

# ALLPAX®

A cut above  
the rest.

Gasket Cutting  
Tools

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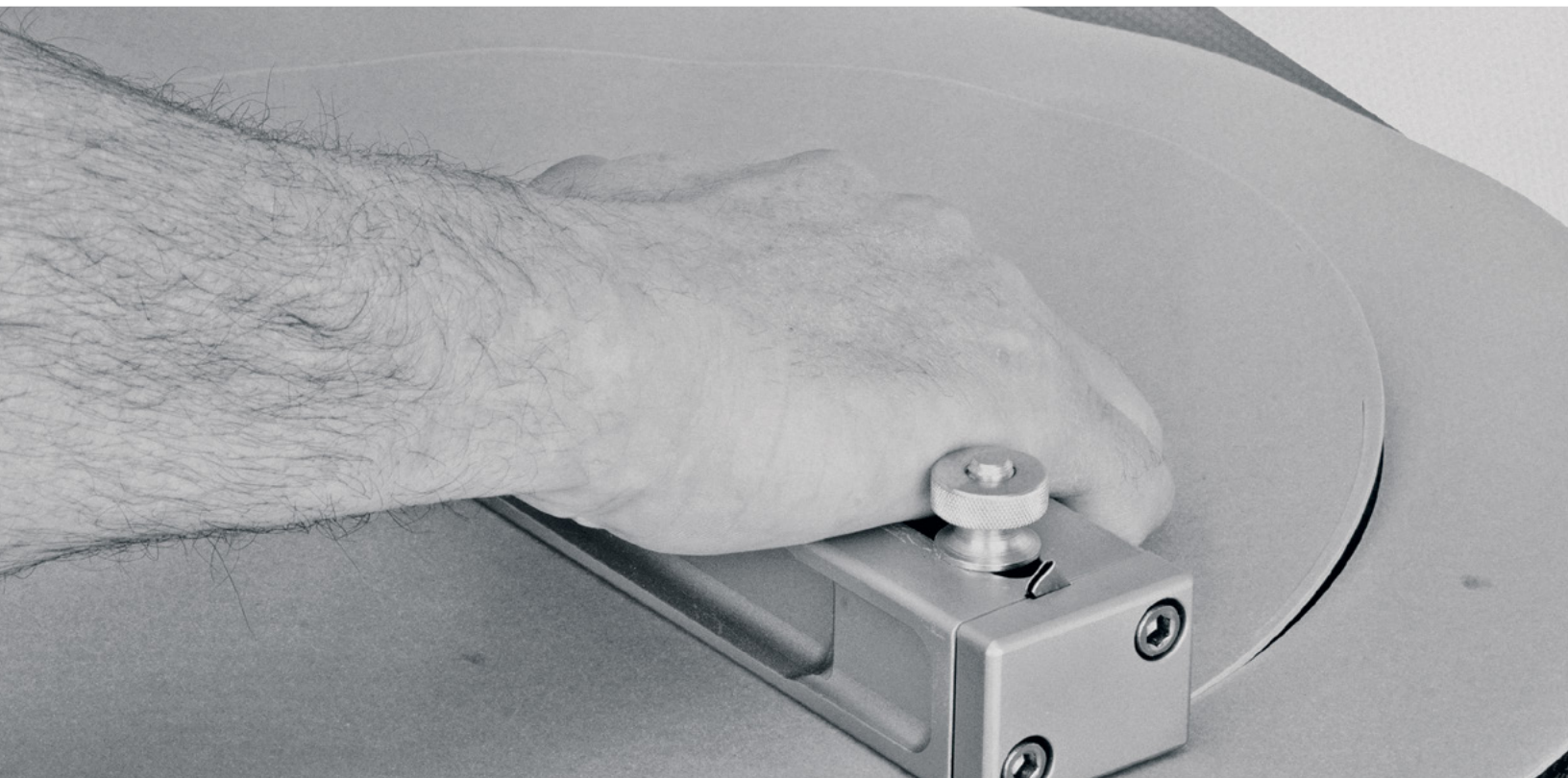




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# Extension-Style Gasket Cutter Kits





## 6000 Series Standard Heavy-Duty Gasket Cutter Kits

Extension-style kits feature premium, brass cutter block with contoured edges to minimize gasket material buckling and assure precision cuts. Ergonomic design offers secure, comfortable grip. Easy-to-read, engraved, precision scale. Sliding, knurled nut adjusts cutting radius. Provides for cuts up to 61" in diameter. Hex screws hold cutting blade for cuts up to  $\frac{3}{4}$ " in depth. Includes rugged storage case, dove-tail designer template, bolt hole locator template, and center pin handle.

Part #	Model	Description
AX6000	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 13" O.D. Gaskets
AX6001	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 25" O.D. Gaskets
AX6002	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 37" O.D. Gaskets
AX6003	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 49" O.D. Gaskets
AX6004	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 61" O.D. Gaskets

### Features

- Premium, brass cutter block
- Standard-Duty and Heavy-Duty cutting blades
- Chrome plated, steel extension bars
- Rugged storage case





