



# *Signature Series*

PRECISION CORDLESS TOOLS

# Signature Series

## Precision Cordless Tools

AIMCO's range of Signature Series cordless tools are designed to meet diverse industrial needs. These innovative tools are easy to handle because of their lightweight construction, reducing user fatigue during extended use. Their compact design allows for efficient operation in confined spaces. Highly portable, these cordless tools allow freedom of movement without the constraints of a power cord, and can be used in applications where pneumatic or corded electric tools are impractical because of the hoses and cables they require. Additionally, AIMCO's Signature Series cordless tools deliver highly accurate results, ensuring precision and reliability in a wide range of applications.

### AIMCO's Signature Series Line



**SPC Precision Clutch Tools**

SPC Precision Clutch tools have a quick-releasing clutch shut-off mechanism, which results in accuracy across multiple joint types.

- Torque range: 0.8 - 100 Nm  
0.6 -74 ft-lbs
- Extremely accurate
- Available in pistol and angle models
- Uses 18V Li-ion battery
- Additional programming options available by connecting the optional SPC-2PGM Programmer



**SIW Shut-Off Impact Tools**

SIW Impact Tools offer a degree of controllability and motor controls unlike other cordless impacts.

- Torque range: 3 - 120 Nm  
2 - 89 ft-lbs
- Extremely accurate
- No torque reaction
- Ergonomic and lightweight
- Available in pistol models
- Reduced vibration
- Uses 18V Li-ion battery
- Additional programming options available by connecting the optional SPC-2PGM Programmer



**SPT Transducerized Tools**

SPT Transducerized Tools are equipped with a transducer for precise torque measurement and high accuracy.

- Torque range: 3 - 60 Nm  
2.2 - 44.3 ft-lbs
- Extremely accurate
- Variable speed control trigger
- Wifi enabled
- Available in pistol and angle models
- Uses 20V Li-ion batteries
- Programmable at the back of the tool or through software
- Easy Poka-Yoke connection to line controls with optional DWL-B Receiver

All tools have an easy-to-attach sliding battery system with a Li-ion battery pack that delivers longer run time

Quick shut-off, precision clutch minimizes torque reaction and ensures precise application of torque

PRECISION CLUTCH TOOLS

Signature Series precision clutch tools feature a quick-releasing clutch that delivers accuracy across multiple joint types. Constructed of precision machined parts, this tool guarantees accuracy with durability over the life of the tool.

FEATURES AND BENEFITS

- 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
- 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



Available in pistol and angle configurations. Fully customizable head options



Operator Feedback

A buzzer and LED indicator lights provide simple audible and visual process information to the operator

Pistol Tools



Angle Tools





SPC-P23250



SPC-A21625

SPC-A27038

### SPC Signature Series Cordless Clutch Tools

Model	Torque Range		Free Speed RPM Range (Programmable with Programmer Accessory)	Battery Voltage	Tool Weight (w/o Battery)		Anvil Size
	NM	FT-LB			LB	KG	
Pistol* Q = Quick Change Output							
SPC-P23250	.8 - 3	.6 - 2.2	500 - 1,550	18V	2.1	.95	1/4" QC
SPC-P26250	1 - 6	.7 - 4.4	300 - 1,000	18V	2.1	.95	1/4" QC
SPC-P29250	1.5 - 9	1.1 - 6.6	300 - 800	18V	2.1	.95	1/4" QC
SPC-P212250	2 - 12	1.5 - 8.8	250 - 600	18V	2.1	.95	1/4" QC
Right Angle** Q = Quick Change Output							
SPC-A21025Q	3 - 12	2.2 - 8.8	400 - 1,000	18V	3.5	1.6	1/4" QC
SPC-A21025	3 - 12	2.2 - 8.8	400 - 1,000	18V	3.5	1.6	1/4" Sq
SPC-A21038	3 - 12	2.2 - 8.8	400 - 1,000	18V	3.5	1.6	3/8" Sq
SPC-A21625Q	5 - 18	3.7 - 13.3	300 - 600	18V	3.5	1.6	1/4" hex
SPC-A21625	5 - 18	3.7 - 13.3	300 - 600	18V	3.5	1.6	1/4" Sq
SPC-A21638	5 - 18	3.7 - 13.3	300 - 600	18V	3.5	1.6	3/8" Sq
SPC-A23038	8 - 30	5.9 - 22	250 - 480	18V	3.5	1.6	3/8" Sq
SPC-A23538	10 - 35	7.4 - 25.8	220 - 330	18V	3.5	1.6	3/8" Sq
SPC-A25038	22 - 50	16.5 - 37	200 Non-Programmable Fixed Speed***	18V	5.3	2.4	3/8" Sq
SPC-A27038	30 - 70	22 - 51.7	170 Non-Programmable Fixed Speed***	18V	6.3	2.9	3/8" Sq
SPC-A210050	35 - 100	26 - 74	119 Non-Programmable Fixed Speed***	18V	7.4	3.4	1/2" Sq

\* Pistol 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

### BATTERIES AND CHARGER



SPC-B218LI



SPC-B218L-HC



SPC-C218-20

One universal battery and charger interface with all of the Signature Series Precision Clutch tools. Each tool utilizes the same lightweight 18V Li-Ion battery, which provides superior battery life. The charger accepts input AC power of 100 - 240VAC, making use simple anywhere in the world.

### Batteries and Charger for Signature Series SPC Cordless Clutch Tools

Battery Model	Voltage	Type	Capacity	Weight
SPC-B218LI	18V	Li-Ion	2.0 Ah	.8 Lb .4 kg
SPC-B218L-HC	18V	Li-Ion	4.0 Ah	1.4 Lb .64 kg
Charger Model	Output	Input	Dimensions (W/O Battery)	Weight
SPC-C218-20	18V-19.2V 3.0 A	100-240VAC 50-60 Hz	6.25" deep x 5" wide x 3.5" tall 158.75 mm x 127 mm x 89 mm	1.2 Lb .54 kg

### BODY JACKETS

Prevent damage to the workpiece.

