)(B)66250BDL	6	AEP4(A)(B)66625BDL	6	AHCTS-2.5K	13	25350	15
A614	14	AEF4(A)(B)66425BDL	6	AEP4(A)(B)66925BDL	6	AHCTS-005K	13	25491	15
A616	14	AEF4(A)(B)66625BDL	6	AEP4(A)(B)771200BDL	6	AHCTS-010K	13	25646	15
A617	14	AEF4(A)(B)66925BDL	6	AEP4(A)(B)884200B1DL	6	AHCTS-025K	13	26327	15
A617-4	14	AEF4(A)(B)771200BDL	6	AEP4(A)(B)884200BDL	6	AHCTS-0500	13	26328	15
A618-4	14	AEF4(A)(B)773000BDL	6	AEP4(A)(B)885000BDL	6	AHCTS-2500	13	26332	15
A618EDS	14	AEF4(A)(B)884200B1DL	6	AEP4(A)(B)896500BDL	6	AHCTS-7500	13	26336	15
A619-4	14	AEF4(A)(B)884200BDL	6	AEP4(A)(B)898100BDL	6	AHDTS-5025	13	26337	15
A624EDS	14	AEF4(A)(B)885000BDL	6	AEP4B66250B	4	APTH-14OE13	11	26364	15
A676EDE	14	AEF4(A)(B)896500BDL	6	AEP4B66425B	4	APTH-14OE14	11	26477	15
A6100EDE	14	AEF4(A)(B)898100BDL	6	AEP4B66625B	4	APTH-14OE15	11	26478	15
A6150EDE	14	AEJ4A66250B	4	AEP4B66925B	4	APTH-14OE16	11	26479	15
A6200EDE	14	AEJ4A66425B	4	AEP4B771200B	4	APTH-14OE17	11	26594	15
A81	14	AEJ4A66625B	4	AEP4B773000B	4	APTH-14OE18	11	26594	15
A87/8	14	AEJ4A66925B	4	AEP4B884200B	4	APTH-14OE19	11	26709	15
A810E	14	AEJ4A771200B	4	AEP4B884200B1	4	APTH-14OE21	11	26800	15
A815/16	14	AEJ4A773000B	4	AEP4B885000B	4	APTH-14OE22	11	26810	15
A815/16EDS	14	AEJ4A884200B	4	AEP4B896500B	4	APTH-14OE24	11	26815	15
A817	14	AEJ4A884200B1	4	AEP4B898100B	4	APTH-14OE27	11	26820	15
A819	14	AEJ4A885000B	4	AEP4W872800B	4	APTH-14OE30	11	26830	15
A821	14	AEJ4A896500B	4	AEP4W884650B	4	APTH-14OE32	11	26840	15
A8100EDS	14	AEJ4A898100B	4	AEP4W884650B1	4	APTH-14OE33	11	26885	15
A8150EDE	14	AEJ4B66250B	4	AEP4W896500B	4	APTH-14OE34	11	26890	15
A8200EDE	14	AEJ4B66425B	4	AEP4W896500B1	4	APTH-14OE36	11	26934	15
AAP1B66400A	10	AEJ4B66625B	4	AEP(A)(B)773000BDL	6	APTH-14OE38	11	27045	15
AAP1B66600A	10	AEJ4B66925B	4	AES4A66250B	4	APTH-14OE41	11	27200	15
AAP1B66850A	10	AEJ4B771200B	4	AES4A66425B	4	APTH-14RT34	11	27210	15
AAP1B76950A	10	AEJ4B773000B	4	AES4A66625B	4	APTH-14RT50	11	27255	15
AAP1B771350A	10	AEJ4B884200B	4	AES4A66925B	4	APTH-14SD50	11	27370	15
AAP1B771800A	10	AEJ4B884200B1	4	AES4A771200B	4	APTW-200	11	27768	16
AAP1B772950A	10	AEJ4B884200B1	4	AES4A773000B	4	APTW-340	11	27769	16
AAP1B885100A	10	AEJ4B885000B	4	AES4A884200B	4	ASH-500C-15MSZ	16	27771	16
AAP1B885100A	10	AEJ4B896500B	4	AES4A884200B1	4	ASH-500C-25MSZ	16	28161	16
AED4A66250B	4	AEJ4B898100B	4	AES4A885000B	4	ASH-500Z	16	28162	16
AED4A66425B	4	AEJ4W872800B	4	AES4A896500B	4	ATM-800	12	28163	16
AED4A66625B	4	AEJ4W884650B	4	AES4A898100B	4	ATM-1800	12	28164	16
AED4A66925B	4	AEJ4W884650B1	4	AES4(A)(B)66250BDL	6	ATM-2800	12	28514	15
AED4A771200B	4	AEJ4W896500B	4	AES4(A)(B)66425BDL	6	ATM-3800	12	28549	15
AED4A773000B	4	AEN356540A	5	AES4(A)(B)66625BDL	6	ATM-5000	12	500-RZ	16
AED4A884200B	4	AEN3571000A	5	AES4(A)(B)66925BDL	6	ATM-8000	12	500-SZ	16
AED4A884200B1	4	AEN3571600A	5	AES4(A)(B)771200BDL	6	ATM-12000	12		
AED4A885000B	4	AEN3572600A	5	AES4(A)(B)773000BDL	6	ATM-16000	12		
AED4A896500B	4	AEP4A66250B	4	AES4(A)(B)884200B1DL	6				





10000 SE Pine St.  
Portland, Oregon 97216  
Phone: 800-852-1368  
[www.aimco-global.com](http://www.aimco-global.com)

**AIMCO CORPORATION  
DE MEXICO SA DE CV**

Ave. Cristobal Colon 14529  
Chihuahua, Chihuahua. 31125  
Mexico  
Toll Free : (01-800) 801-1600  
Direct : (01-614) 380-1010  
Fax: (01-614) 380-1019

**AIMCO EUROPE**

C/ Río Gallo, 431 urb. Montelar  
19174 Galápagos / Guadalajara  
Spain  
Phone: +34 673 34 99 25

**AIMCO CHINA**

Room 607, No. 3998 Hongxin Rd,  
Dibao Plaza, Minhang District,  
Shanghai, 201103  
China  
Phone: 0086-21-34319246  
Fax: 0086-21-34319245

**AIMCO SOUTH AMERICA**

Carrera 29A, #7B-91. Origami Building.  
Int604  
Medellin; Colombia 050021  
Phone: +57 300-2926550