## 6000 Series Standard Heavy-Duty Gasket Cutter Kits

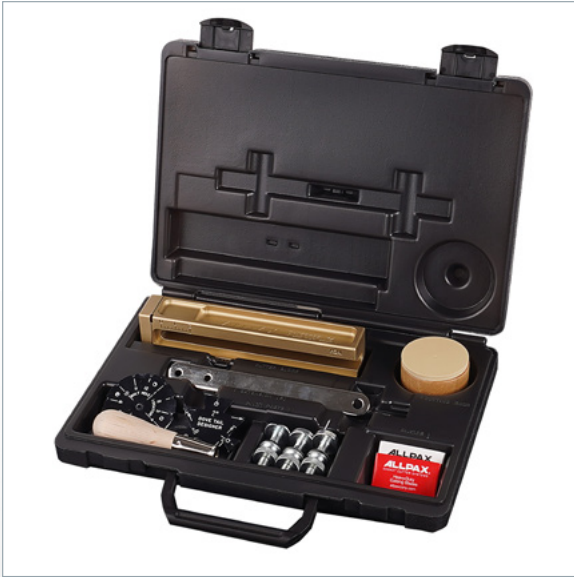
Extension-style kits feature premium, brass cutter block with contoured edges to minimize gasket material buckling and assure precision cuts. Ergonomic design offers secure, comfortable grip. Easy-to-read, engraved, precision scale. Sliding, knurled nut adjusts cutting radius. Chrome-plated, steel extension bars provide for cuts up to 61" in diameter. Hex screws hold cutting blade for cuts up to 1/2" in depth. 18" x 18" cutting board features plastic non-slip, textured surface that reduces blade friction, minimizes breakage, and self-heals after each use. Includes rugged storage case, dove-tail designer template, bolt hole locator template, and center pin handle.

### Features

- Premium, brass cutter block
- Standard-Duty and Heavy-Duty cutting blades
- Chrome plated, steel extension bars
- Rugged storage case
- 18" x 18" cutting board

Part #	Model	Description
AX6010	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 13" O.D. Gaskets
AX6020	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 25" O.D. Gaskets
AX6030	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 37" O.D. Gaskets
AX6040	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 49" O.D. Gaskets
AX6050	Heavy-Duty Gasket Cutter Kit	Cuts 0 I.D. Gaskets to 61" O.D. Gaskets





## 6100 Series Metric Heavy-Duty Gasket Cutter Kits

Extension-style kits feature premium, brass cutter block with contoured edges to minimize gasket material buckling and assure precision cuts. Ergonomic design offers secure, comfortable grip. Easy-to-read, engraved, precision scale. Sliding, knurled nut adjusts cutting radius. Chrome-plated, steel extension bars provide for cuts up to 330mm in diameter. Hex screws hold cutting blade for cuts up to 19mm in depth. Includes rugged storage case, dove-tail designer template, bolt hole locator template, and center pin handle.

### Features

- Premium, brass cutter block
- Standard-Duty and Heavy-Duty cutting blades
- Chrome plated, steel extension bars
- Rugged storage case

Part #	Model	Description
AX6100	Heavy-Duty Metric Gasket Cutter Kit	Cuts O I.D. to 330mm O.D. Gaskets
AX6101	Heavy-Duty Metric Gasket Cutter Kit	Cuts O I.D. to 635mm O.D. Gaskets
AX6102	Heavy-Duty Metric Gasket Cutter Kit	Cuts O I.D. to 940mm O.D. Gaskets
AX6103	Heavy-Duty Metric Gasket Cutter Kit	Cuts O I.D. to 1245mm O.D. Gaskets
AX6104	Heavy-Duty Metric Gasket Cutter Kit	Cuts O I.D. to 1550mm O.D. Gaskets





## 6100 Series Metric Heavy-Duty Gasket Cutter Kits

Extension-style kit features premium, brass cutter block with contoured edges to minimize gasket material buckling and assure precision cuts. Ergonomic design offers secure, comfortable grip. Easy-to-read, engraved, precision scale. Sliding, knurled nut adjusts cutting radius. Chrome-plated, steel extension bars provide for cuts up to 1550mm in diameter. Hex screws hold cutting blade for cuts up to 19mm in depth. 457mm x 457mm (18" x 18") cutting board features plastic non-slip, textured surface that reduces blade friction, minimizes breakage, and self-heals after each use. Includes rugged storage case, dove-tail designer template, bolt hole locator template, and center pin handle.








### Features

- Premium, brass cutter block
- Standard-Duty and Heavy-Duty cutting blades
- Chrome plated, steel extension bars
- Rugged storage case
- 457mm x 457mm cutting board

Part #	Model	Description
AX6110	Heavy-Duty Metric Gasket Cutter Kit	Cuts 0 I.D. to 330mm O.D. Gaskets
AX6120	Heavy-Duty Metric Gasket Cutter Kit	Cuts 0 I.D. to 635mm O.D. Gaskets
AX6130	Heavy-Duty Metric Gasket Cutter Kit	Cuts 0 I.D. to 940mm O.D. Gaskets
AX6140	Heavy-Duty Metric Gasket Cutter Kit	Cuts 0 I.D. to 1245mm O.D. Gaskets
AX6150	Heavy-Duty Metric Gasket Cutter Kit	Cuts 0 I.D. to 1550mm O.D. Gaskets












# 6000 & 6100 Series Heavy-Duty Gasket Cutter Parts

PRODUCT	PART#	DESCRIPTION	6000 SERIES STANDARD KITS										6100 SERIES METRIC KITS										REPLACEMENT PART
			AX6000	AX6001	AX6002	AX6003	AX6004	AX6010	AX6020	AX6030	AX6040	AX6050	AX6100	AX6101	AX6102	AX6103	AX6104	AX6110	AX6120	AX6130	AX6140	AX6150	
	AX1600	Standard-Duty Cutting Blades (6 inclu. in kit / 6 sold as replacement)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	AX1601	Heavy-Duty Cutting Blades (6 inclu. in kit / 6 sold as replacement)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	AX3510	1 - 3/16" Short Center Pins (1 inclu. in kit / 6 sold as replacement)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
	AX3511	1 - 7/16" Medium Center Pins (1 inclu. in kit / 6 sold as replacement)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
	AX3512	1 - 1 1/16" Long Center Pins (1 inclu. in kit / 6 sold as replacement)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
	AX3513	Disc Pins (1 inclu. in kit / 6 sold as replacement)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
	AX1613	Center Pin Ferrule (2 installed in kit boards) (6 sold as replacement)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	SEE KITS	Brass Cutter Block Assembly (Standard & Metric)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0