Model	Description
BJ10082	Clear Body Jacket for Signature Series Precision Clutch Pistol Tools
BJ10083	Clear Body Jacket for Signature Series Precision Clutch Angle Nutrunners



Tested and **PROVEN** to **BEAT** the competition in vibration and noise levels

SIW tools outperform the competition in number of rundowns per battery charge

## SHUT-OFF IMPACT TOOLS

The Signature Series SIW Impact Shut-Off Pistol Tool can operate as a standard impact wrench or as an impact wrench with a programmable shut-off point, preventing over-torquing. These innovative tools deliver a torque range of 3 – 120 Nm (2 – 89 ft-lb). No torque reaction, coupled with the ergonomic, lightweight design and reduced vibration, helps to prevent user injury.

## FEATURES AND BENEFITS

- Brushless motor provides longer motor life and increased efficiency
- Easy-to-read process information lights
- Advanced shut-off system
- LED light for work-area illumination
- Programmable buttons for easy operation
- Li-Ion battery provides long battery life
- Mini USB port for connection to optional programmer (SPC-2PGM)



SIW-P3238

## Operator Feedback

A buzzer and information lights provide simple audible and visual process information to the operator. Set torque using the button on the back of the tool.

### LED Indicators

- Reverse
- OK
- NOK
- ★ Tool Warning
- ★ Low Battery Warning
- Change Battery





SIW-P5538



SIW Signature Series Cordless Impact Tools

Model	Torque Range		Max Torque		Free Speed	Battery (V)	Weight		Anvil Size	Noise Level dB(A)
	NM	FT-LB	NM	FT-LB			LB	KG		
SIW-P2525Q	3 - 25	2 - 18	40	30	2,400	20	2.2	1	1/4 QC	71
SIW-P3225Q	6 - 32	4 - 24	90	66	2,400	20	2.2	1	1/4 QC	71
SIW-P3238	6 - 32	4 - 24	90	66	2,400	20	2.2	1	3/8 Sq Dr	71
SIW-P5538	15 - 55	11 - 41	120	90	2,400	20	2.4	1.1	3/8 Sq Dr	71
SIW-P5550	15 - 55	11 - 41	120	90	2,400	20	2.4	1.1	1/2 Sq Dr	71
SIW-P10050	25 - 100	18 - 74	180	133	2,400	20	2.4	1.1	1/2 Sq Dr	71
SIW-P12050	30 - 120	22 - 89	210	155	2,400	20	2.9	1.3	1/2 Sq Dr	71

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

BATTERY AND CHARGER

The Signature Series Shut-Off Impact Tool battery features a slim profile design and a slide mount connection to the tool, which ensures durability and makes changing out batteries quick and easy.

Battery Model #	Voltage / Capacity	Type
SIW-B20LI	20V, 2.0 Ah	Li-Ion
SIW-B20LI-HC	20V, 4.0 Ah	Li-Ion
Charger Model #	Output	Input
SIW-C18-20	18 - 20V, 4.0 A	100 - 240VAC, 50-60 Hz



SIW-B20LI

SIW-B20LI-HC



SIW-C18-20

ACCESSORIES

Model #	Description
BJ10091	Grey Body Jacket Cover
SIW-PBL	Suspension Bail
SIW-38PR	Pin Retainer Kit, 3/8" Drive
SIW-50PR	Pin Retainer Kit, 1/2" Drive



BJ10091

SIW-PBL

### SPT Transducerized Cordless Tools: Mobility and Precision for Maximum Productivity

The Signature Series SPT Cordless Tools add a reliable efficiency to the assembly process without sacrificing quality. These easy-to-use, portable tools are transducerized so torque delivery and measurement is precise and traceable. Programmable through either the tool interface or UI software, and available in two model configurations, the SPT tool series is flexible enough to meet your application requirements.

#### FEATURES AND BENEFITS

- Transducer control for precise torque measurement and traceable results
- Durable high-strength steel gearing means less downtime and lower cost of ownership
- Easy programming on back of tool. Programming interface displays realtime Torque/Angle
- LED indicator lights provide immediate feedback to the operator. The signal is visible from any angle
- Forward/Reverse press button for easy operation
- LED work light for working in dark areas
- Mini USB Port (MUST be used with SPT-USBD) for programming tool with UI Software
- Variable speed control trigger is a non-contact switch, which means longer trigger life
- Optional WiFi communication
- Li-Ion battery pack delivers longer run time
- Shock absorbing, ergonomic grip means less fatigue and well-balanced operation
- When paired with the optional DWL-B receiver, Poka-Yoke connection to line controls is easy



Available in pistol and angle configurations. Fully customizable head options

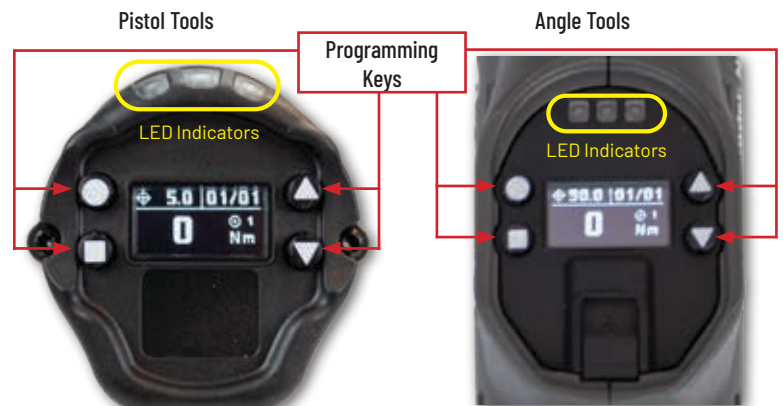


#### Programming Interface

Easily program the tool using the interface on the back of the tool or using software. A buzzer and LED indicator lights provide audible and visual process information

