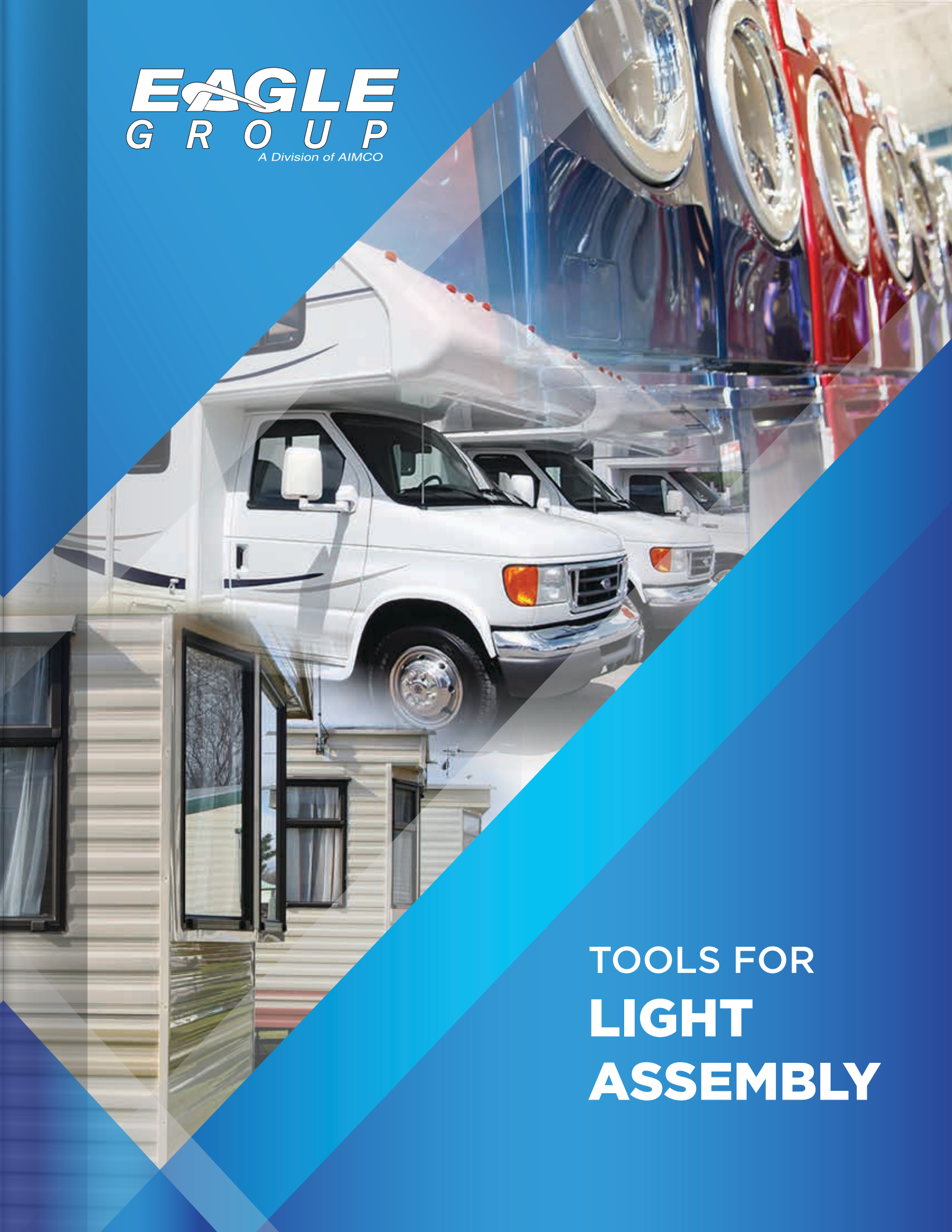


EAGLE
G R O U P
A Division of AIMCO



TOOLS FOR
LIGHT
ASSEMBLY

3

ASSEMBLY TOOLS

13

ACCESSORIES

27

RESOURCES

EAGLE
G R O U P

EAGLE GROUP

A portfolio designed for a variety of customers and customer use requirements

- Economic tool series for limited use, limited maintenance, or limited budget
- Ergonomic series for safer and more comfortable use
- Industrial and Premier series for specific process and safety improvements
- All supported under the AIMCO umbrella of service and support

>> ABOUT EAGLE GROUP

Eagle Group is a leading supplier of power tools for industrial markets. Whether you need tools for material removal, finishing, maintenance, automotive, or assembly, Eagle Group has your solution.

Eagle Group has been a supplier of power tools for over 30 years throughout the United States, Mexico, and South America.

Located in Portland, Oregon, Eagle resides in AIMCO's corporate complex.

CALL TODAY TOLL FREE: **(800) 852-1368**

ASSEMBLY TOOLS

A close-up photograph of a person's hands using a black power screwdriver to tighten a screw into a blue metal bracket. The bracket is mounted on a white surface. The background is blurred, showing a workshop or factory setting. The image is overlaid with a blue and white geometric design consisting of diagonal lines and a grid pattern.

*Available in a variety
of clutch styles and
torque ranges,*

Eagle Group's ergonomic
screwdrivers are the go-to tools for
furniture, woodworking, motor home,
boat, RV, van conversion, and
appliance industries.

ASSEMBLY TOOL CLUTCH INFORMATION

The variety of Eagle Group's assembly clutch tools ensures that you match the right tool with your application's requirements for precision, speed, power, torque, type of draw, or screw size.



Adjustable Clutch



The adjustable clutch ratchets upon reaching torque. It provides general torque control.

Uses

- General assembly
- Woodworking

Benefits:

- Wide torque range
- High torque output
- High speed

Stall



With a stall clutch, the air motor stalls out upon reaching torque. Torque is proportionate to the air pressure setting.

Uses

- Woodworking
- Soft joints
- Sheet metal screws

Benefits:

- Small, light tool
- Simple maintenance
- Torque adjusted by air pressure

Impact



An impact clutch has a twin hammer impact mechanism.

Uses

- Industrial maintenance
- Tire service
- Heavy assembly

Benefits:

- Fast cycle times

Positive Clutch



A positive clutch ratchets upon reaching torque. Operator can increase torque output with forward/downward pressure.

Uses

- General assembly
- High prevailing torque
- Woodworking
- Soft joints

Benefits:

- Can provide higher rundown torque than seated torque
- Wide torque range

STALL & ADJUSTABLE CLUTCH SCREWDRIVERS

1101 1/4" Stall Screwdriver

- 1/4" quick change chuck
- High power-to-weight ratio

GENERAL DUTY



TORQUE RANGE: 10 - 45 in-lb

1105 1/4" Stall Screwdriver

- 1/4" quick change chuck
- High power-to-weight ratio
- Side trigger for easy one-hand reverse

INDUSTRIAL DUTY



TORQUE RANGE: 20 - 52 in-lb

7P-0620-1 1/4" Stall Screwdriver

- Reversible bar on top enables one-hand operation
- Industrial-grade quick change chuck
- 3 Planet industrial-strength gear train provides durability for heavy-duty applications
- Improved muffler design
- Comfort-grip handle
- Spindle with special heat treatment

INDUSTRIAL DUTY



TORQUE RANGE: 18 - 45 in-lb

1102 1/4" Adjustable Clutch Screwdriver

- Cushion clutch
- Handle exhaust directs air away
- Convenient forward/reverse valve

GENERAL DUTY



TORQUE RANGE: 55 - 160 in-lb

Model	Application	Housing	Drive Size/ Chuck Capacity	Approx. Speed (rpm)	Approx. Torque Range		Weight		Length		Air Usage (cfm)	Air Inlet	Noise Level db(A)
					in-lb	Nm	lb	kg	in	mm			
1101	General	Sandcast aluminum	1/4" QC	1,800	10 - 45	1.1 - 5.1	3	1.4	7	178	16	1/4"	85
1105	Industrial	Sandcast aluminum	1/4" QC	800	20 - 52	2.3 - 5.9	1.5	0.7	5.1	130	14	1/4"	83
7P-0620-1	Industrial	Sandcast Aluminum	1/4" QC	2,000	18 - 45	3.2 - 8	2.3	1	8.5	216	4	1/4"	88
1102	General	Aluminum	1/4" QC	1,800	55 - 160	6.2 - 20.8	2.6	1.2	8.8	222	16	1/4"	83

POSITIVE CLUTCH & IMPACT SCREWDRIVERS

POSITIVE CLUTCH SCREWDRIVERS

1115

GENERAL DUTY



TORQUE RANGE: 60 – 40 ft-lb

1121

INDUSTRIAL DUTY



TORQUE RANGE: 14 – 35 ft-lb

- 1/4" quick change chuck
- High power-to-weight ratio
- For wood and general assembly

	1115	1121
Application	General	Industrial
Housing	Aluminum	Sandcast aluminum
Drive Size/Chuck Capacity	1/4" QC	1/4" QC
Approx. Speed (rpm)	1,800	1,800
Approx. Torque Range	16 – 40 ft-lb 21.5 – 53.7 Nm	14 – 35 ft-lb 18.8 – 46.9 Nm
Weight	2.6 lb / 1.2 kg	2.5 lb / 1.1 kg
Length	8" / 203 mm	6.8" / 171 mm
Air Usage (cfm)	16	16
Air Inlet	1/4"	1/4"
Noise Level db(A)	88	88

1577

1/4" Impact Screwdriver

- 7 vane high speed motor
- Totally enclosed pinless impact mechanism with advanced heat treatment
- Tease throttle with 4-stop regulator for speed control and torque output
- 360° adjustable rear exhaust
- Detachable belt clip

INDUSTRIAL DUTY



TORQUE RANGE: 10 - 65 ft-lb

Model	Application	Housing	Drive Size/Chuck Capacity	Approx. Speed (rpm)	Approx. Torque Range		Weight		Length		Air Usage (cfm)	Air Inlet	Noise Level db(A)
					ft-lb	Nm	lb	kg	in	mm			
1577	Industrial	Sandcast Aluminum	1/4" QC	10,000	10 – 65	13.4 – 88.1	2.3	1.04	6.5	165	29	1/4"	94