# 6000 & 6100 Series Heavy-Duty Gasket Cutter Parts

PRODUCT	PART#	DESCRIPTION	6000 SERIES STANDARD KITS										6100 SERIES METRIC KITS										REPLACEMENT PART					
			AX6000	AX6001	AX6002	AX6003	AX6004	AX6010	AX6020	AX6030	AX6040	AX6050	AX6100	AX6101	AX6102	AX6103	AX6104	AX6110	AX6120	AX6130	AX6140	AX6150						
	AX3540	Center Pin Handle	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	AX5500	Dove-Tale Designer Template	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	AX5502	Bolt Hole Locator Template	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	SEE KIT AX1611 FOR REPLACEMENT	Post With Offset Pin	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
	SEE KIT AX1611 FOR REPLACEMENT	Pivot Post	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
	SEE KIT AX1612 FOR REPLACEMENT	Extension Bar Pivot Post	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0		
	SEE KIT AX1611 FOR REPLACEMENT	Knurled Nut For Pivot Post	2	3	3	3	3	2	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	0		
	SEE KIT AX1612 FOR REPLACEMENT	Knurled Nut For Extension Bar	0	0	1	2	3	0	0	1	2	3	0	0	1	2	3	0	0	1	2	3	0	0	1	2	3	0
	SEE KIT AX1612 FOR REPLACEMENT	13" - 25" Diameter. Extension Bar	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0		
> 25\" data-bbox="44 904 151 931"/>	SEE KIT AX1612 FOR REPLACEMENT	> 25" Diameter Extension Bar	0	0	1	2	3	0	0	1	2	3	0	0	1	2	3	0	0	1	2	3	0	0	1	2	3	0



## 3000 Series Light-Duty Gasket Cutter Kits

Extension-style kit features plastic cutter block with dual (inch/metric) cutting indicator. Sliding, knurled nut adjusts cutting radius. Plated, steel extension bars provide for cuts up to 37" (940mm) in diameter. Capable of cutting 1" (25mm) inner diameter. Thumbscrew sets cutting blade depth up to  $\frac{3}{4}$ ". 18" x 18" cutting board features plastic non-slip, textured surface that reduces blade friction, minimizes breakage, and self-heals after each use. Includes plastic storage case.

Part #	Model	Description
AX3000*	Light-Duty Gasket Cutter Kit	Cuts 0 I.D. to 13" (330mm) O.D. Gaskets
AX3010	Light-Duty Gasket Cutter Kit	Cuts 0 I.D. to 13" (330mm) O.D. Gaskets
AX3020	Light-Duty Gasket Cutter Kit	Cuts 0 I.D. to 25" (635mm) O.D. Gaskets
AX3030	Light-Duty Gasket Cutter Kit	Cuts 0 I.D. to 37" (940mm) O.D. Gaskets







\*Cutting Board not included

### Features





- Plastic cutter block
- Standard-Duty and Heavy-Duty cutting blades
- Plated, steel extension bars
- Plastic storage case
- 18" x 18" cutting board



# 3000 Series Light-Duty Gasket Cutter Parts

PRODUCT	PART#	DESCRIPTION	3000 SERIES LIGHT-DUTY KITS				REPLACEMENT PART
			AX3000	AX3010	AX3020	AX3030	
	AX1633	18"x 18" Cutting Board: Center Pin Ferrules (2) installed	0	1	1	1	1
	AX1634	24"x 24" Cutting Board: Center Pin Ferrules (2) installed	0	0	0	0	1
	AX1640	30"x 30" Cutting Board: Center Pin Ferrules (2) installed	0	0	0	0	1
	AX3535	Extension Arm Replacement Kit includes 4 arms. Kits show quantity of arm(s) included	0	0	1	2	1
	AX1622	Piercing Tool	1	1	1	1	1
	AX1613	Center Pin Ferrule (2 installed on boards with kits)	0	0	0	0	6
	SEE KIT FOR REPLACEMENT	Plastic Cutter Block Assembly (Standard & Metric)	1	1	1	1	0

# 3000 Series Light-Duty Gasket Cutter Parts

PRODUCT	PART#	DESCRIPTION	3000 SERIES LIGHT-DUTY KITS				REPLACEMENT PART
			AX3000	AX3010	AX3020	AX3030	
	AX3500	Standard-Duty Cutting Blades	1	1	1	1	6
	AX3501	Heavy-Duty Cutting Blades	1	1	1	1	6
	AX3510	1 - $\frac{3}{16}$ " Short Center Pins	1	1	1	1	6
	AX3511	1 - $\frac{7}{16}$ " Medium Center Pins	1	1	1	1	6
	AX3512	1 - $\frac{11}{16}$ " Long Center Pins	1	1	1	1	6
	AX3513	Disc Pins	0	0	0	0	6



## 2000 Series Compact Gasket Cutter Kits

Compact kit features a phenolic cutter block with multiple blade styles. Cuts 1/4" (6mm) up to 6" (152mm) in diameter. 6" x 6" cutting board features plastic non-slip, textured surface that reduces blade friction, minimizes breakage, and self-heals after each use. Includes metal storage case.