#### LED Indicators

- Reverse
- OK
- NOK
- ★ Low Battery Warning
- Change Battery





### SPT Signature Series Transducerized Cordless Tools

Model	Torque Range		Free Speed	Battery	Weight		Anvil Size	Noise Level
	NM	FT-LB	RPM	(V)	LB	KG		dB(A)
<b>Pistol Tools*</b> Q = Quick Change Output								
SPT-P825Q	3 - 8	2.2 - 5.9	220 - 1,100	20	2.23	1.01	1/4" QC	<75
SPT-P825	3 - 8	2.2 - 5.9	220 - 1,100	20	2.23	1.01	1/4" Sq Dr	<75
SPT-P1225Q	4 - 12	3 - 8.9	150 - 700	20	2.23	1.01	1/4" QC	<75
SPT-P1238	4 - 12	3 - 8.9	150 - 700	20	2.23	1.01	3/8" Sq Dr	<75
SPT-P1625Q	5 - 16	3.7 - 11.8	100 - 500	20	2.23	1.01	1/4" QC	<75
SPT-P1638	5 - 16	3.7 - 11.8	100 - 500	20	2.23	1.01	3/8" Sq Dr	<75
<b>Angle Tools**</b> Q = Quick Change Output								
SPT-A1025Q	4 - 10	3 - 7.4	150 - 750	20	3.7	1.68	1/4" QC	<75
SPT-A1038	4 - 10	3 - 7.4	150 - 750	20	3.7	1.68	3/8" Sq Dr	<75
SPT-A1625Q	5 - 16	3.7 - 11.8	120 - 600	20	3.7	1.68	1/4" QC	<75
SPT-A1638	5 - 16	3.7 - 11.8	120 - 600	20	3.7	1.68	3/8" Sq Dr	<75
SPT-A3038	10 - 30	7.4 - 22	70 - 350	20	3.7	1.68	3/8" Sq Dr	<75
SPT-A4838	20 - 48	14.8 - 35.4	60 - 210	20	4.77	2.16	3/8" Sq Dr	<75
SPT-A4850	20 - 48	14.8 - 35.4	60 - 210	20	4.77	2.16	1/2" Sq Dr	<75
SPT-A6038	25 - 60	18.4 - 44.3	50 - 170	20	4.77	2.16	3/8" Sq Dr	<75
SPT-A6050	25 - 60	18.4 - 44.3	50 - 170	20	4.77	2.16	1/2" Sq Dr	<75

\* Pistol Tools Include: Tool and one (1) 20V Li-Ion Battery

\*\* Angle Nutrunners include: Head Indexing Spanner Wrench and one (1) 20V Li-Ion Battery

### BATTERIES AND CHARGER FOR SPT TOOLS



Battery Model	Voltage	Type	Capacity	Weight
SPB-2025	20V	Li-Ion	2.5 Ah	.9 Lb/.4 kg
SPB-2025HC	20V	Li-Ion	5.0 Ah	1.5 Lb/.67 kg

Charger  
SPC-C218-20



Charger Model	Output	Input	Dimensions (W/O Battery)	Weight
SPC-C218-20	18V-19.2V 3.0 A	100-240VAC 50-60 Hz	6.25" (D) x 5" (W) x 3.5" (H) 158.8 mm x 127 mm x 89 mm	1.2 Lb .54 kg

### DWL-B RECEIVER FOR SPT SERIES TOOLS: POKA-YOKE ERROR PROOFING

DWL-B Receiver allows SPT Signature Series tools to connect to like controls as a Poka Yoke

#### FEATURES AND BENEFITS

- Receives OK or NOK signal from tools over WiFi
- Helps detect errors including missing fasteners
- One Receiver can pair with up to 7 SPT tools simultaneously
- 24V I/O Connectivity



Model	Description	Power Input	Ports
DWL-B	Max. 100 meter 7 tools to 1 receiver	100-240VAC 50-60 Hz	25 Pin Parallel and 9 Pin Serial



**SPC-2PGM PROGRAMMER FOR SPC AND SIW SERIES**



SPC and SIW Signature Series tools have an integrated mini USB connector that couples to the SPC-2PGM Signature Series Programmer module. The Programmer allows the user to add additional programming functions to the tool, enhancing operator efficiency.

**SPC-2PGM Connected To**

SPC Precision Clutch Tools	SIW Shut-Off Impact Tools
<p><u>Programmable Features</u></p> <ul style="list-style-type: none"> <li>• Tool Speed from minimum (1,500 rpm) to maximum (2,400 rpm) speed in 50 rpm increments</li> <li>• Forward/Reverse Mode</li> <li>• Buzzer Volume</li> <li>• Trigger Start Mode</li> <li>• Two-Stage Trigger Delay</li> <li>• LED Illumination</li> <li>• Number of Impacts and Number of Rotations in Reverse Mode</li> </ul> <p><u>Informational display</u></p> <ul style="list-style-type: none"> <li>• Usage Time</li> <li>• Trip Count</li> </ul>	<p><u>Programmable Features</u></p> <ul style="list-style-type: none"> <li>• Tool Speed from minimum (1,500 rpm) to maximum (2,400 rpm) speed in 50 rpm increments</li> <li>• Forward/Reverse Mode</li> <li>• Buzzer Volume</li> <li>• Motor Direction</li> <li>• Maximum Stage</li> <li>• Impact Force</li> <li>• Number of Rotations</li> <li>• Reverse Stop Mode</li> <li>• LED Illumination</li> </ul> <p><u>Informational display</u></p> <ul style="list-style-type: none"> <li>• Usage Time</li> <li>• Screw (Trip) Count</li> </ul>

**CUSTOM TOOL ATTACHMENTS**

A wide variety of special heads and attachments can be fitted to Signature Series Angle Nutrunners. Contact your AIMCO representative for assistance, 1-503-254-6600, or toll free 1-800-852-1368.



**QUICK CLIP**



The two piece Quick Clip comes with a belt clip and a stretch cord attachment for a pistol tool. The patented ball feature allows for quick and easy release.

**TOOL BASKETS**



AIMCO tool baskets can be affixed to a bench or rack and can be used for either a pistol or right angle tool.



## AUDITOR TORQUE CUBE DESKTOP TESTER

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 Auditor 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.