Signature Series CORDLESS TOOLS

SIW SHUT-OFF
IMPACT
WRENCH

INDUSTRIAL DUTY



SERIES TORQUE RANGE: 2 - 89 ft-lb

- Operates as a standard impact wrench or as an impact wrench with a programmable shut-off point
- Brushless motor provides longer motor life and increased efficiency
- Easy-to-read process information lights
- LED light for work-area illumination
- Programmable buttons
- Mini USB port for connection to optional programmer (SPC-2PGM)
- Li-Ion battery provides long battery life

SIW SERIES ACCESSORIES

SIW-B20LI

Li-Ion Battery

- 20V, 2.0 Ah

**SIW-B20LI-HC**

High Capacity Li-Ion Battery

- 20V, 4.0 Ah

**SIW-C18-20**

Battery Charger

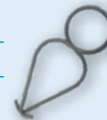
- Output: 18 - 20V, 4.0 Ah
- Input: 100 - 240VAC, 50 - 60 Hz

**BJ10091**

Body Jacket Cover

**SIW-PBL**

Suspension Bail

**SIW-38PR (3/8" Dr.)****SIW-50PR (1/2" Dr.)**

Pin Retainer Kits



Model	Application	Housing	Drive Size	Approx. Speed (rpm)	Approx. Torque Range		Max Torque		Battery V	Weight		Noise Level db(A)
					ft-lb	Nm	ft-lb	Nm		lb	kg	
SIW-P2525Q	Industrial	Composite	1/4" QC	2,400	2 - 18	3 - 25	30	40	20	2.2	1	71
SIW-P3225Q	Industrial	Composite	1/4" QC	2,400	4 - 24	6 - 32	66	90	20	2.2	1	71
SIW-P3238	Industrial	Composite	3/8" Sq Dr	2,400	4 - 24	6 - 32	66	90	20	2.2	1	71
SIW-P5538	Industrial	Composite	3/8" Sq Dr	2,400	11 - 41	15 - 55	90	120	20	2.4	1.1	71
SIW-P5550	Industrial	Composite	1/2" Sq Dr	2,400	11 - 41	15 - 55	90	120	20	2.4	1.1	71
SIW-P10050	Industrial	Composite	1/2" Sq Dr	2,400	18 - 74	25 - 100	133	180	20	2.4	1.1	71
SIW-P12050	Industrial	Composite	1/2" Sq Dr	2,400	22 - 89	30 - 120	210	210	20	2.9	1.3	71

Shut-Off Impact Tools Include: Body Jacket, Bail, and one (1) 18V Li-Ion Battery

Signature Series CORDLESS TOOLS



SPC PRECISION CLUTCH TOOLS

INDUSTRIAL DUTY

SERIES TORQUE RANGE: 0.6 – 74 ft-lb

- LED indicator provides simple process information to the operator. The signal is visible from any angle
- Press button for easy F/R operation
- LED light for working in dark areas
- Trigger repeat protection avoids double hits on already seated screws
- Easily attached sliding battery system
- Mini USB port for connection to optional programmer (SPC-2PGM)
- Li-Ion battery pack delivers longer run time
- Ergonomic handle design provides outstanding balance and weight and is ideal for accessing hard-to-reach locations
- Angle tool enables multiple head positions

Model	Application	Housing	Drive Size	Free Speed Range (rpm)	Approx. Torque Range		Battery V	Weight		Noise Level db(A)
					ft-lb	Nm		lb	kg	
Pistol Nutrunner*										
SPC-P2325Q	Industrial	Composite	1/4" QC	500 – 1,550	0.6 – 2.2	0.8 – 3	18	2.1	0.95	75
SPC-P2625Q	Industrial	Composite	1/4" QC	300 – 1,000	0.7 – 4.4	1.0 – 6	18	2.1	0.95	75
SPC-P2925Q	Industrial	Composite	1/4" QC	300 – 800	1.1 – 6.6	1.5 – 9	18	2.1	0.95	75
SPC-P21225Q	Industrial	Composite	1/4" QC	250 – 600	1.5 – 8.8	2 – 12	18	2.1	0.95	75
Right Angle Nutrunner**										
SPC-A21025Q	Industrial	Composite	1/4" QC	400 – 1,000	2.2 – 8.8	3 – 12	18	3.5	1.6	75
SPC-A21025	Industrial	Composite	1/4" Sq	400 – 1,000	2.2 – 8.8	3 – 12	18	3.5	1.6	75
SPC-A21038	Industrial	Composite	3/8" Sq	400 – 1,000	2.2 – 8.8	3 – 12	18	3.5	1.6	75
SPC-A21625Q	Industrial	Composite	1/4" QC	300 – 600	3.7 – 13.3	5 – 18	18	3.5	1.6	75
SPC-A21625	Industrial	Composite	1/4" Sq	300 – 600	3.7 – 13.3	5 – 18	18	3.5	1.6	75
SPC-A21638	Industrial	Composite	3/8" Sq	300 – 600	3.7 – 13.3	5 – 18	18	3.5	1.6	75
SPC-A23038	Industrial	Composite	3/8" Sq	250 – 480	5.9 – 22	8 – 30	18	3.5	1.6	75
SPC-A23538	Industrial	Composite	3/8" Sq	220 – 330	7.4 – 25.8	10 – 35	18	3.5	1.6	75
SPC-A25038	Industrial	Composite	3/8" Sq	200 Non-Programmable Fixed Speed***	7.4 – 37	10 – 50	18	5.3	2.4	75
SPC-A27038	Industrial	Composite	3/8" Sq	170 Non-Programmable Fixed Speed***	14.8 – 51.7	20 – 70	18	6.3	2.9	75
SPC-A210050	Industrial	Composite	1/2" Sq	119 Non-Programmable Fixed Speed***	26 – 74	35 – 100	18	7.4	3.4	75

* Pistol Grip Tools include: Torque Adjustment Tool and one (1) 18V Li-Ion Battery

** Angle Nutrunners include: Torque Adjustment Tool, Head Indexing Spanner Wrench, and one (1) 18V Li-Ion Battery

*** High torque tools feature fixed RPM

Signature Series CORDLESS TOOLS**SPC SERIES ACCESSORIES****SPC-B218LI**
Li-Ion Battery

- 18V, 2.0 Ah

**SPC-B218LI-HC**
High Capacity Li-Ion Battery

- 18V, 4.0 Ah

**BJ10082**
Pistol Tool Body Jacket Cover**BJ10083**
Angle Tool Body Jacket Cover**SPC-C218-19**
Battery Charger

- Output: 18 - 19.2V, 3.0 Ah
- Input: 100 - 240VAC, 50 - 60 Hz

**SPC-P-HL-RH (Right Hand)**
SPC-P-HL-LH (Left Hand)
Tool Holster

- Designed for Signature Series pistol and angle tools

**21226**
Tool Basket

- Designed for Signature Series pistol and angle tools



- Can be affixed to a bench or rack

SPC-QC
Quick Clip

- Designed for Signature Series pistol tools
- Comes with a belt clip and a stretch cord attachment
- Ball feature allows for quick and easy release

**Tool Speed Programmer****SPC-2PGM**

Each Signature Series battery tool has programmable features that enhance operator efficiency. Programmable features include:

- Tool speed control from minimum (1,500 rpm) to maximum (2,400 rpm) speed in 50 rpm increments
- Forward/Reverse Mode - Three setting options
- Two-stage trigger delay control
- Screw count / impact count
- Supervisor level "lock-out" control

Additionally, the Signature Series battery tool has an integrated mini USB connector that couples to the Signature Series Programmer module. Simply connect the tool to the Programmer Module and flash the tool to the desired RPM. The programmed RPM will remain until a change is desired.

ELECTRIC SCREWDRIVERS

ELECTRA[®] SERIES

- Available in push-to-start and lever start styles
- Ergonomic design — Lightweight, compact housings ensure operator comfort during operation
- Accurate torque control — Precise controlled fastening with automatic shut-off clutches
- External brush replacement — Virtually no down time for brush replacement
- External torque adjustment — Torque level can be easily adjusted by simply turning the external adjustment ring



AE-5681



- UL Listed and CE Certified — Drivers meet electrical safety standards in both the U.S. and Europe
- Direct plug-in style — Offers easy and convenient start-up (certain models), simply plug it in
- State-of-the-art motor design — Ensures comfortable grip temperature for operator and extended motor life

Model	Hex Drive		Approx. Speed (rpm)	Approx. Torque Range		Weight		Length		Power Source
	in	mm		in-lb	kgf-cm	lb	kg	in	mm	
Push-To-Start Direct Plug-In Series										
AE-5681 (Includes torque cover)	1/4	6.4	1,000	3.5 – 15.6	4 – 18.0	1.2	0.5	9.3	237	115V AC*
AE-8681 (Includes pistol grip handle adapter)	1/4	6.4	600	15 – 45	23.0 – 51.8	1.6	0.7	10.6	269	115V AC*
Low-Voltage Lever Start Series (Requires External Power Supply)										
AE-2020	1/4	6.4	720	.35 – 1.3	.40 – 1.5	0.7	0.3	8.0	203	AE-224PS
AE-4020	1/4	6.4	720	.9 – 5	1.0 – 6.0	0.7	0.3	8.0	203	AE-224PS
AE-4520	1/4	6.4	720	1.3 – 8.7	1.5 – 10.0	0.7	0.3	8.0	203	AE-224PS
AE-7010	1/4	6.4	750	6.1 – 17.4	7.0 – 20.0	1.4	0.6	9.3	236	AE-278PS
AE-8010	1/4	6.4	550	10.4 – 26.0	12.0 – 29.9	1.4	0.6	9.3	236	AE-278PS
Low-Voltage Push-To-Start Series (Requires External Power Supply)										
AE-7010PS	1/4	6.4	750	6.1 – 17.4	7.0 – 20.0	1.4	0.6	9.3	236	AE-278PS
AE-8010PS	1/4	6.4	550	10.4 – 26.0	12.0 – 29.9	1.4	0.6	9.3	236	AE-278PS