Part #	Model	Description
AX2000*	Compact Gasket Cutter Kit	Cuts 0 I.D. to 6" (152mm) O.D. Gaskets
AX2010	Compact Gasket Cutter Kit	Cuts 0 I.D. to 6" (152mm) O.D. Gaskets

\*Cutting Board not included



### Features

- Phenolic cutter block
- Pointed, Curved, Lathe-type and Rounded Tip cutting blades
- Durable, metal storage case
- 6"x 6" cutting board

## 2000 Series Compact Gasket Cutter Kit Parts

PRODUCT	PART#	DESCRIPTION	AX2000	AX2010	REPLACEMENT PART
	AX2500	Pointed Blades (thick material)	0	0	6
	AX2501	Curved Blades (very thin material)	1	1	6
	AX2502	Lathe-Type Blades (rigid material)	1	1	6
	AX2503	Rounded Tip Blades (general purpose)	1	1	6
	AX2510	$\frac{9}{16}$ " Short Center Pins	1	1	6
	SEE KIT	Cutter Block Assembly	1	1	0

PRODUCT	PART#	DESCRIPTION	AX2000	AX2010	REPLACEMENT PART
	AX2511	$1\frac{9}{16}$ " Med. Center Pins	1	1	6
	AX2512	$1\frac{9}{16}$ " Long Center Pins	1	1	6
	AX2520	6" x 6" Cutting Board: Center Pin Ferrule (1) Installed	0	1	1

*All parts fully compatible with Spearhead Model 760 gasket cutters formerly made by Zimmerman Packing & Manufacturing, Inc.*

# Rotary-Style Gasket Cutters







## M3 Rotary-Style Gasket Cutter

Cut accurate flange, ring, and irregular shaped gaskets with the M3 Rotary-Style Gasket Cutter. Designed primarily for non-metallic gasket materials such as cork, fiber, and rubber, up to 1/4" thick. Cuts gaskets with a face width of 1/4" to 7"; from 2" I.D. to 22" O.D. Accessory scale bars (not included) extend cutting range from 22" I.D. to 42" O.D., or 42" I.D. to 62" O.D. Mounts on a vise or clamps to a piece of angle iron.

Part #	Model	Description
AX7000	M3	Rotary-Style Gasket Cutter



### Features

- Heavy-duty, cast iron frame with 7" throat
- Precision steel components
- Crank operated
- Durable, heat-treated tool steel, rotary cutting discs



## M3 Motorized Rotary-Style Gasket Cutter

Cut accurate flange and ring gaskets with the Motorized M3 Rotary-Style Gasket Cutter. Perfect tool for fabricating multiple runs of the same-size gaskets quickly and efficiently. Designed primarily for non-metallic gasket materials such as cork, fiber, and rubber, up to 1/4" thick. Cuts gaskets with a face width of 1/4" to 7"; from 2" I.D. to 62" O.D. Mounts to any workbench with 3/8" bolts (not included).

Part #	Model	Description
AX7200	Motorized M3	Standard Rotary-Style Gasket Cutter
AX7220	Motorized M3	Standard 220V Rotary-Style Gasket Cutter
AX7250	Motorized M3	Metric Rotary-Style Gasket Cutter
AX7270	Motorized M3	Metric 220V Rotary-Style Gasket Cutter

### Features

- Heavy-duty, cast iron frame with 7" throat
- Precision steel components
- Durable, heat-treated tool steel, rotary cutting discs
- 1/6 Horsepower gear motor; 120 VAC





# SM4 Rotary-Style Gasket Cutter

Cut accurate flange, ring, and irregular shaped gaskets with the heavy-duty SM4 Rotary-Style Gasket Cutter. Primarily designed for metallic gasket materials such as soft steel, copper, zinc, and brass. Also cuts non-metallic materials such as hard fiber, rubber, and Teflon. Cuts gaskets with a face width of 1/2" to 8 3/4"; from 3" I.D. to 28" O.D. Accessory scale bars (not included) extend cutting range from 28" I.D. to 54" O.D., or 54" I.D. to 80" O.D. Mounts to any workbench with 3/8" bolts (not included).






Part #	Model	Description
AX7001	SM4	Rotary-Style Gasket Cutter





### Features






- Heavy-duty, cast iron frame with 8 3/4" throat
- Precision steel components
- Crank operated
- Durable, heat-treated tool steel, rotary cutting discs

# M3 Rotary-Style Gasket Cutter Parts

PRODUCT	PART #	DESCRIPTION
	AX1402	Cutter Set for Non-Metallic Gaskets
	AX1410	2" - 22" Standard Scale Bar
	AX1411	22" - 42" Medium Scale Bar
	AX1412	42" - 62" Long Scale Bar
	AX1430	Spanner Wrench
	AX1431	1 $\frac{1}{32}$ " Hole Punch
	AX1452	<b>Scale Bar Spindle Kit</b> Contains Scale Bar Spindle, Split Lock-washer, Knurled Washer, Round Phillips Head Machine Screw, and Knurled Nut



PRODUCT	PART #	DESCRIPTION
	AX1453	<b>Top Shaft Rebuild Kit</b> (1) Thrust Bearing Housing (1) Teflon Washer .06 x $\frac{5}{16}$ x .26 ID (2) $\frac{1}{4}$ -28 Hex Nut (1) $\frac{1}{4}$ Flat Washer (1) Thrust Bearing (1) Hex Nut $\frac{9}{16}$ -18 x $\frac{7}{16}$ x $\frac{5}{16}$ (1) Top Cutter Lifter Bearing (1) Top Shaft Gear (1) Top Shaft (1) Top Cutter Lifter Cam (1) Threaded Stud $\frac{1}{4}$ -20 x $\frac{3}{4}$ (1) $\frac{1}{4}$ -20 Hex Nut (1) Cup Point Set Screw (2) Beveled Washer (1) Teflon Washer $\frac{1}{16}$ x $\frac{7}{16}$ x $\frac{7}{32}$ (2) Round Phillip Head Machine Screw
		<b>M3 Bottom Shaft Rebuild Kit</b> Contains (2) $\frac{1}{2}$ -20 Hex Nut, (1) Bottom Shaft Gear, (1) Cup Point Set Screw, (1) Bottom Shaft Sleeve, and (1) Bottom Shaft Assembly
	AX1454	