### ATC Auditor Torque Cube Models

Model	Recommended Torque Range		KG	Weight		W x H x D		Square Drive IN
	NM	IN-LB/FT-LB		LB	MM	IN		
<b>Vertical Configuration</b>								
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	
ATC-500	5.65 - 56.5	50 - 500 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	3/8	
ATC-750	8.47 - 84.8	75 - 750 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	3/8	
ATC-1000	11.3 - 113	100 - 1000 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	3/8	
ATC-1800	21.2 - 203	188 - 1,800 in-lb	1.13	2.5	79 x 95 x 83	3.13 x 3.75 x 3.25	1/2	
<b>Horizontal Configuration</b>								
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	
ATC-250F	34 - 340	25 - 250 ft-lb	2.25	5	79 x 95 x 83	3.13 x 3.75 x 3.25	1/2	
ATC-500F	68 - 678	50 - 500 ft-lb	2.25	5	79 x 95 x 83	3.13 x 3.75 x 3.25	3/4	
ATC-750F	102 - 1,017	75 - 750 ft-lb	2.25	5	79 x 95 x 83	3.13 x 3.75 x 3.25	3/4	



AUET



AUET/MTM



AUET/MTM-DC

## AUDITOR UNIVERSAL ELECTRONIC 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.



### AUET Single Transducer Models

Model*	Recommended Torque Range	
	KGF-CM/NM	IN-OZ/IN-LB
AUET-050(-DC)	0.4 - 3.6 kgf-cm	5 - 50 in-oz
AUET-0100(-DC)	0.7 - 7.2 kgf-cm	10 - 100 in-oz
AUET-10(-DC)	1.1 - 11.5 kgf-cm	1 - 10 in-lb
AUET-50(-DC)	0.5 - 5.6 Nm	5 - 50 in-lb
AUET-100(-DC)	1.1 - 11.3 Nm	10 - 100 in-lb
AUET-250(-DC)	2.8 - 28.3 Nm	25 - 250 in-lb
AUET-500(-DC)	5.7 - 56.5 Nm	50 - 500 in-lb
AUET-1000(-DC)	11.3 - 113 Nm	100 - 1,000 in-lb
AUET-1200(-DC)	13.6 - 135.6 Nm	120 - 1,200 in-lb
AUET-1800(-DC)	20.3 - 203.4 Nm	180 - 1,800 in-lb

\* 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 AIMCO Customer Service Associate for ordering options, 1-503-254-6600, or toll free 1-800-852-1368.

### AUET/MTM Dual Transducer Models

Model**	Recommended Torque Range			
	Transducer 1	Transducer 2	Transducer 1	Transducer 2
AUET/MTM-050-25	0.04 - 0.4 Nm	0.3 - 2.8 Nm	5 - 50 in-oz	2.5 - 25 in-lb
AUET/MTM-050-600	0.04 - 0.4 Nm	6.8 - 67.8 Nm	5 - 50 in-oz	60 - 600 in-lb
AUET/MTM-0100-050	0.07 - 0.71 Nm	0.04 - 0.4 Nm	10 - 100 in-oz	5 - 50 in-oz
AUET/MTM-10-100	0.11 - 1.12 Nm	1.3 - 11.3 Nm	1.0 - 10 in-lb	10 - 100 in-lb
AUET/MTM-50-250	0.56 - 5.65 Nm	2.8 - 28.3 Nm	5.0 - 50 in-lb	25 - 250 in-lb
AUET/MTM-50-500(-DC)	0.56 - 5.65 Nm	5.7 - 56.5 Nm	5.0 - 50 in-lb	50 - 500 in-lb
AUET/MTM-50-1000(-DC)	0.56 - 5.65 Nm	11.3 - 113 Nm	5.0 - 50 in-lb	100 - 1,000 in-lb
AUET/MTM-100-500	1.13 - 11.3 Nm	5.7 - 56.5 Nm	10 - 100 in-lb	50 - 500 in-lb
AUET/MTM-100-1000	1.13 - 11.3 Nm	11.3 - 113 Nm	10 - 100 in-lb	100 - 1,000 in-lb
AUET/MTM-100-1200	1.13 - 11.3 Nm	13.6 - 135.6 Nm	10 - 100 in-lb	120 - 1,200 in-lb
AUET/MTM-100-1600(-DC)	1.13 - 11.3 Nm	18.1 - 180.8 Nm	10 - 100 in-lb	160 - 1,600 in-lb
AUET/MTM-100-2000	1.13 - 11.3 Nm	22.6 - 226 Nm	10 - 100 in-lb	200 - 2,000 in-lb
AUET/MTM-250-1600	2.82 - 28.2 Nm	18.1 - 180.8 Nm	25 - 250 in-lb	160 - 1,600 in-lb
AUET/MTM-250-1800	2.82 - 28.2 Nm	20.3 - 203.4 Nm	25 - 250 in-lb	180 - 1,800 in-lb
AUET/MTM-250-2500	2.82 - 28.2 Nm	28.2 - 282.5 Nm	25 - 250 in-lb	250 - 2,500 in-lb
AUET/MTM-500-1200	5.7 - 56.5 Nm	13.6 - 135.6 Nm	50 - 500 in-lb	120 - 1,200 in-lb
AUET/MTM-500-2500(-DC)	5.7 - 56.5 Nm	28.2 - 282.5 Nm	50 - 500 in-lb	250 - 2,500 in-lb

Custom sizes are also available. Contact an AIMCO Customer Service Associate for ordering options, 1-503-254-6600, or toll free 1-800-852-1368.



## AUDITOR TORQUE DATA ANALYZERS

The Auditor Torque Data Analyzer (ATDA) DC is designed to be portable or conveniently placed on a bench. The tester can be connected to various transducers, as well as transducerized wrenches and rotary or stationary transducers. The user interface is common between the ATC (Cube), AUET, AUET-DC, AUET/MTM, AUET/MTM-DC, ATDA, and ATDA-DC. All of these instruments have similar menus. Additionally, all data collector testers utilize Auditor Tool Manager for tool testing and data management.