ELECTRA[®] LOW ESD SERIES

- Grounded bit — Grounded chuck assembly routes any existing charge to ground
- Carbonized housing — Handle material and buttons are constructed of carbonized plastic throughout, enabling any charge received by the handle to be routed to ground
- Long-Lasting ESD resistant handle — Material will maintain its integrity for the life of the handle, unlike coatings or paints



AE-5681ESD



LOW ESD SERIES

Model	Hex Drive		Approx. Speed (rpm)	Approx. Torque Range		Weight		Length		Power Source
	in	mm		in-lb	kgf-cm	lb	kg	in	mm	
PUSH-TO-START DIRECT PLUG-IN SERIES										
AE-4520ESD*	1/4	6.4	720	1.3 - 8.7	1.5 - 10.0	0.9	0.4	8.0	204	35V DC
AE-5681ESD	1/4	6.4	1,000	3.5 - 15.6	4.0 - 18.0	1.2	0.5	9.3	237	115V AC**

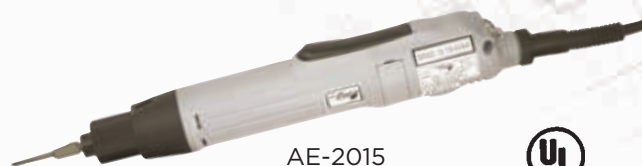
* Low-voltage units require an external power supply.

** 220V AC is available upon request. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

ELECTRIC SCREWDRIVERS

ELECTRA® SLIP CLUTCH SERIES

- High-speed performance — For quick and consistent assembly and disassembly
- Maximum ergonomics and convenience — Offers a combination of a slip clutch with a high speed motor to provide low torque reaction; one of the best power-to-weight ratios in the industry
- Added maintenance feature — LED light indicates when to change brushes. Brush cap contains a switch that shuts off the power during brush replacement



AE-2015



- Direct 110V plug-in — Eliminates the need for an external power supply
- 1/4" hex quick change chuck for easy bit changes
- External torque collar for easy torque adjustment.

SLIP CLUTCH SERIES

Model	Hex Drive		Approx. Speed (rpm)	Approx. Torque Range		Weight		Length		Power Source
	in	mm		in-lb	kgf-cm	lb	kg	in	mm	
AE-2015	1/4	6.4	1,000	4.3 - 21.7	5.0 - 25.0	1.2	0.55	9.2	234	110V - 220VAC*

* 220V AC is available upon request. Contact AIMCO at 1-503-254-6600, or toll free 1-800-852-1368.

ELECTRA® PRECISION SERIES

For low torque applications

- Featuring ergonomic design
- Comes with options such as long-life brushless motors and adjustable speed power supplies

STANDARD MODELS

- Optional speed control power supply — Enables infinite control from 20% to 100% of maximum tool speed and adjustable soft start to minimize cross threading
- Ergonomic housing — Oval shape conforms to hand
- Duralite — Casing material provides a secure grip
- Integrated Lever — Feather touch integrated lever reduces travel and stress. Requires only 2 mm of travel to activate
- External torque control — Twist and go



AE-6300

AE-6450



EXTENDED LIFE MODELS

- Sealed Swiss motor — For higher duty cycles, longer life, and less maintenance. Sealed casing means no brush changes are necessary
- Extended warranty on tool motor — Three year standard motor warranty
- Compact power supply — Makes setup a breeze

PRECISION SERIES

Model	Hex Drive		Approx. Speed (rpm)	Approx. Torque Range		Weight		Length		Power Source
	in	mm		in-lb	kgf-cm	lb	kg	in	mm	
Standard										
AE-6300	1/4	6.4	725	.85 - 5.0	1.0 - 5.8	0.9	0.4	8.5	216	AE-224PS
AE-6450	1/4	6.4	770	1.3 - 8.7	1.5 - 10.0	0.9	0.4	8.5	216	AE-224PS
High Speed										
AE-6300S	1/4	6.4	920	0.35 - 4.3	0.4 - 5.0	0.9	0.4	8.5	216	AE-224PS
AE-6450S	1/4	6.4	920	1.3 - 8.7	1.5 - 10.0	0.9	0.4	8.5	216	AE-224PS
Extended Life										
AE-6300M	1/4	6.4	550	1.0 - 5.5	1.1 - 6.3	0.9	0.4	8.5	216	APM-30



ELECTRA® SERIES ACCESSORIES - POWER SUPPLIES

Model	Compatible Screwdrivers	Tool (rpm)	Voltage conversion in-lb	Dimensions	Weight lb	kg
AE-224PS	AE-2020 AE-2020ESD AE-4020 AE-4520 AE-4520ESD	720	110V AC - 220V AC 35V DC	2.6 x 1.6 x 5.0 66 x 41 x 127 mm	1.0	.45
AE-278PS	AE-7010 AE-7010PS	Standard	110V AC - 220V AC 30V DC	1.6 x 5.0 x 2.6 41 x 127 x 66 mm	1.0	.45
APM-30	AE-6300M	550	110V AC - 220V AC 30V DC	2.1 x 3.4 x 1.9 53 x 87 x 48 mm	0.4	0.2



DIGITAL FASTENING COUNTER

The AM Series fastener counter verifies and error-proofs the assembly process.

- Buzzer notifies of missing screws, incomplete fastening, and thread damage
- Counts up to 60,000 units and up to 99 screws per unit
- Connects easily to automation equipment using standard input/output signals
- Large LCD screen is easy to read. A green screen indicates OK fastening, a red screen indicates NG

Model	Compatible Screwdrivers
AM-45	For AE-2020, AE-4020, AE-4520 Standard and ESD types
AM-65	For AE-7010, AE-7010PS, AE-8010 and AE-8010PS

OPTIONAL ACCESSORIES



ANGLE HEAD ATTACHMENTS

Available for lever start series. Not available for Low ESD Series.



PISTOL GRIP HANDLE

Converts to a pistol style driver for horizontal fastening. Available for Trigger Start only (included with AE-8681).



TORQUE COVER

Prevents accidental torque adjustment by the operator (included with AE-5681).

Accessory	Model	Compatible Screwdrivers
Angle Head Attachments	AE-2045A AE-7080A	For AE-2020, AE-4020, AE-4520 For AE-7010, AE-8010
Pistol Grip Handle	AE-PG7080	For AE-7010, AE-7010PS, AE-8010, AE-8010PS
Torque Covers	AE-TC2040 AE-TC7080 4H2055	For AE-2020, AE-4020, AE-4520 For AE-7010, AE-7010PS, AE-8010, AE-8010PS For AE-8681

ACCESSORIES



*Optimize your
tool's performance*
with Eagle Group's full line
of accessories.

Eagle Group: Your full-service industrial tool source

AUDITOR APTW PRESET TORQUE WRENCHES

Auditor's APTW preset wrenches provide a flexible, easy way to audit fastener torque. A wide range of interchangeable heads provide flexibility and convenience.



- 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







Wrench Model	Torque Range	Insert Accepted
APTW-25	5 – 25 Nm	12 mm
APTW-50	10 – 50 Nm	12 mm
APTW-100	20 – 100 Nm	12 mm
APTW-150	30 – 150 Nm	12 mm
APTW-200	40 – 200 Nm	14 mm
APTW-340	60 – 340 Nm	14 mm






TORQUE WRENCH INSERTS



Adapters	Description
	APTH-12ADP 9 x 12 M to 14 x 18 F
	APTH-14ADP 14 x 18 M to 9 x 12 F

Ring End Inserts	Description
	APTH-12RE50 1/2" Ring End, 12 mm
	APTH-14RE32 32 mm Ring End, 14 mm

Square Drive Inserts	Description
9 x 12	
	APTH-12SD25 1/4" Sq. Dr.
	APTH-12SD38 3/8" Sq. Dr.
	APTH-12SD50 1/2" Sq. Dr.
14 x 18	
	APTH-14SD50 1/2" Sq. Dr.

Blank End Inserts	Description
	APTH-12BLANK 12 mm
	APTH-14BLANK 14 mm

Open End Head Inserts		
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Ratchet Heads	Description
9 x 12	
	APTH-12RT25 1/4" Sq. Dr.
	APTH-12RT38 3/8" Sq. Dr.
	APTH-12RT50 1/2" Sq. Dr.
14 x 18	
	APTH-14RT50 1/2" Sq. Dr.
	APTH-14RT34 3/4" Sq. Dr.