# M3 Motorized Rotary-Style Gasket Cutter Parts

PRODUCT	PART #	DESCRIPTION
	AX1402	Cutter Set for Non-Metallic Gaskets
	AX1430	Spanner Wrench
	AX1431	1/32" Hole Punch
	AX1452	<b>Scale Bar Spindle Kit</b> Contains Scale Bar Spindle, Split Lockwasher, Knurled Washer, Round Phillips Head Machine Screw, and Knurled Nut
	AX1455	<b>Chain and Sprocket Kit</b> Contains Roller Chain with Master Link, Sprocket 15T with Set Screw, and Sprocket 20T with Set Screw
	AX1456	<b>Top Shaft Rebuild Kit</b> Contains (1) Thrust Bearing housing (1) Teflon Washer .06 x 5/8 x .26 ID (2) 1/4-28 Hex Nut (1) 1/4 Flat Washer (1) Thrust Bearing (1) Hex Nut 9/16-18 x 7/8 x 5/16 (1) Top Cutter Lifter Bearing Electric M3 (1) Top Shaft Gear (1) Top Shaft (1) Top Cutter Lifter Cam (1) Threaded Stud 1/4-20 x 3/4 (1) 1/4-20 Hex Nut (1) Cup Point Set Screw (2) Beveled Washer (1) Teflon Washer 1/16 x 7/8 x 7/32 (2) Round Phillip Head Machine Screw

PRODUCT	PART #	DESCRIPTION
	AX1461	Cutter Set for Metallic Gaskets
	AX1470	Cutter Set for Non-Metallic Gaskets
	AX1491	Bottom Shaft
	AX1492	Top Cutter Lifter Bearing

# SM4 Rotary-Style Gasket Cutter Parts

PRODUCT	PART #	DESCRIPTION
	AX1472	2" - 28" Standard Scale Bar
	AX1473	28" - 54" Medium Scale Bar
	AX1474	54" - 80" Long Scale Bar
	AX1489	<b>Scale Bar Spindle Kit</b> Contains Split Lock Washer, Center Bar Hex Head Cap Screw, Scale Bar Spindle, Knurled Washer, and Left Hand Knurled Nut

PRODUCT	PART #	DESCRIPTION
	AX1498	<b>Top Shaft Rebuild Kit</b> Contains (1) Thrust Bearing Housing (2) 3/8"-24 Thrust Bearing Hex Nut (1) Thrust Bearing (1) Thrust Bearing Hex Nut (1) Beveled Washer (1) Top Cutter Lifter Bearing (1) Spur Gear (2) Set Screw (1) Top Shaft (1) Adjusting Pin (1) 3/8" Flat Washer (1) PTFE Flat Washer (2) 1/4" Steel Lock Washer (1) Top Cutter Lifter Cam (1) 1/4"-20 Square HD Bolt (1) 1/4"-20 Hex Nut (1) Upper Cutter Lifter Cam Washer (2) 1/4"-20 Full Thread Hex Head (1) Top Cutter Lifter Teflon Washer (1) Pin for Lifter Cam Washer
	AX1499	<b>Bottom Shaft Rebuild Kit</b> Contains (1) Spur Gear, (2) Set Screw, (1) Scale Bar Tee Screw, (2) 3/4"- 16 Hex Nut, (1) Bottom Shaft with Bevel Gear, and (1) Spacer



## 3-Piece Gasket Scraper Set

Remove old, stuck-on gaskets with Allpax® gasket scrapers. Ideal for cleaning rust or debris from metal surfaces prior to reinstalling gaskets. Three (3) piece set includes multiple shaft lengths with 1" and ½" wide scraper heads. Offset beveled edge to allow easy scraping of flat surfaces. Beveled points with long head lengths allows scraper head to be re-ground multiple times for maximum service life. Includes: 5 - 5/8" shaft with ½" wide head, 3 - 7/8" shaft with 1" wide head, and 7 - 1/2" shaft with 1" wide head.

### Part #

### Description

AX1900

3-Piece Gasket Scraper Set

### Features

- Ergonomic, oil and solvent resistant rubber grip
- Convenient hole for hanging scraper
- High-strength, black-oxide coated steel shaft
- Offset to edge scraper heads



## Hollow Punches

Quickly and easily punch precision bolt holes in flange gaskets. Select the desired diameter cutting head ( $\frac{1}{8}$ " to 2" standard) or (2mm to 50mm metric), mount on handle, position on gasket material, and strike! Patented locking system allows rapid interchange of cutting heads. Unique design punches single diameter holes (bolt holes) as well as dual diameter rings (washers) in one operation. Hardened steel cutting heads stay sharp. Available in 11 piece, 16 piece and 27 piece standard kits or 11 piece, 16 piece and 31 piece metric kits, as well as individual punches.

### Features

- Patented locking system
- Unique design
- Hardened steel cutting heads

#### FOR BOLT HOLES



Snap hollow punch cutting head onto mandrel/handle.



Strike.

#### FOR WASHERS



For washer ID, mount small dia. hollow punch cutting head onto mandrel/handle.