The Auditor Torque Data Analyzer is available in two configurations:

- ATDA: A simple torque analyzer with sequential memory, 999 data samples, engineering limits, limited statistical processing average, range, Cp and CpK with serial output
- ATDA-DC: Contains all of the features of the ATDA and has additional file capability. It can associate data with file names and manage data collection with a computer and Auditor Tool Manager software

This is a great “starter” tool management system. It provides testing, archiving, and analysis of tools at single or multiple torque targets. The tool and torque data is stored in a SQL database and can be exported to Excel or any .csv spreadsheet.

### ATDA Auditor Torque Data Analyzer Models

MODEL	DESCRIPTION
ATDA	Auditor Torque Data Analyzer
ATDA-DC	Auditor Torque Data Collector





## AIMTS TEST STAND FOR IMPACT TOOLS

Obtain accurate test results with the AIMTS Series Impact Test Stand. When used with an Auditor ATDA Analyzer or AUET/MTM Desktop Torque Tester, the tool's performance data can be recorded and stored. Each Auditor Analyzer comes standard with PC-based software to store and organize data for use within a quality system. It is necessary to bolt the AIMTS to a bench. We also recommend that a rundown fixture always be used for testing impacts.



**AIMTS**  
Test stand for small impact tools. ATDA-DC Torque Data Analyzer sold separately.

### FEATURES AND BENEFITS

- Housing designed with mounting holes for bolting to bench
- Transducer designed with spline interface to rundown fixture for durability
- Rundown fixture is configurable from a "soft" joint rate to a "hard" joint rate

### AIMTS Test Stand Models

Model	Capacity		Weight		Dimensions (W x H x D)		Sq. Dr.
	FT-LB	Nm	LB	KG	IN	MM	
AIMTS-0050	5 - 50	7 - 70	10	4.5	8 x 10 x 4	203 x 254 x 102	3/4"
AIMTS-0250	25 - 250	34 - 340	10	4.5	8 x 10 x 4	203 x 254 x 102	3/4"

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

### AUDITOR ROTARY TRANSDUCERS

Suitable for use with all continuous drive tools, impulse tools and torque wrenches.



ARTIS Series

Model	Drive IN	Max Torque		Weight LB
		NM	IN-LB/FT-LB	
ARTIS-25H-2T(A)	1/4 Hex	2	18 in-lb	1.0
ARTIS-25H-5T(A)	1/4 Hex	5	44 in-lb	1.0
ARTIS-25H-10T(A)	1/4 Hex	10	88 in-lb	1.0
ARTIS-25H-20T(A)	1/4 Hex	20	180 in-lb	1.0
ARTIS-25S-10T(A)	1/4 Sq.	10	88 in-lb	1.0
ARTIS-25S-20T(A)	1/4 Sq.	20	180 in-lb	1.0
ARTIS-38S-25T(A)	3/8 Sq.	25	225 in-lb	1.2
ARTIS-38S-75T(A)	3/8 Sq.	75	50 ft-lb	1.2
ARTIS-50S-180T(A)	1/2 Sq.	180	130 ft-lb	1.5

\*Add "A" to the end of the part number to indicate torque/angle transducer.



ICBL-USB



ATDBLIS



ATDBRIS



ICBL-10P



ICBL-4P



ICBL-5000L



ICBL-8000DIG

## Torque Measurement Cables

Model	Description	Serial Cable	Transducer Cable	Rotary	Rotary W/Angle	Stationary	Ind Std	Intellect
ICBL-USB*	Connects between COM port of display to PC	X						
ATDBLIS*	Connect to IS transducer w/ angle - 10 pin		X		X		X	
ATDBRIS*	Connect to IS transducer - 4 pin		X	X		X	X	
ICBL-10P*	Intellect transducer cable. Identification chip in cable - 10 pin connector		X		X			X
ICBL-4P*	Intellect transducer cable. Identification chip in cable - 4 pin connector		X	X		X		X
ICBL-5000L	Connect from AUET/MTM & ATDA to Intellect Transducers, Analog AISI / AISF		X			X		X
ICBL-8000DIG	Connect PC to digital transducers through digital module		X					

\* Compatible with ATDA, AUET, ADW products

## Tester / Analyzer Compatibility

Model	ATC	AUET	AUET/MTM	AUET-DC	AUET/MTM-DC	ATDA	ATDA-DC	AISWT Switchbox	ADW	ADW-DC	AIMTS Test Stand
ICBL-USB	X	X	X	X	X	X	X		X	X	
ATDBLIS		X	X	X	X	X	X				
ATDBRIS		X	X	X	X	X	X				
ICBL-10P		X	X	X	X	X	X				
ICBL-4P		X	X	X	X	X	X				
ICBL-5000L			X		X	X	X	X			X
ICBL-8000DIG											X

## Transducer Compatibility

Model	Stationary			Rotary
	ASTIS	Analog AISI/AISF	Digital AISI/AISF	ARTIS
ATDBLIS				X
ATDBRIS	X			X
ICBL-10P				X
ICBL-4P				X
ICBL-5000L		X		
ICBL-8000DIG			X	



**MAG-O-NETS®: A Revolutionary Way to Convert Standard Bits to Magnetic Bits**

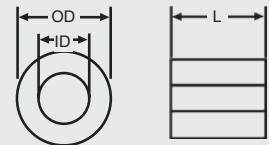
**FEATURES AND BENEFITS**

- Easy, cost effective alternative to traditional magnetic bit holder and insert bit combination
- Improves torque transfer by eliminating “wobble effect”
- Easily adjust magnetic attraction by moving Mag-O-Net collar closer to or further from fastener
- Fits virtually any standard screwdriver bit
- Reusable and interchangeable – once a bit is worn out, simply remove your Mag-O-Net and slide it onto the next bit
- Lifetime guarantee on magnetic attraction