9 x 12	Size
APTH-12OE7	7 mm OE
APTH-12OE8	8 mm OE
APTH-12OE9	9 mm OE
APTH-12OE10	10 mm OE
APTH-12OE11	11 mm OE
APTH-12OE12	12 mm OE
APTH-12OE13	13 mm OE
APTH-12OE14	14 mm OE
APTH-12OE15	15 mm OE
APTH-12OE16	16 mm OE
APTH-12OE17	17 mm OE
APTH-12OE18	18 mm OE
APTH-12OE19	19 mm OE
APTH-12OE20	20 mm OE
APTH-12OE50	1/2" OE

14 x 18	Size
APTH-14OE1	1" OE
APTH-14OE13	13 mm OE
APTH-14OE14	14 mm OE
APTH-14OE15	15 mm OE
APTH-14OE16	16 mm OE
APTH-14OE17	17 mm OE
APTH-14OE18	18 mm OE
APTH-14OE19	19 mm OE,
APTH-14OE21	21 mm OE
APTH-14OE22	22 mm OE
APTH-14OE24	24 mm OE
APTH-14OE25	25 mm OE
APTH-14OE27	27 mm OE

14 x 18	Size
APTH-14OE30	30 mm OE
APTH-14OE32	32 mm OE
APTH-14OE34	34 mm OE
APTH-14OE36	36 mm OE
APTH-14OE38	38 mm OE
APTH-14OE41	41 mm OE
APTH-14OE118	1-1/8" OE
APTH-14OE138	1-3/8" OE

AUDITOR TORQUE CUBE



ATC-10
ATC-25
ATC-100
ATC-250



ATC-150F

AUDITOR™

The Auditor Torque Cube (ATC) is a compact, versatile desktop tester that provides a multitude of capabilities. The ATC is designed to test hand or power tools with the following:

- Peak, first peak, and track modes
- Multiple engineering units
- Manual and auto clear function
- Multiple frequency response settings
- Bi-directional use and accuracy
- Accuracy is better than 1% of indicated reading top 90% of range
- Serial data output
- Memory: 999 data samples
- Battery and/or mains powered

Because precision and quality are critical, you can depend on our testers to calibrate and certify your tools. Whether you are assembling large complicated systems or small precise time pieces, AIMCO provides the best system for your application. Our instruments have been judged “best in class” by independent National Standards laboratories. Auditor Torque Cube is rugged enough to test and verify tools at “point of use” while still being accurate enough to calibrate hand and power tools.

Each tester is shipped with a mains/battery charger power cord, a hex to allen drive bit, and a bolting template. Models with max torque of 1,000 in-lb or less also include a joint rundown fixture. The ATC can be positioned vertically or horizontally for the ergonomic testing of inline or pistol grip tools.

Model	Recommended Torque Range		Weight		W x H x D		Sq. Dr.
	Nm	in-lb/ft-lb	kg	lb	mm	in	
Vertical Configuration							
ATC-10	0.13 – 1.13	1 – 10 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	1/4"
ATC-25	0.28 – 2.83	2.5 – 25 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	1/4"
ATC-100	1.13 – 11.3	10 – 100 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	1/4"
ATC-250	2.83 – 28.3	25 – 250 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	3/8"
Horizontal Configuration							
ATC-150F	20 – 200	15 – 150 ft-lb	2.25	5	79 x 95 x 83	3.13 x 3.75 x 3.25	1/2"

AUDITOR AUET TORQUE TESTERS



AUET



AUET/MTM



AUET/MTM-DC

AUDITOR UNIVERSAL ELECTRONIC TORQUE TESTERS

Auditor Universal Electronic Testers (AUET) have a broad range of features to accommodate most requirements. They are designed to be bench-top mounted and are available in several configurations and various single or multiple torque ranges. Onboard memory allows you to capture 999 torque event readings. The testers are also available in file capability (DC) models that require PC software Auditor Tool Manager (ATM).

Instruments up to 1,000 in-lb are supplied with rundown adapters/joint kits. Rundown kits for larger instruments can be ordered separately. AUET/MTM units are supplied with an external transducer port and selector switch for connecting additional transducers.

AUET testers utilize the same transducers as the ATC instruments, providing the same high quality accuracy and durability. The common interface makes the Auditor tester extremely user friendly.

Single Transducer Models

Model*	Recommended Torque Range
AUET-050(-DC)	5 – 50 in-oz / 0.4 – 3.6 kgf-cm
AUET-0100(-DC)	10 – 100 in-oz / 0.7 – 7.2 kgf-cm
AUET-10(-DC)	1 – 10 in-lb / 1.1 – 11.5 kgf-cm
AUET-50(-DC)	5 – 50 in-lb / 0.5 – 5.6 Nm
AUET-100(-DC)	10 – 100 in-lb / 1.1 – 11.3 Nm
AUET-250(-DC)	25 – 250 in-lb / 2.8 – 28.3 Nm
AUET-500(-DC)	50 – 500 in-lb / 5.7 – 56.5 Nm

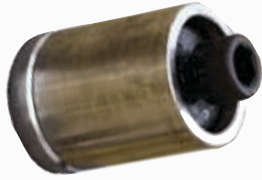
* Add “-DC” to part numbers for data collecting models.
Data collecting models allow multiple files/tools/applications to be associated with torque data. Requires Tool Manager software.
Custom sizes are also available. Contact an Eagle Group Customer Service Associate for ordering options, (503) 254-6600, or toll free (800) 852-1368.

Dual Transducer Models

Model*	Recommended Torque Range	
	Transducer 1	Transducer 2
AUET/MTM-050-25	5 – 50 in-oz / 0.04 – 0.4 Nm	2.5 – 25 in-lb / 0.3 – 2.8 Nm
AUET/MTM-050-600(-DC)	5 – 50 in-oz / 0.04 – 0.4 Nm	60 – 600 in-lb / 6.8 – 67.8 Nm
AUET/MTM-0100-050(-DC)	10 – 100 in-oz / 0.07 – 0.71 Nm	5 – 50 in-oz / 0.04 – 0.4 Nm
AUET/MTM-10-100(-DC)	1 – 10 in-lb / 0.11 – 1.12 Nm	10 – 100 in-lb / 1.3 – 11.3 Nm
AUET/MTM-50-250(-DC)	5 – 50 in-lb / 0.56 – 5.65 Nm	25 – 250 in-lb / 2.8 – 28.3 Nm
AUET/MTM-50-500(-DC)	5 – 50 in-lb / 0.56 – 5.65 Nm	50 – 500 in-lb / 5.7 – 56.5 Nm

* Add “-DC” to part numbers for data collecting models.
Data collecting models allow multiple files/tools/applications to be associated with torque data. Requires Tool Manager software.
Custom sizes are also available. Contact an Eagle Group Customer Service Associate for ordering options, (503) 254-6600, or toll free (800) 852-1368.

RUNDOWN FIXTURES



AUDITOR ARDIA RUNDOWN FIXTURES

To test power tools, pneumatic or electric, consistent rotational speed must be achieved. The joint rundown fixture/simulator provides the means by which the tool motor and spindle rotates freely at the start of the test cycle and then develops torque as rotation resistance increases as fastener/joint load increases. The linearity and consistency of the joint rundown fixtures/simulators vary greatly and the tool test data is a product of the variations in these rundown fixtures. Higher quality joint rundown fixtures produce torque data with less scatter.

- Enables accurate and repeatable testing of pneumatic or electric power tools
- Mechanical Belleville system of bolt, nut or nut body, Belleville washers and main housing
- Fixtures can be ordered to simulate hard, medium, or soft joints

ARDIA Models

Model*	Recommended Torque Range		Sq. Dr.
	Nm	in-lb	
ARDIA-10	0.13 - 1.13	1 - 10	1/4"
ARDIA-25	0.28 - 2.8	2.5 - 25	1/4"
ARDIA-50	0.56 - 5.6	5 - 50	1/4"
ARDIA-100	1.3 - 11.3	10 - 100	1/4"
ARDIA-150	1.7 - 16.9	15 - 150	1/4"
ARDIA-250	2.8 - 28.3	25 - 250	3/8"
ARDIA-350	4 - 40	35 - 350	3/8"
ARDIA-500	5.6 - 56.5	50 - 500	3/8"
ARDIA-750	8.5 - 84.7	75 - 750	3/8"
ARDIA-1000	11.3 - 1,000	100 - 113	3/8"

*Add "HD" to part numbers for wear resistant models. Add "HDS" to part numbers for fully encapsulated wear resistant models. Add "HDE" to part numbers for partial encapsulated wear-resistant models.

ARDIA Rundown Fixture connected to an AIMCO AISI transducer.



ERGO-ARM

TOOL SUPPORT SYSTEMS

Ergo Arm Series torque reaction arms reduce operator fatigue by absorbing torque transfer from the tool to the operator. Optional tool mounts are available for pistol grip and angle style tools. They are available in single or parallel configurations. Parallel configurations maintain tool perpendicularity to the work piece throughout tool travel. By providing ergonomic support, Ergo-Arms increase productivity, consistency, and accuracy.



PARALLEL ARM SERIES

AD-D1098-P, AD-D1098-PAC, AD-D1098-PACE

- Allows for freedom of movement
- Vertical adjustment eliminates cross-threading
- Fixtured tool increases repeatability
- Adjustable reach
- Available in air or oil cylinder models
- Electric tool mount standard on PACE model

SINGLE ARM SERIES

AD-D1098-S, AD-D1098-SAC

- Full tool rotation
- Allows for freedom of movement
- Adjustable reach
- Compatible with automatic screw feeder
- Available in air or oil cylinder models

Model*	Arm Style	Tool Mount	Reach		Capacity		Max. Torque*	
			in	mm	lb	kg	in-lb	Nm
AIR CYLINDER SERIES								
AD-D1098-SAC	Single	Air manifold	4 – 33	102 – 838	0 – 15	0 – 7	110	12
AD-D1098-PAC	Parallel	Air manifold	4 – 33	102 – 838	0 – 15	0 – 7	110	12
AD-D1098-PACE	Parallel	Electric	4 – 33	102 – 838	0 – 15	0 – 7	110	12
OIL CYLINDER SERIES								
AD-D1098-S	Single	Air manifold**	4 – 33	102 – 838	0 – 15	0 – 7	110	12
AD-D1098-P	Parallel	Air manifold	4 – 33	102 – 838	0 – 15	0 – 7	110	12

* Max torque allowed may be dependent on tool clutch type and joint rate
** For single arm electric tool mount, order EAP-202ED-KIT

SPECIAL FEATURES OF CLASSIC STYLE ERGO-ARM

Dual ball bearing joint construction for smoother movement and long life

Air regulator offers precision adjustment of resistance for perfect balance

Unique upper rail adjustment allows true vertical approach to any fastener — no cross-threading

WORKSTATION COMPONENTS & ASSEMBLIES

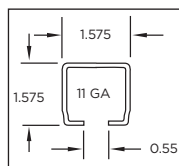
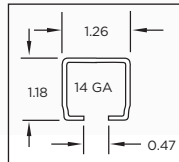
COMPONENTS

TRACK

Steel with beige polyester finish. Use for vertical and horizontal workstation support.