For washer OD, mount large dia. hollow punch cutting head onto mandrel/handle.



Strike.





## 11 Piece Hollow Punch Kits STANDARD & METRIC

Quickly and easily punch precision bolt holes in flange gaskets. Select the desired diameter cutting head ( $\frac{1}{8}$ " to 2" standard) or (2mm to 50mm metric), mount on handle, position on gasket material, and strike! Patented locking system allows rapid interchange of cutting heads. Unique design punches single diameter holes (bolt holes) as well as dual diameter rings (washers) in one operation. Hardened steel cutting heads stay sharp. Available in 11 piece, 16 piece, 27 and 31 piece kits, and individual punches.

Part #	Model	Description
AX1300	Hollow Punch Kit	11 Piece Standard
AX1350	Hollow Punch Kit	11 Piece Metric

### Features

- Patented locking system
- Unique design
- Hardened steel cutting heads



## 16 Piece Hollow Punch Kits STANDARD & METRIC

Quickly and easily punch precision bolt holes in flange gaskets. Select the desired diameter cutting head ( $\frac{1}{8}$ " to 2" standard) or (2mm to 50mm metric), mount on handle, position on gasket material, and strike! Patented locking system allows rapid interchange of cutting heads. Unique design punches single diameter holes (bolt holes) as well as dual diameter rings (washers) in one operation. Hardened steel cutting heads stay sharp. Available in 11 piece, 16 piece, 27 and 31 piece kits, and individual punches.

Part #	Model	Description
AX1301	Hollow Punch Kit	16 Piece Standard
AX1351	Hollow Punch Kit	16 Piece Metric

### Features

- Patented locking system
- Unique design
- Hardened steel cutting heads



## 27 or 31 Piece Hollow Punch Kits STANDARD & METRIC

Quickly and easily punch precision bolt holes in flange gaskets. Select the desired diameter cutting head ( $\frac{1}{8}$ " to 2" standard) or (2mm to 50mm metric), mount on handle, position on gasket material, and strike! Patented locking system allows rapid interchange of cutting heads. Unique design punches single diameter holes (bolt holes) as well as dual diameter rings (washers) in one operation. Hardened steel cutting heads stay sharp. Available in 11 piece, 16 piece, 27 and 31 piece kits, and individual punches.

Part #	Model	Description
AX1302	Hollow Punch Kit	27 Piece Standard
AX1352	Hollow Punch Kit	31 Piece Metric

### Features

- Patented locking system
- Unique design
- Hardened steel cutting heads

# Hollow Punch Parts

## STANDARD PARTS

Part #	Model	Desc	Part #	Model	Desc
AX1310	Cutting Head	1/8"	AX1325	Cutting Head	1 - 1/4"
AX1311	Cutting Head	3/16"	AX1326	Cutting Head	1 - 5/16"
AX1312	Cutting Head	1/4"	AX1327	Cutting Head	1 - 3/8"
AX1313	Cutting Head	5/16"	AX1328	Cutting Head	1 - 7/16"
AX1314	Cutting Head	3/8"	AX1329	Cutting Head	1 - 1/2"
AX1315	Cutting Head	7/16"	AX1330	Cutting Head	1 - 5/8"
AX1316	Cutting Head	1/2"	AX1331	Cutting Head	1 - 11/16"
AX1317	Cutting Head	9/16"	AX1332	Cutting Head	1 - 3/4"
AX1318	Cutting Head	5/8"	AX1333	Cutting Head	1 - 7/8"
AX1319	Cutting Head	3/4"	AX1334	Cutting Head	2"
AX1320	Cutting Head	7/8"	AX1340	Handle for 11 Piece Kit	
AX1321	Cutting Head	1"	AX1341	Handle for 16 Piece Kit	
AX1322	Cutting Head	1 - 1/16"	AX1342	Handle for 27 Piece Kit	
AX1323	Cutting Head	1 - 1/8"	AX1343	Handle - Mandrel	
AX1324	Cutting Head	1 - 3/16"			

## METRIC PARTS

Part #	Model	Desc	Part #	Model	Desc
AX1360	Cutting Head	2 mm	AX1377	Cutting Head	28 mm
AX1361	Cutting Head	3 mm	AX1378	Cutting Head	30 mm
AX1362	Cutting Head	4 mm	AX1379	Cutting Head	32 mm
AX1363	Cutting Head	5 mm	AX1380	Cutting Head	34 mm
AX1364	Cutting Head	6 mm	AX1381	Cutting Head	36 mm
AX1365	Cutting Head	7 mm	AX1382	Cutting Head	38 mm
AX1366	Cutting Head	8 mm	AX1383	Cutting Head	40 mm
AX1367	Cutting Head	9 mm	AX1384	Cutting Head	42 mm
AX1368	Cutting Head	10 mm	AX1385	Cutting Head	44 mm
AX1369	Cutting Head	12 mm	AX1386	Cutting Head	46 mm
AX1370	Cutting Head	14 mm	AX1387	Cutting Head	48 mm
AX1371	Cutting Head	16 mm	AX1388	Cutting Head	50 mm
AX1372	Cutting Head	18 mm	AX1340	Handle for 11 Piece Kit	
AX1373	Cutting Head	20 mm	AX1341	Handle for 16 Piece Kit	
AX1374	Cutting Head	22 mm	AX1342	Handle for 31 Piece Kit	
AX1375	Cutting Head	24 mm	AX1343	Handle - Mandrel	
AX1376	Cutting Head	26 mm			



### Features

- Black-oxide coated
- Size stamped on each punch

## Arch Punches

High-strength, drop-forged steel arch punches perfect for creating precision-size bolt holes from  $\frac{3}{16}$ " to 1- $\frac{7}{8}$ ". Arch design safely transmits impact force from the punch handle to the cutting head. Finely-honed cutting edge cuts gasket material cleanly. Cutting head features inside taper to quickly and effectively clear punchings.