\*U.S. Patent 5861789

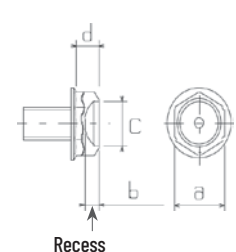
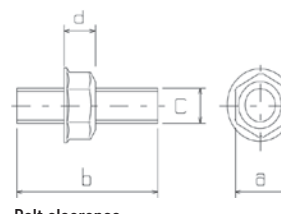
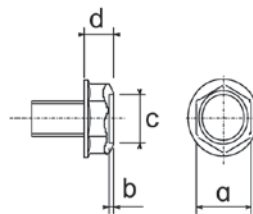
Part No	Inner Diameter (Id)	Outer Diameter (OD)	L MM
AM1/4Z	7 mm	19 mm	10
AM5Z	6 mm	17.5 mm	10
AM3/16Z	3/16 in	17.5 mm	10
AM5/16Z	5/16 in	20 mm	10



**MARKER SOCKETS**

Marker Sockets paint the bolt head at the same time the torque is checked. Sockets are designed to your specification.

- Unit consists of a marker socket, an ink cartridge, a spring, and the cartridge cap
- Cartridge can be inserted/taken off easily for ink management
- Easily replaceable paint point
- Can be used with either oil-based or water-based inks
- When ordering, provide dimensions shown. To order, contact an AIMCO Customer Service Associate 1-503-254-6600, or toll free 1-800-852-1368



**BIT HOLDERS**



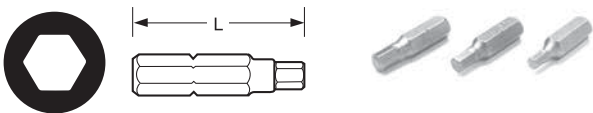
Part No	L MM	L IN
1/4" Hex, Non-Magnetic A3BHD-2	50	1.97
1/4" Hex, Magnetic A3BHM-3	75	2.94
A3BHM-4	100	3.94

**QUICK CHANGE CHUCKS**



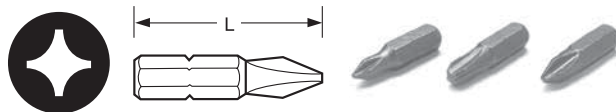
Part No.	Sq Drive	Hex	D1 MM	D1 IN	L MM	L IN
ADC-2S	1/4"	1/4"	19	0.75	38	1.50
ADC-3S	3/8"	1/4"	20	0.79	42	1.65

**ALLEN DRIVE INSERT BITS**



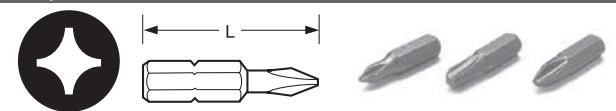
Part No.	Point Size	L MM	L IN
A38C5/64-1	5/64"	25	1.00
A38C3/32-1	3/32"	25	1.00
A38C7/64-1	7/64"	25	1.00
A38C1/8-1	1/8"	25	1.00
A38C9/64-1	9/64"	25	1.00
A38C5/32-1	5/32"	25	1.00
A38C3/16-1	3/16"	25	1.00

**PHILLIPS INSERT BITS**



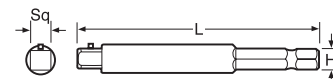
Part No.	Point Size	L MM	L IN
A38S2-1	2	25	0.98
A38S3-1	3	25	0.98

Phillips Insert Bits, Reduced Diameter



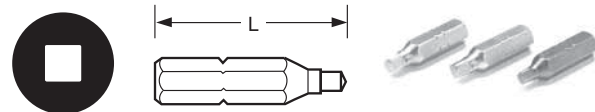
Part No.	Point Size	L MM	L IN
A39S1-1	1	25	0.98
A39S2-1	2	25	0.98

**BIT ADAPTERS (1/4" HEX)**



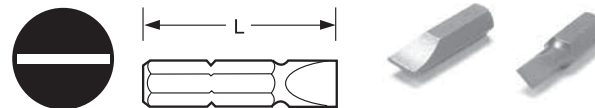
Part No.	Square Drive	L MM	L IN
A3S02A-2	1/4"	50	1.97
A3S03A-2	3/8"	50	1.97

**SQUARE RECESS INSERT BITS**



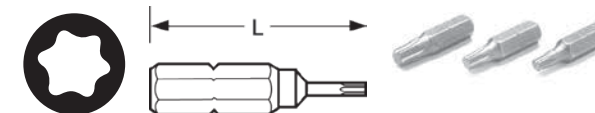
Part No.	Point Size	Nominal Square Size	L MM	L IN
A38R1/16-1	0	1/16"	25	0.98
A38R3/32-1	1	3/32"	25	0.98
A38R1/8-1	2	1/8"	25	0.98

**SLOTTED INSERT BITS**



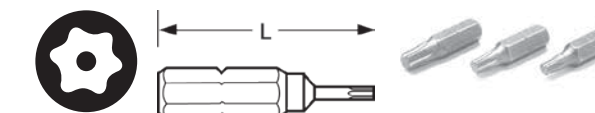
Part No.	Screw Size	L MM	L IN	Blade Thickness	Blade Width
A38M3-1	3	25	0.98	0.03	0.15
A38M4-1	4	25	0.98	0.03	0.17
A38M6-1	6	25	0.98	0.04	0.22
A38M10-1	10	25	0.98	0.05	0.28

**TORX INSERT BITS**



Part No.	Torx Size	L M	L IN
A38T8-1	T8	25	0.98
A38T9-1	T9	25	0.98
A38T15-1	T15	25	0.98
A38T20-1	T20	25	0.98
A38T25-1	T25	25	0.98
A38T30-1	T30	25	0.98
A38T40-1	T40	25	0.98