Part #	Length
30# Track	
AT3-3	3 ft track
AT3-4	4 ft track
AT3-6	6 ft track
AT3-9*	9 ft track
50# Track	
AT5-3	3 ft track
AT5-4	4 ft track
AT5-6	6 ft track
AT5-9*	9 ft track
AT5-12*	12 ft track



TRACK NUT (ATN-3/5)

Zinc plated steel. Use to attach accessories to track, as end stops, or to isolate rolling accessories.

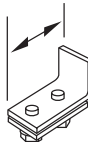
- ATN-3 for 30 lb. track
- ATN-5 for 50 lb. track



END STOP (AES-3/5)

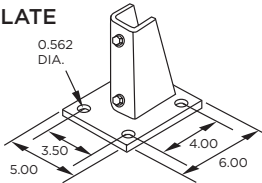
Zinc oxide finish. Use to prevent balancer trolley from "overtraveling" horizontal track.

- AES-3 for 30 lb. track
- AES-5 for 50 lb. track



MOUNTING PLATE (AMP-5)

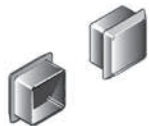
Black polyester finish. Use as a base to mount vertical uprights.



END CAP (AEP-3/5)

Black molded vinyl. Use to cap track ends for a professional finish.

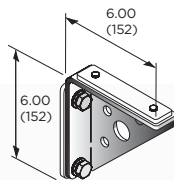
- AEP-3 for 30 lb. track
- AEP-5 for 50 lb. track



ANGLE BRACKET (AB-3/5)

Black polyester finish. Use to mount horizontal track to vertical track.

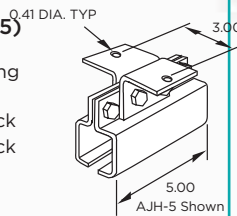
- AB-3 for 30 lb. track
- AB-5 for 50 lb. track



JOINT HANGER BRACKET (AJH-3/5)

Black polyester finish. Use to couple and hang end-to-end track.

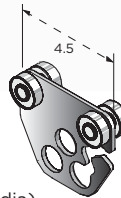
- AJH-3 for 30 lb. track
- AJH-5 for 50 lb. track



BALANCER TROLLEY (ABT-3/5)

Black polyester finish. Use as moving support for tool balancers, hose, and cable. Quality ball bearing wheels for long life and smooth tracking.

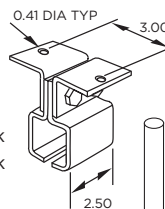
- ABT-3 for 30 lb track (1.00 dia)
- ABT-5 for 50 lb track (1.25 dia)



HANGER BRACKET (AHB-3/5)

Black polyester finish. Use to suspend track at right angle.

- AHB-3 for 30 lb. track
- AHB-5 for 50 lb. track



VERTICAL COLUMN (AVC-5*)

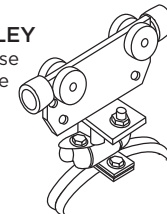
Beige polyester finish, 3" diameter x 9 ft upright steel column with welded base. Use as floor mount for extra stability with jibs or workstation components.



HOSE/CABLE TROLLEY

Black polyester finish. Use for moving cable or hose festoon. Supports hose cable OD .60-.94.

- AIC5-2 for 50 lb. track



U-BOLTS (AUB-5)

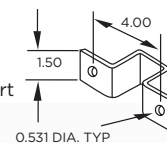
Zinc plated steel. Use to secure boom bracket, or any flat metal plate, to AVC-5 (sold individually).



SUPPORT CLAMPS (ASC-3/5)

Black polyester finish. Use as additional support for track.

- ASC-3 for 30 lb. track
- ASC-5 for 50 lb. track



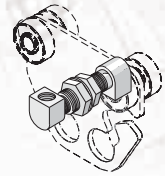
TOOL CLIP (SH-5)

Steel clip with safety latch. Use for tool attachment and as replacement clip for lightweight tool balancers. Length: 2.37"



90° CONNECTOR FOR 3/8" HOSE (WSCH)

3/8" I.D. Brass. Use to provide stable transfer point from air line to tool. 90 degree connector attaches to ABT-5.



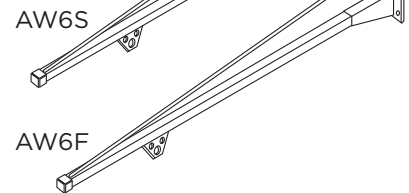
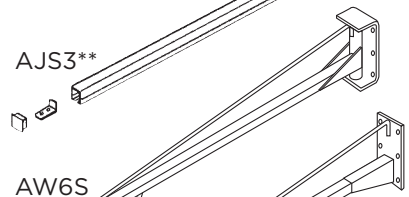
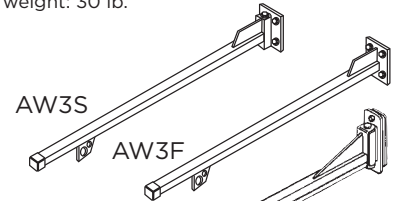
WALL AND FLOOR MOUNTED JIBS

3 FT. SWINGING JIB (AW3S)

3 FT. FIXED JIB (AW3F)

3 FT. SWINGING JIB FOR CHANNEL MOUNT (AJS3**)

Jibs are mounted to wall or beams to create free standing workstations. End stop, end cap, and balancer trolley included. Maximum weight: 30 lb.



6 FT. SWINGING JIB (AW6S)

6 FT. FIXED JIB (AW6F)

Jibs can be wall mounted or attached to vertical column (AVC-5) to create a freestanding workstation. End stop, end caps, and balancer trolley are included. Maximum weight: 50 lb.

All complete assemblies are beige polyester finish and include balancer trolley, end caps, and end stops. Floor mounted assemblies are not able to ship via UPS.

When choosing a workstation system, remember...

Total weight capacities should include tool balancer, hose/cable, and tool/fixture. Units need to be supported vertically and horizontally every 6 ft.

** Additional freight may apply

** AJS3 Does not include balancer trolley

WORKSTATION COMPONENTS & ASSEMBLIES

**FLOOR MOUNTED
3 FT. FIXED JIB*
(AW3FMF)**
Maximum weight: 30 lb
Column height: 6 ft

**FLOOR MOUNTED
6 FT. SWINGING
JIB* (AW6FMS)**

**FLOOR MOUNTED
6 FT. FIXED JIB*
(AW6FMF)**
Maximum weight: 50 lb
Column height: 9 ft

*Units include end stop,
balancer trolley and
intermediate carrier.

AW6FMS

AW6FMF

AW3FMF

**BENCH MOUNTED
SWINGING JIB (JJ30-S)**

**BENCH MOUNTED
FIXED JIB (JJ30)**
Maximum weight: 30 lb
Column height: 48" including mounting plate
3 ft. swinging jib includes balancer trolley, end stop, and cap

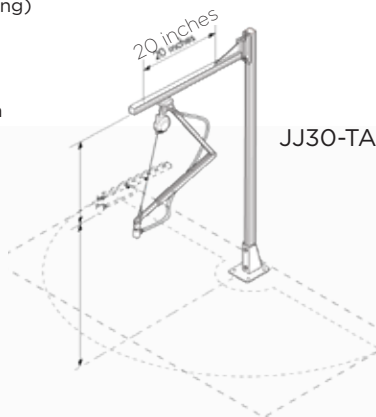
JJ30-S

AIMCO WORKSTATION KIT

**BENCH MOUNTED WORKSTATION
WITH TORQUE ARM (JJ30-TA**)**

- 5 lb. maximum weight (RPA-3 included)
- 5' column height including mounting plate
- 38" jib length (swinging)
- 15 ft-lb torque rating
- 3/8" NPT inlet
- 1/4" NPT outlet
- Beige polyester finish
- 1/4" braided air hose
- 21" maximum vertical arm travel

** Additional freight
may apply
** For use with
pneumatic
tools only



CREATE A CUSTOM SUPPORT SYSTEM

- Organize work area to create a safe, productive working environment
- Reduce risk of injury to assembler by providing support for heavy tools
- Protect valuable tools, fixtures, and monitoring devices from damage by suspending them out of the way

AIMCO BASIC WORKSTATION KIT (ATW-50)

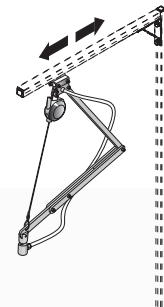


- 50 lb maximum weight capacity
- 48" uprights
- 36" extensions
- Table mounts included
- 6' tool rail with rolling trolley included
- All necessary hardware included

TROLLEY MOUNTED TORQUE ARM WITH 3-LB RETRACTOR AND HOSE (FA-50-2*)

Ergonomic arm absorbs torque
reaction. Moves front to back along
overhead jib.

(TA-50-2)
Moves side to side on overhead track.



TOOL BASKET (21226)
Mounts easily to any work area
to hold pistol and angle style
tools.

Eagle Group can customize a workstation for you.
Contact an Eagle Group Customer Service Associate (503) 254-6600, or toll free (800) 852-1368.