Part #	Description	Part #	Description
AX1800	$\frac{3}{16}$ " Arch Punch	AX1813	1" Arch Punch
AX1801	$\frac{1}{4}$ " Arch Punch	AX1815	1- $\frac{1}{8}$ " Arch Punch
AX1802	$\frac{5}{16}$ " Arch Punch	AX1816	1- $\frac{3}{16}$ " Arch Punch
AX1803	$\frac{3}{8}$ " Arch Punch	AX1817	1- $\frac{1}{4}$ " Arch Punch
AX1804	$\frac{7}{16}$ " Arch Punch	AX1818	1- $\frac{5}{16}$ " Arch Punch
AX1805	$\frac{1}{2}$ " Arch Punch	AX1819	1- $\frac{3}{8}$ " Arch Punch
AX1807	$\frac{5}{8}$ " Arch Punch	AX1820	1- $\frac{7}{16}$ " Arch Punch
AX1808	1 $\frac{1}{16}$ " Arch Punch	AX1821	1- $\frac{1}{2}$ " Arch Punch
AX1809	$\frac{3}{4}$ " Arch Punch	AX1822	1- $\frac{5}{8}$ " Arch Punch
AX1810	1 $\frac{3}{16}$ " Arch Punch	AX1823	1- $\frac{3}{4}$ " Arch Punch
AX1811	$\frac{7}{8}$ " Arch Punch	AX1824	1- $\frac{7}{8}$ " Arch Punch
AX1812	1 $\frac{5}{16}$ " Arch Punch		



## Power Punches










Drop-forged, high-strength steel power punches ideal for creating 1/4" to 1" diameter bolt holes. Unique centering pin ensures absolute punch accuracy. Arch design safely transmits impact force from the punch handle to the cutting head. Exclusive snap-lock, quick-release mechanism allows for quick change of cutting heads. Cutting heads feature finely-honed edges for clean punches. Inside taper effectively clears punched material. Power punch pad provides perfect surface for harder, more accurate hits. Available in 10 piece and 16 piece kits, as well as individual punches.




Part #	Description
AX1860	10 Piece Power Punch Kit
AX1861	16 Piece Power Punch Kit

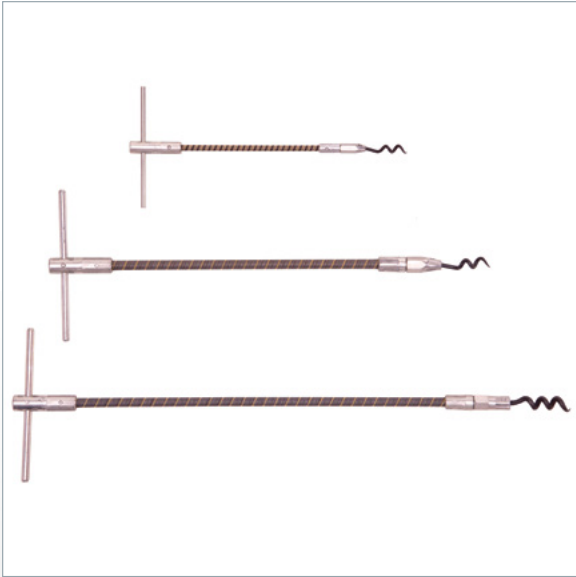
### Features

- Drop-forged, high-strength steel
- Unique centering pin
- Exclusive snap-lock, quick-release mechanism
- Finely-honed cutting edges for clean punches
- Power punch pad

# Power Punch Parts

PRODUCT	PART#	DESCRIPTION	AX1860	AX1861
	AX1870	1/4" Cutting Head	1	1
	AX1871	5/16" Cutting Head	0	1
	AX1872	3/8" Cutting Head	1	1
	AX1873	7/16" Cutting Head	0	1
	AX1874	1/2" Cutting Head	1	1
	AX1875	9/16" Cutting Head	0	1
	AX1876	5/8" Cutting Head	1	1
	AX1877	11/16" Cutting Head	0	1
	AX1878	3/4" Cutting Head	1	1

PRODUCT	PART#	DESCRIPTION	AX1860	AX1861
	AX1879	13/16" Cutting Head	0	1
	AX1880	7/8" Cutting Head	1	1
	AX1881	15/16" Cutting Head	0	1
	AX1882	1" Cutting Head	1	1
	AX1885	Power Punch Handle	1	1



## Packing Hooks







Perfect labor saving tool for removing packing from stuffing boxes. Flexible design allows access around obstructions and into hard-to-reach areas. Available in convenient sizes to meet a wide variety of requirements.