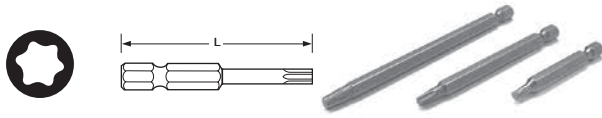
Torx Insert Bits, Tamper Resistant



Part No.	Torx Size	L M	L IN
A38T20-ITR	T20	25	0.98
A38T25-ITR	T25	25	0.98

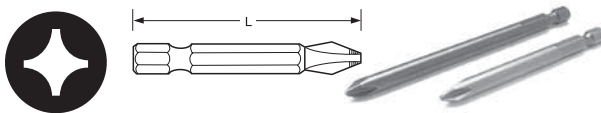


**TORX POWER BITS**



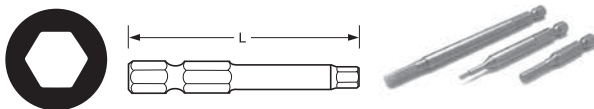
Part No	Torx Size	L MM	L IN
A3T6-2	T6	50	1.97
A3T8-2	T8	50	1.97
A3T9-3.5	T9	90	3.54
A3T10-2	T10	50	1.97
A3T15-3.5	T15	90	3.54
A3T20-3.5	T20	90	3.54
A3T25-3.5	T25	90	3.54
A3T30-3.5	T30	90	3.54
A3T40-3.5	T40	90	3.54

**PHILLIPS POWER BITS (ACRB, BOTH INSTALL AND REMOVE)**



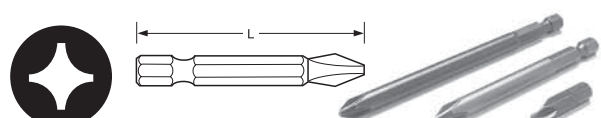
Part No.	Point Size	L MM	L IN
A3S2-2ACRB	2	50	1.97
A3S3-2ACRB	3	50	1.97

**ALLEN DRIVE POWER BITS**



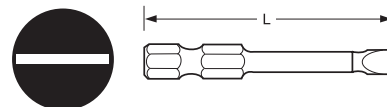
Part No.	Point Size	L MM	L IN
A3C1/16-2	1/16"	50	1.97
A3C5/64-2	5/64"	50	1.97
A3C3/32-2	3/32"	50	1.97
A3C1/8-2	1/8"	50	1.97
A3C9/64-2	9/64"	50	1.97
A3C5/32-2	5/32"	50	1.97
A3C3/16-2	3/16"	50	1.97
A3C1/4-2	1/4"	50	1.97
A3C5/16-2	5/16"	50	1.97
A3C2.5-2	2.5 mm	50	1.97
A3C4-2	4 mm	50	1.97

**PHILLIPS POWER BITS**



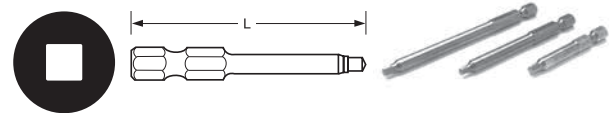
Part No.	Point Size	L MM	L IN
A3S0-2	0	50	1.97
A3S1-2	1	50	1.97
A3S2-2	2	50	1.97
A3S3-2	3	50	1.97

**SLOTTED POWER BITS (REDUCED DIAMETER)**



Part No.	Screw Size	L MM	L IN	Blade Thickness	Blade Width
A3MT3-2	3	50	1.97	0.03	0.15
A3MT4-2	4	50	1.97	0.03	0.19
A3MT5-2	5	50	1.97	0.04	0.25
A3MT6-2	6	50	1.97	0.04	0.25

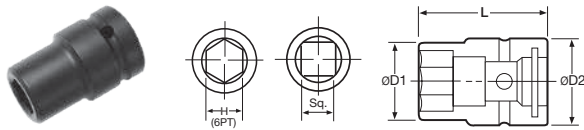
**SQUARE RECESS POWER BITS**



Part No.	Point Size	Nominal Square Size	L MM	L IN
A3RT1/8-2	2	1/8"	50	1.97

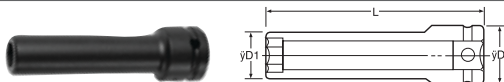
**IMPACT SOCKETS**

**3/8" Square Drive**



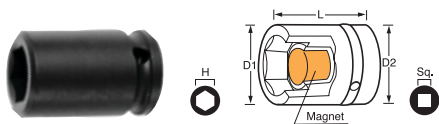
Part No	Hex	D1		D2		L	
		MM	IN	MM	IN	MM	IN
A35/8	5/8"	23	0.91	22	0.87	34	1.34
A310	10 mm	17	0.65	20	0.79	32	1.26
A312	12 mm	20	0.79	20	0.79	32	1.26
A315	15 mm	23	0.91	20	0.79	32	1.26
A317	17 mm	26	1.02	20	0.79	35	1.38

**3/8" Square Drive, Deep**



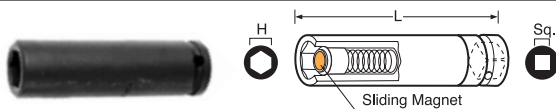
Part No	Hex	D1		D2		L	
		MM	IN	MM	IN	MM	IN
A312-2.75	12 mm	20	0.79	20	0.79	70	2.76
A312-4	12 mm	20	0.79	20	0.79	100	3.94
A314-2.75	14 mm	22	0.87	20	0.79	70	2.76
A314-4	14 mm	22	0.87	20	0.79	100	3.94
A317-2	17 mm	26	1.02	20	0.79	50	1.97

**3/8" Square Drive, Magnetic**



Part No	Hex	D1		D2		L	
		MM	IN	MM	IN	MM	IN
A33/8MP	3/8"	15	0.59	19	0.75	34	1.34
A310MP	10 mm	17	0.65	20	0.79	32	1.26
A312MP	12 mm	20	0.79	20	0.79	32	1.26
A313MP	13 mm	21	0.83	20	0.79	32	1.26

**3/8" Square Drive, Magnetic Sliding Type, Bolt Clearance**



Part No	Hex	D1		D2		L	
		MM	IN	MM	IN	MM	IN
A312MS-2.75	12 mm	20	0.79	20	0.79	70	2.76
A313MS-2.75	13 mm	21	0.83	20	0.79	70	2.76