BALANCERS & RETRACTORS

TW SERIES BALANCERS

TW-0 and TW-00

- Gravity defying / “true balance”
- No tension buildup to cause worker fatigue
- Easy external direct drive tensioning
- 360° upper swivel
- Safety cable provision
- Tool clip included

TW-3 through TW-70

- Tapered drum allows “true balance” throughout cable travel
- Easy external direct drive tensioning
- Cast aluminum casing for durability
- Permanent lubrication
- 360° top swivel
- Enclosed spiral spring for added safety
- Safety chain provision (TW-3 through TW-15 models)
- Automatic safety lock plus manual drum lock (TW-22 through TW-70)

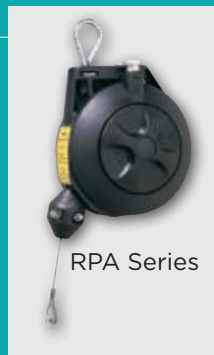


Model	Capacity		Anti-Gravity Capacity (lb)	Cable
	lb	kg		
TW-00	1.1 – 3.3	0.5 – 1.5	2.5 – 3	18" stranded steel cable 1/8" dia.
TW-0	1.1 – 3.3	0.5 – 1.5	2.5 – 3	3.3-ft stranded steel cable 1/8" dia..
TW-3	2.2 – 6.6	1 – 3	4.5 – 6	4.3-ft stranded steel cable 5/32" dia.
TW-5	5.5 – 11	2.5 – 5	8 – 10.5	4.3-ft stranded steel cable 5/32" dia.
TW-9	9.9 – 19.8	4.5 – 9	15 – 19	4.3-ft stranded steel cable 5/32" dia.
TW-15	19.8 – 33	9 – 15	26 – 32.5	4.3-ft stranded steel cable 5/32" dia.
TW-22	33 – 48.4	15 – 22	41 – 48	5-ft stranded steel cable 3/16" dia.
TW-30	48.4 – 66	22 – 30	58 – 65.5	5-ft stranded steel cable 3/16" dia.
TW-40	66 – 88	30 – 40	77.5 – 87.5	5-ft stranded steel cable 3/16" dia.
TW-50	88 – 110	40 – 50	100 – 109.5	5-ft stranded steel cable 3/16" dia.
TW-60	110 – 132	50 – 60	122 – 131	5-ft stranded steel cable 3/16" dia.
TW-70	132 – 154	60 – 70	144 – 153	5-ft stranded steel cable 3/16" dia.

RETRACTORS

RPA Series

- No tools needed to set tension
- 5 ft nylon coated steel cable
- Adjustable cable stop
- Tool clip included
- Model series supports weight range 0.5 – 5 lb
- Reinforced hanging bracket includes safety cable provision



RMA-L Series

- Steel housing with polyester finish
- Ratchet cable lock
- Permanently lubricated
- Tool clip included
- External tension adjustment
- Reinforced hanging bracket includes safety cable provision
- 8 ft of 3/32" diameter coated steel cable



Model	Capacity
RPA-1	0.5 – 1.5 lb 0.2 – 0.7 kg
RPA-2	1.5 – 3 lb 0.7 – 1.4 kg
RPA-3	3 – 5 lb 1.4 – 2.3 kg
RMA-7L	5 – 10 lb* 2.3 – 4.8 kg*
RMA-15L	10 – 15 lb* 4.5 – 6.8 kg*
RMA-20L	15 – 23 lb* 6.8 – 10.4 kg*

* With ratchet lock

BALANCERS & RETRACTORS

ASB-SERIES BALANCERS

- Built-in Safety Features: The cable, drum, and enclosed spring are fully visible without opening the unit for easy and convenient safety checks. The sturdy spiral spring is enclosed for greater control and safety
- Ergonomic Spring Release: The automatic safety lock provides extra control
- Extended Cable Length: Stainless steel cables allow for extended reach on applications
- Enhanced Gear Mechanism: Allows for more exact adjustment of tension
- No Recoil and Low Resistance: Tapered drum style provides gravity defying tool positioning and low travel



ASB-OC Gravity Defying and Hand Adjustable Balancer



ASB-3C
ASB-5C

Model	Capacity		Stroke		Weight	
	lb	kg	in	cm	lb	kg
ASB-OC	1.1 - 3.3	0.5 - 1.5	51.1	130	1.5	0.7
ASB-3C	3.3 - 6.6	1.5 - 3	86.4	220	3.0	1.4
ASB-5C	5.5 - 11	2.5 - 5	86.4	220	3.4	1.5

LR SERIES LINE REEL BALANCERS

- Designed for light duty applications with small pneumatic tools
- Integrating air hose and support cable keep work areas clean
- Adjustable ball stop for optional positioning
- 1/4" I.D. polyvinyl hose with 1/4" NPT inlet
- 360° upper swivel
- Maximum 142 PSI



LR-09B-90/200

Model	Capacity		Hose Length	
	lb	kg	in	cm
LR-09B-90	3	1.5	35.5 in	90
LR-09B-200	3	1.5	78.3	199

FRL FILTER/REGULATORS

AFRL STACKING FILTERS/REGULATORS

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

- 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 Eagle Group Customer Service Associate for more information, (503) 254-6600, or toll free (800) 852-1368
- Maximum allowable Input Pressure not to exceed 120 PSI



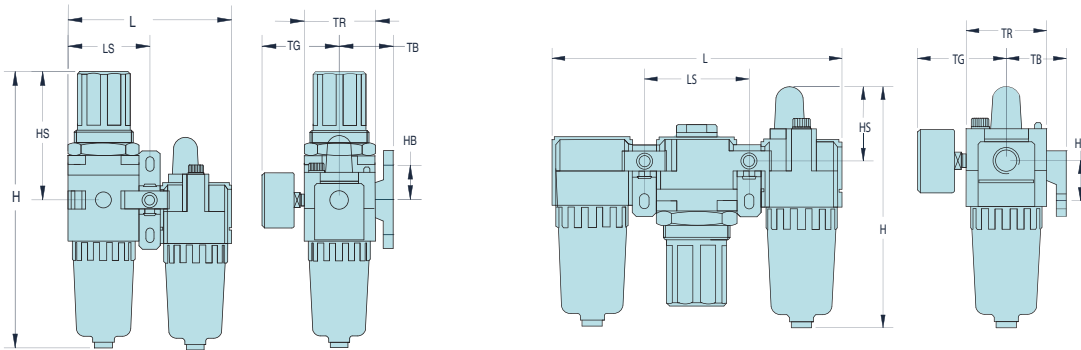
AFRL-2-C
AFRL-3-C



AFRL-3
AFRL-4
AFRL-8

Model	Port	Gauge Port	Flow Rate		Bowl Shield
			CFM	l/min	
AFRL-2	1/4"	1/8"	70	2,000	yes
AFRL-2-C	1/4"	1/8"	60	1,700	yes
AFRL-3	3/8"	1/4"	140	4,000	yes
AFRL-3-C	3/8"	1/4"	105	3,000	yes
AFRL-4	1/2"	1/4"	140	4,000	yes
AFRL-8	1"	1/4"	180	5,000	yes

Dimensions

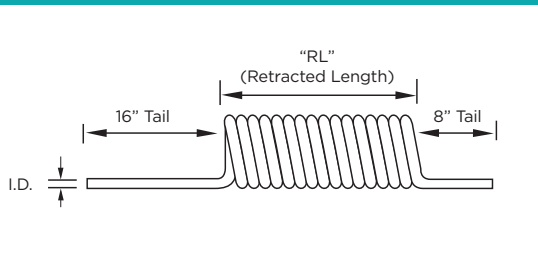


Model	H in/mm	HB in/mm	HS in/mm	L in/mm	LS in/mm	TB in/mm	TG in/mm	TR in/mm
AFRL-2	6.16 (156.5)	1.39 (35.3)	1.50 (38.1)	7.13 (181.1)	2.52 (64)	1.61 (41)	2.39 (60.7)	2.09 (53.1)
AFRL-2-C	8.31 (211.1)	1.38 (35.1)	3.64 (92.5)	4.61 (117.1)	2.30 (58.4)	1.61 (40.9)	2.39 (60.7)	2.09 (53.1)
AFRL-3	7.54 (191.5)	1.57 (40)	1.61 (40.9)	9.37 (238)	3.31 (84.1)	1.97 (50)	2.58 (65.5)	2.76 (70.1)
AFRL-3-C	10.31 (261.9)	1.57 (39.9)	4.41 (112)	6.06 (153.9)	3.03 (77)	1.97 (50)	2.58 (65.5)	2.76 (70.1)
AFRL-4	7.54 (191.5)	1.57 (40)	1.61 (40.9)	9.37 (238)	3.31 (84.1)	1.97 (50)	2.58 (65.5)	2.76 (70.1)
AFRL-8	10.69 (271.5)	1.97 (50)	1.89 (48)	11.81 (300)	4.13 (104.9)	2.75 (69.9)	2.97 (75.4)	3.54 (89.9)

POLYURETHANE AIR HOSE

Single Air Hose Assemblies (Coiled)

- Durable Polyurethane is chemical resistant and lightweight, and provides excellent recoil memory and maximum flexibility
- Available in transparent hose color (opaque also available)
- Assemblies for coiled hose include reusable swivel fitting. Straight hose available with or without fittings
- Working temperature: -104° F to 175° F



Model	Size (O.D. x I.D. x Length)	Retracted Length	Working Pressure	NPT Fittings
ASH-250C-10MSZ	3/8" x 1/4" x 10'	7"	100 psi	1/4"
ASH-250C-15MSZ	3/8" x 1/4" x 15'	9-1/2"	100 psi	1/4"
ASH-250C-25MSZ	3/8" x 1/4" x 25'	15-1/2"	100 psi	1/4"
ASH-375C-15MSZ	9/16" x 3/8" x 15'	10"	100 psi	3/8"
ASH-375C-25MSZ	9/16" x 3/8" x 25'	14"	100 psi	3/8"
ASH-500C-15MSZ	3/4" x 1/2" x 15'	13"	100 psi	1/2"
ASH-500C-25MSZ	3/4" x 1/2" x 25'	23"	100 psi	1/2"

Custom length coil assemblies and special colors available in minimum order quantities. Contact an Eagle Group Customer Service Associate, (503) 254-6600, or toll free (800) 852-1368.

Straight Air Hose

- Sold per foot
- For full-reel pricing, contact an Eagle Group Customer Service Associate, (503) 254-6600, or toll free (800) 852-1368.



Model	I.D.
ASH-375Z	3/8"
ASH-500Z	1/2"

RUBBER HOSE

- Designed for use in a wide range of industrial, construction, and agricultural applications
- Constructed of high grade, reinforced EPDM synthetic rubber
- Working temperature: -40° F to 190° F



I.D.	O.D.	Length	Working Pressure	Weight
3/16"	0.44"	10 ft	200 psi	0.8 lb
1/4"	0.5"	10 ft	200 psi	0.9 lb
5/16"	0.58"	10 ft	200 psi	1.2 lb
3/8"	0.67"	10 ft	200 psi	1.5 lb
1/2"	0.81"	10 ft	200 psi	2.0 lb
5/8"	0.97"	10 ft	200 psi	2.7 lb
3/4"	1.12"	10 ft	200 psi	3.4 lb

Custom lengths available. Contact an Eagle Group Customer Service Associate, (503) 254-6600, or toll free (800) 852-1368.

AIR LINE ACCESSORIES

BRASS QUICK COUPLERS

Manual ball couplers designed for use with ergonomic twist plugs. Brass with nitrile seals, rated to 300 PSI, from -40° to +250° F.

Model	Description
B23	1/4" NPT F x 1/4" QC
B23E	1/4" NPT F x 3/8" QC
B25	3/8" NPT F x 3/8" QC

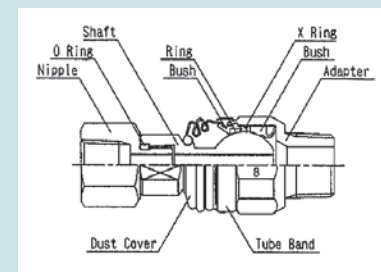


ERGONOMIC TWIST PLUGS



These unique, ergonomically designed hose fittings provide 360° rotation and 35° angled rotation in any direction.

- Two rotation points prevent kinking of air hose
- Design ensures full air pressure flow
- Rotating joint has polyurethane dust cover
- Heavy-duty construction



Model	Description
TS-30NP-2NPT	3/8" NPT Female x 1/4" NPT Male
TS-20NP-2NPT	1/4" NPT Female x 1/4" NPT Male
TS-20US-2NPT	1/4" US Plug x 1/4" NPT Male
TS-30US-3NPT	3/8" US Plug x 3/8" NPT Male

MINI AIR GAUGE SWIVEL JOINT KITS

- Bi-directional 360° rotation
- Keeps air hose straight and untwisted
- Decreases operator fatigue



Model	Inlet	Weight	Max PSI	Tool CFM
7021AG	1/4" NPT	3 oz	Up to 125	25
7041AG	3/8" NPT	3 oz	Up to 125	50

SWIVEL AIR FITTINGS

For use with most portable air tools, including grinders, drills, screwdrivers, buffers, sanders, staple guns, and more. Rotates 360° for awkward angles.



Model	Inlet	Weight	Max PSI	Tool CFM
7021	1/4" NPT	3 oz	Up to 125	25
7041A	3/8" NPT	11 oz	Up to 125	50
7051	1/2" NPT	7 oz	Up to 125	60

BRASS ADAPTERS AND BUSHINGS



Pipe fittings for use as medium and low pressure connectors. Meets functional requirements of SAE J530, SAE J531, ASME and ASA. Rated 1,000 PSI from -65° to +250° F.

Model	Description
222P-6-4	3/8" NPT F x 1/4" NPT M Adapter
222P-8-6	1/2" NPT F x 3/8" NPT M Adapter
222P-12-8	3/4" NPT F x 1/2" NPT M Adapter
209P-6-4	1/4" NPT F x 3/8" NPT M Bushing
209P-8-6	3/8" NPT F x 1/2" NPT M Bushing

AIR LINE FITTINGS

Model	Description
375-RZ	1/4" NPT Rigid Fitting
250-RZ	1/4" NPT Swivel Fitting
375-SZ	3/8" NPT Rigid Fitting
250-SZ	3/8" NPT Swivel Fitting
500-SZ	1/2" NPT Swivel Fitting











RESOURCES

CONVERSION TABLES

Fraction • Decimal • Metric Conversions (to .32)

Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm
1/32	.03125	.7938	9/32	.28125	7.1438	17/32	.53125	13.4938	25/32	.78125	19.8438
1/16	.0625	1.5875	5/16	.3125	7.9375	9/16	.5625	14.2875	13/16	.8125	20.6375
3/32	.09375	2.3812	11/32	.34375	8.7312	19/32	.59375	15.0812	27/32	.84375	21.4312
1/8	.125	3.175	3/8	.375	9.525	5/8	.625	15.875	7/8	.875	22.225
5/32	.15625	3.9688	13/32	.40625	10.3188	21/32	.65625	16.6688	29/32	.90625	23.0188
3/16	.1875	4.7625	7/16	.4375	11.1125	11/16	.6875	17.4625	15/16	.9375	23.8125
7/32	.21875	5.5562	15/32	.46875	11.9062	23/32	.71875	18.2562	31/32	.96875	24.6062
1/4	.25	6.35	1/2	.5	12.7	3/4	.75	19.05	1	1.0	25.4

Thread Size to Hex Size

 Metric Bolt Size	 Socket Hex Size (mm)	 Metric Bolt Size	 Socket Hex Size (mm)	 Metric Bolt Size	 Socket Hex Size (mm)	 SAE Bolt Size	 Socket Hex Size (in)	 UNC Bolt Size	 Socket Hex Size (in)
M 2	4	M 14	21	M 52	80	1/4	7/16	1/4	7/16
M 2.3	4.5	(M 14)	22	M 56	85	5/16	1/2	5/16	1/2
M 2.6	5	M 16	24	M 60	90	3/8	9/16	3/8	9/16
M 3	5.5	M 18	27	M 64	95	7/16	5/8	7/16	11/16
M 3.5	6	M 20	30	M 68	100	1/2	3/4	1/2	3/4
M 4	7	(M 22)	32	M 72	105	9/16	7/8	9/16	7/8
M 5	8	M 22	34	M 76	110	5/8	15/16	5/8	15/16
(M 5-6)	9	M 24	36	M 80	115	3/4	1-1/16	3/4	1-1/8
M 6	10	M 27	41	M 85	120	7/8	1-1/4	7/8	1-5/16
M 7	11	M 30	46	M 90	130	1-1/8	1-7/16	1	1-1/2
M 8	13	M 33	50	M 95	135	1-1/4	1-13/16	1-1/8	1-11/16
(M 8)	14	M 36	55	M 100	145	1-3/8	2	1-1/4	1-7/8
M 10	16	M 39	60	M 105	150	1-1/2	2-3/16	1-3/8	2-1/16
(M 10)	17	M 42	65	M 110	155			1-1/2	2-1/4
M 12	18	M 45	70	M 115	165			1-3/4	2-5/8
(M 12)	19	M 48	75	M 120	170			2	3
								2-1/4	3-3/8
								2-1/2	3-3/4

Torque Conversion Factors

Units to be Converted	SAE			METRIC			INTERNATIONAL SYSTEM - S.I.		
	ozf-in	lbf-in	lbf-ft	gf-cm	kgf-cm	kgf-m	mNm	cNm	Nm
1 ozf-in	1	0.0625	0.005	72	0.072	0.0007	7.062	0.706	0.007
1 lbf-in	16	1	0.083	1152.1	1.152	0.0115	113	11.3	0.113
1 lbf-ft	192	12	1	13826	13.83	0.138	1356	135.6	1.356
1 gf-cm	0.014	0.0009	0.00007	1	0.001	0.00001	0.098	0.01	0.0001
1 kgf-cm	13.89	0.868	0.072	1000	1	0.01	98.07	9.807	0.098
1 kgf-m	1389	86.8	7.233	100000	100	1	9807	980.7	9.807
1 mN-m	0.142	0.009	0.0007	10.2	0.01	0.0001	1	0.1	0.001
1 cN-m	1.42	0.088	0.007	102	0.102	0.001	10	1	0.01
1 N-m	141.6	8.851	0.738	10197	10.20	0.102	1000	100	1

WARRANTY INFORMATION

NEW TOOL AND ACCESSORY WARRANTY

Any new tool or accessory branded with the Eagle name, and purchased from EAGLE GROUP (EAGLE), or through one of its authorized distributors or agents, is warranted to the original buyer against defects in materials and workmanship for a period of one (1) year* from date of delivery. Under the terms of this warranty, EAGLE GROUP will repair or replace any product or accessory warranted hereunder and returned freight prepaid proving to EAGLE GROUP's satisfaction to be defective as a result of workmanship or materials. In order to qualify for this warranty, written notice to EAGLE GROUP must be given immediately upon discovery of such defect, at which time EAGLE GROUP will issue an authorization to return the tool. The defective item must be promptly returned to an authorized EAGLE GROUP service center with all freight charges prepaid.

REPAIRED TOOL WARRANTY

Once a tool is beyond the new product warranty period, as detailed above, EAGLE GROUP will provide repair warranty on pneumatic tools for a period of 90 days* beyond the warranted repair date.

EXCLUSION FROM WARRANTY

This warranty is valid only on products purchased from EAGLE GROUP, or thru its authorized distributors or agents. EAGLE GROUP shall have no obligation pursuant to the EAGLE GROUP Warranty with respect to any tools or accessories which in EAGLE GROUP's sole judgment have been altered, damaged, misused, abused, badly worn, lost or improperly maintained. This Warranty is null and void if the customer, or any other person other than an authorized representative of EAGLE GROUP, has made any attempt to service or modify the tool or accessory prior to its return to EAGLE GROUP under this Warranty.