**3/8" Square Drive, Magnetic Sliding Type, Extension**



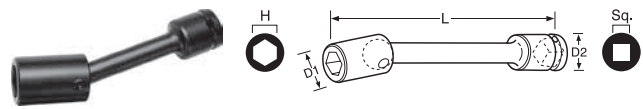
Part No	Hex	D1		D2		L	
		MM	IN	MM	IN	MM	IN
A310EMS-4	10 mm	17	0.65	20	0.79	100	3.94

**3/8" Square Drive, Extended**



Part No	Hex	D1		D2		L	
		MM	IN	MM	IN	MM	IN
A312EX-6	12 mm	20	0.79	20	0.79	150	5.91

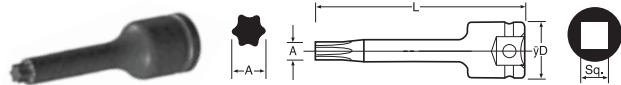
**UNIVERSAL SOCKETS, EXTENDED (3/8" SQUARE DRIVE)**



Part No.	Hex	D1		D2		L	
		MM	IN	MM	IN	MM	IN
A310EU-4	10 mm	16	0.63	20	0.79	100	3.94

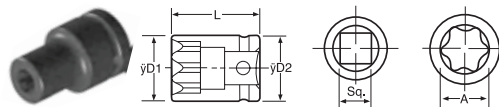
**TORX SOCKETS**

**Torx Sockets (T-Type, 3/8 Sq. Dr.)**



Part No.	Torx Size	A		D		L	
		MM	MM	MM	IN	MM	IN
A345TT	45TT	7.8	20	0.79	70	2.76	
A350TT	50TT	8.8	20	0.79	70	2.76	

**Torx Sockets (E-Type, 3/8 Sq. Dr.)**



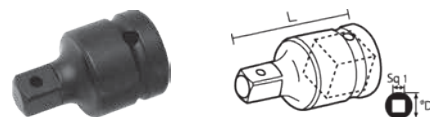
Part No.	Torx Size	A		D1		D2		L	
		MM	MM	MM	IN	MM	IN	MM	IN
A310TE	10TE	9.4	12.2	0.48	20	0.79	32	1.26	
A312TE	12TE	11.1	14.2	0.56	20	0.79	32	1.26	

**ALLEN SOCKETS (3/8" SQUARE DRIVE)**



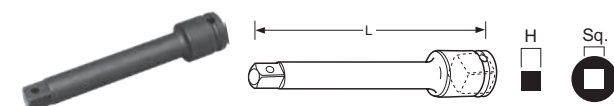
Part No.	Hex	L1		L	
		MM	IN	MM	IN
A304C	4 mm	10	0.39	42	1.65
A305C	5 mm	10	0.39	42	1.65
A306C	6 mm	10	0.39	42	1.65
A308C	8 mm	10	0.39	42	1.65
A310C	10 mm	10	0.39	42	1.65
A312C	12 mm	10	0.39	42	1.65
A314C	14 mm	10	0.39	42	1.65

**SOCKET ADAPTERS**



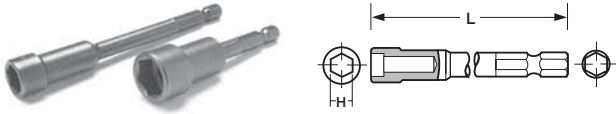
Part No.	Female		Male		D		L	
	Sq. Drive	Hex	Sq. Drive	Hex	MM	IN	MM	IN
A304A	3/8"	3/8"	1/2"	1/2"	20	0.79	37	1.46

**EXTENSIONS**



Part No.	Square Drive	D		L	
		Hex	MM	MM	IN
A310E	3/8"	3/8"	20	100	3.94
A330E	3/8"	3/8"	20	300	11.81

**NUTSETTERS**



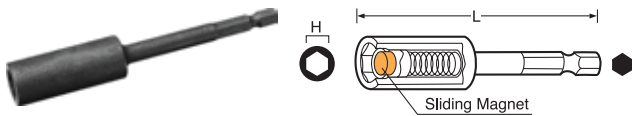
Part No.	Hex	L	
		MM	IN
A3B07-4	7 mm	100	3.94
A3B08-4	8 mm	100	3.94
A3B10-4	10 mm	100	3.94
A3B12-4	12 mm	100	3.94
A3B14-4	14 mm	100	3.94

**MAGNETIC NUTSETTERS (MP TYPE)**



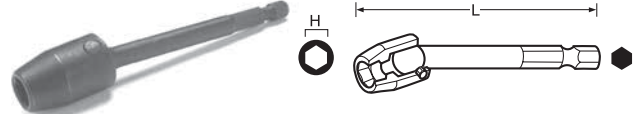
Part No.	Hex	L	
		MM	IN
A3BMP1/4-2	1/4"	50	1.97
A3BMP5/16-2	5/16"	50	1.97
A3BMP3/8-2	3/8"	50	1.97
A3BMP55-2.75	5.5 mm	70	2.76
A3BMP07-2.75	7 mm	70	2.76
A3BMP08-2.75	8 mm	70	2.76
A3BMP10-2.75	10 mm	70	2.76
A3BMP12-2.75	12 mm	70	2.76
A3BMP14-4	14 mm	100	3.94

**MAGNETIC NUTSETTERS (MS TYPE)**



Part No.	Hex	L	
		MM	IN
A3BMS08-4	8 mm	100	3.94
A3BMS10-4	10 mm	100	3.94
A3BMS12-4	12 mm	100	3.94
A3BMS14-4	14 mm	100	3.94

**UNIVERSAL NUTSETTERS**



Part No.	Hex	L	
		MM	IN
A3BU08-4	8 mm	100	3.94
A3BU10-4	10 mm	100	3.94
A3BU12-4	12 mm	100	3.94

Additional types and sizes of fastener tools, as well as custom parts, are available upon request.

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



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Portland, Oregon 97216  
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Toll Free: 800-852-1368

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Fax: (01-614) 380-1019