The warranty provision with respect to each such product may be amended by EAGLE GROUP from time to time in its sole discretion. The liability of EAGLE GROUP hereunder shall be limited to replacing or repairing, at its option, any products which are returned freight prepaid to EAGLE GROUP and which EAGLE GROUP determines to be defective as described above or, at EAGLE GROUP's option, refunding the purchase price of such products.

EAGLE GROUP reserves the right to make periodic changes in construction or tool design at any time. EAGLE GROUP specifically reserves the right to make these changes without incurring any obligation or incorporating such changes or updates in tools or parts previously distributed.

THE EAGLE GROUP WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND EAGLE GROUP EXPRESSLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY SETS FORTH THE SOLE AND EXCLUSIVE REMEDY IN CONTRACT, TORT, STRICT LIABILITY, OR OTHERWISE.

THIS WARRANTY IS THE ONLY WARRANTY MADE BY EAGLE GROUP WITH RESPECT TO THE GOODS DELIVERED HEREUNDER, AND MAY BE MODIFIED OR AMENDED ONLY BY A WRITTEN INSTRUMENT SIGNED BY A DULY AUTHORIZED OFFICER OF EAGLE GROUP.

LIMITATION OF LIABILITY

EAGLE GROUP'S LIABILITY PURSUANT TO WARRANTY OF THE PRODUCTS COVERED HEREUNDER IS LIMITED TO REFUND OF THE PURCHASE PRICE. IN NO EVENT SHALL EAGLE GROUP BE LIABLE FOR COSTS OF PROCUREMENT OF SUBSTITUTE GOODS BY THE BUYER. IN NO EVENT SHALL EAGLE GROUP BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL OR OTHER DAMAGES (INCLUDING WITHOUT LIMITATION, LOSS OF PROFIT) WHETHER OR NOT EAGLE GROUP HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSS, HOWEVER CAUSED, WHETHER FOR BREACH OR REPUDIATION OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE OR OTHERWISE. THIS EXCLUSION ALSO INCLUDES ANY LIABILITY WHICH MAY ARISE OUT OF THIRD PARTY CLAIMS AGAINST BUYER. THE ESSENTIAL PURPOSE OF THIS PROVISION IS TO LIMIT THE POTENTIAL LIABILITY OF EAGLE GROUP ARISING OUT OF THIS AGREEMENT AND/OR SALE.

Note: The EAGLE GROUP Warranty confers specific legal rights, however some states or jurisdictions may not allow certain exclusions or limitations within this warranty.

* All warranty periods addressed herein are determined using a standard shift, eight-hour work day.

EAGLE GROUP

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10000 SE Pine Street
Portland, OR 97216
800.852.1368

INDEX

MODEL #	PAGE	MODEL #	PAGE	MODEL #	PAGE	MODEL #	PAGE	MODEL #	PAGE
A									
AB-3	.19	APTH-12OE13	.14	ASC-5	.19	L		TW-15	.21
AB-3/5	.19	APTH-12OE14	.14	ASH-250C-10MSZ	.24	LR-09B-90	.22	TW-22	.21
AB-5	.19	APTH-12OE15	.14	ASH-250C-15MSZ	.24	LR-09B-200	.22	TW-30	.21
ABT-3	.19	APTH-12OE16	.14	ASH-250C-25MSZ	.24			TW-40	.21
ABT-5	.19	APTH-12OE17	.14	ASH-375C-15MSZ	.24	R		TW-50	.21
AD-D1098-P	.18	APTH-12OE18	.14	ASH-375C-25MSZ	.24	RMA-7L	.21	TW-60	.21
AD-D1098-PAC	.18	APTH-12OE19	.14	ASH-375Z	.24	RMA-15L	.21	TW-70	.21
AD-D1098-PACE	.18	APTH-12OE20	.14	ASH-500C-15MSZ	.24	RMA-20L	.21		
AD-D1098-S	.18	APTH-12OE50	.14	ASH-500C-25MSZ	.24	RPA-1	.21	W	
AD-D1098-SAC	.18	APTH-12RT25	.14	ASH-500Z	.24	RPA-2	.21	WSCH	.19
AE-224PS	.12	APTH-12RT38	.14	AT3-3	.19	RPA-3	.21	Numbers	
AE-278PS	.12	APTH-12RT50	.14	AT3-4	.19			1101	.5
AE-2015	.11	APTH-12SD25	.14	AT3-6	.19	S		1102	.5
AE-2020	.10	APTH-12SD38	.14	AT3-9	.19	SH-5	.19	1105	.5
AE-2045A	.12	APTH-12SD50	.14	AT5-3	.19	SIW-38PR	.7	1115	.6
AE-4020	.10	APTH-14ADP	.14	AT5-4	.19	SIW-50PR	.7	1121	.6
AE-4520	.10	APTH-14BLANK	.14	AT5-6	.19	SIW-B20LI	.7	1577	.6
AE-4520ESD	.10	APTH-14OE1	.14	AT5-9	.19	SIW-B20LI-HC	.7	209P-6-4	.25
AE-5681	.10	APTH-14OE13	.14	AT5-12	.19	SIW-C18-20	.7	209P-8-6	.25
AE-5681ESD	.10	APTH-14OE14	.14	ATC-10	.15	SIW-P2525Q	.7	222P-6-4	.25
AE-6300	.11	APTH-14OE15	.14	ATC-25	.15	SIW-P3225Q	.7	222P-8-6	.25
AE-6300S	.11	APTH-14OE16	.14	ATC-100	.15	SIW-P3238	.7	222P-12-8	.25
AE-6450	.11	APTH-14OE17	.14	ATC-150F	.15	SIW-P5538	.7	250-RZ	.25
AE-6450S	.11	APTH-14OE18	.14	ATC-250	.15	SIW-P5550	.7	250-SZ	.25
AE-7010	.10	APTH-14OE19	.14	ATN-3	.19	SIW-P10050	.7	21226	.9, 20
AE-7010PS	.10	APTH-14OE21	.14	ATN-5	.19	SIW-P12050	.7	28796	.24
AE-7080A	.12	APTH-14OE22	.14	ATW-50	.20	SIW-PBL	.7	375-RZ	.25
AE-8010	.10	APTH-14OE24	.14	AUB-5	.19	SPC-2PGM	.9	375-SZ	.25
AE-8010PS	.10	APTH-14OE25	.14	AUET-10(-DC)	.16	SPC-A21025	.8	4H2055	.12
AE-8681	.10	APTH-14OE27	.14	AUET-50(-DC)	.16	SPC-A21025Q	.8	500-SZ	.25
AE-8681	.10	APTH-14OE30	.14	AUET-0100(-DC)	.16	SPC-A21038	.8	7P-0620-1	.5
AEP-3	.19	APTH-14OE32	.14	AUET-250(-DC)	.16	SPC-A21038	.8	7021	.25
AEP-5	.19	APTH-14OE34	.14	AUET-500(-DC)	.16	SPC-A21625	.8	7021AG	.25
AE-PG7080	.12	APTH-14OE36	.14	AUET-10-100(-DC)	.16	SPC-A21625Q	.8	7041A	.25
AES-3	.19	APTH-14OE38	.14	AUET/MTM-050-25	.16	SPC-A21638	.8	7041AG	.25
AES-5	.19	APTH-14OE41	.14	AUET/MTM-50-250(-DC)	.16	SPC-A23038	.8	7051	.25
AE-TC2040	.12	APTH-14OE41	.14	AUET/MTM-50-500(-DC)	.16	SPC-A23538	.8		
AE-TC7080	.12	APTH-14OE118	.14	AUET/MTM-50-600(-DC)	.16	SPC-A25038	.8		
AFRL-4	.23	APTH-14OE138	.14	AUET/MTM-0100-050(-DC)	.16	SPC-A27038	.8		
AFRL-2	.23	APTH-14RE32	.14	AVC-5	.19	SPC-A210050	.8		
AFRL-2-C	.23	APTH-14RT34	.14	AW3F	.19	SPC-B218LI	.9		
AFRL-3	.23	APTH-14RT50	.14	AW3FMF	.20	SPC-B218LI-HC	.9		
AFRL-3-C	.23	APTH-14SD50	.14	AW3S	.19	SPC-C218-19	.9		
AFRL-8	.23	APTW-25	.14	AW6F	.19	SPC-P2325Q	.8		
AHB-3	.19	APTW-50	.14	AW6FMF	.20	SPC-P2625Q	.8		
AHB-5	.19	APTW-100	.14	AW6FMS	.20	SPC-P2925Q	.8		
AIC5-2	.19	APTW-150	.14	AW6S	.19	SPC-P21225Q	.8		
AJH-3	.19	APTW-200	.14	B		SPC-P-HL-LH	.9		
AJH-5	.19	APTW-340	.14	B23	.25	SPC-P-HL-RH	.9		
AJS3	.19	ARDIA-10	.17	B23E	.25	SPC-QC	.9		
AM-45	.12	ARDIA-25	.17	B25	.25	T			
AM-65	.12	ARDIA-50	.17	BJ10082	.9	TA-50-2	.20		
AMP-5	.19	ARDIA-100	.17	BJ10083	.9	TS-20NP-2NPT	.25		
APM-30	.12	ARDIA-150	.17	F		TS-20US-2NPT	.25		
APTH-12ADP	.14	ARDIA-250	.17	FA-50-2	.20	TS-30NP-2NPT	.25		
APTH-12BLANK	.14	ARDIA-350	.17	J		TS-30US-3NPT	.25		
APTH-12OE7	.14	ARDIA-500	.17	JJ30	.20	TW-00	.21		
APTH-12OE8	.14	ARDIA-750	.17	JJ30-S	.20	TW-0	.21		
APTH-12OE9	.14	ARDIA-1000	.17	JJ30-TA	.20	TW-3	.21		
APTH-12OE10	.14	ASB-OC	.22			TW-5	.21		
APTH-12OE11	.14	ASB-3C	.22			TW-9	.21		
APTH-12OE12	.14	ASB-5C	.22						
		ASC-3	.19						



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