Part #	Description
AX1210	7.5"
AX1211	11"
AX1212	15"
AX1213	19"
AX1214	22"
AX1215	30"

### Features

- Tempered tool steel corkscrew-style bit
- Flexible wound-wire shaft
- Steel "T" handle



PRODUCT	PART#	DESCRIPTION	OVERALL LENGTH	BIT DIAMETER	USED FOR PACKING SIZES
	AX1210	No. 1 Flexible Packing Hook	7 1/2"	7/32"	1/4" and up
	AX1211	No. 2 Flexible Packing Hook	11"	15/16"	3/8" and up
	AX1212	No. 3 Flexible Packing Hook	15"	3/8"	7/16" and up
	AX1213	No. 4 Flexible Packing Hook	19"	1/2"	9/16" and up
	AX1214	No. 5 Flexible Packing Hook	22"	5/8"	11/16" and up
	AX1215	No. 6 Flexible Packing Hook	30"	1"	1" and up
	AX1220	No. 1 Packing Hook Replacement Tip	1 - 3/4"	7/32"	1/4" and up
	AX1221	No. 2 Packing Hook Replacement Tip	2 - 3/16"	15/16"	11/32" and up
	AX1222	No. 3 Packing Hook Replacement Tip	2 - 5/8"	3/8"	7/16" and up
	AX1225	No. 10 Rigid Packing Hook	6"	1/4"	1/4" and up
	AX1226	No. 11 Rigid Packing Hook	10"	15/16"	7/16" and up
	AX1227	No. 12 Rigid Packing Hook	14"	3/8"	7/16" and up
	AX1228	No. 13 Rigid Packing Hook	9 - 1/2"	15/16"	N/A
	AX1229	No. 14 Rigid Packing Hook	9 - 1/2"	11/16"	N/A
	AX1230	No. 15 Rigid Packing Hook	10"	1"	N/A
	AX1231	No. 16 Rigid Packing Hook "O" Ring Extractor	6 - 1/4"	7/16"	N/A
	AX1232	No. 17 Valve Stem Packing Hook	7"	9/16"	N/A



## Dove-Tail Punches

Perfect for fabricating interlocking dove-tail joints when the outside diameter of the gasket is larger than the width of the material to be cut. No pre-measuring, marking or scoring required. Cut ¾" to 3" wide flange gaskets with this 3 piece kit.

Part #	Model	Description
AX1850	Dove-Tail Punch	No 1
AX1851	Dove-Tail Punch	No 2
AX1852	Dove-Tail Punch	No 3
AX1855	Dove-Tail Punch	3 Piece Kit



### Features

- Padded rubber grip
- High-strength steel



# Dead Blow Hammers

Ideal hammers for use with hollow punch tools. Shot-loaded head reduces rebound and absorbs impact. Balanced feel. Soft face reduces marring and noise. Tapered handle features textured grip for superior comfort.

Part #	Model	Description
AX1200	Dead Blow Hammer	1.0 lb Soft Face
AX1201	Dead Blow Hammer	1.5 lb Soft Face
AX1202	Dead Blow Hammer	2.0 lb Soft Face
AX1203	Dead Blow Hammer	2.5 lb Soft Face
AX1204	Dead Blow Hammer	3.0 lb Soft Face

## Features

- Steel core construction
- Soft plastic exterior with no exposed metal
- Comfort handle

# FAQs

## **How do extension-style gasket cutters work?**

Extension-style gasket cutters feature a cutter block with an adjustable cutting blade and modular extension bars. To use, first pierce a small hole in the center of the gasket material to be cut. Lay out the material flat on the cutting board. Poke the center pin thru the hole and insert into a ferrule in the board. Set the blade to the required depth of cut. Loosen the knurled nut and adjust to the desired outside diameter (OD). Add (or remove) extensions if necessary. Place the tail of the extension onto the pin. With one hand holding the pin, grip the block with the other hand. Apply downward pressure and at the same time sweep a circular pattern around the circumference of the material. Remove excess material. Adjust the cutter to the desired inner diameter (ID) and cut another circular pattern around that circumference. Remove finished flange gasket.

## **How do rotary-style gasket cutters work?**

Rotary-style gasket cutters feature a stationary frame with a crank-powered or motorized, set of rotating cutting discs. To operate, first set the scale bar to the desired outer diameter (OD). Pierce a small hole in the center of the gasket material to be cut. Open the cutter, insert the material onto scale bar spindle, and secure with the knurled nut. With one hand, lower the cutting disc and apply pressure, while simultaneously turning the crank with the other hand. Remove excess material. Adjust the scale bar to the desired inner diameter (ID) and cut another circular pattern around that circumference. Remove finished flange gasket.

## **What style gasket cutter would work best for my application?**

In general, extension-style gasket cutters are often used where portability is key. Their lightweight, modular nature makes them ideal for gasket fabrication "in the field". However, some end-users have the luxury of a dedicated gasket fabrication table where large sheets of gasket material can be laid out flat. This is particularly useful where very large diameter gaskets (larger than the standard 18" x 18" cutting board) are routinely fabricated. Extension-style cutters are often preferred for cutting non-rigid or non-metallic gasket materials.

Rotary-style gasket cutters are heavy tools. Since they need to be mounted in a vise or clamped in an upright position (Model M3), or bolted to a workbench (Model SM4), they are ideal for a fixed location such as a shop. Rotary-style cutters are often preferred for cutting more rigid or metallic gasket materials.

# Typical Applications

**For over 70 years, Allpax gasket cutters have been fabricating gaskets for countless applications.**

**“Gaskets for large power transformers and oil filled circuit breakers.”**

*American Electric Power  
Tulsa, OK*

**“Pump flange gaskets for our boilers and chillers.”**

*Sandpearl Resort  
Clearwater Beach, FL*

**“Flange gaskets for our ammonia refrigeration and high pressure steam systems.”**

*Rainsweet  
Salem, OR*

**“Ring and flange gaskets for steam, water, and air lines aboard a supertanker.”**

*SeaRiver Maritime  
Houston, TX*

**“Gaskets for maintenance and repair of large tonnage commercial and industrial air conditioning units.”**

*Power Cooling  
Long Island City, NY*

**“Seals for our refrigeration, wastewater, and water treatment systems.”**

*HJ Heinz  
San Diego, CA*

**“Gaskets for turbines and compressors during fabrication/rebuild/repairs.”**

*Dresser Rand  
Horsham, PA*

**“A multitude of gaskets for hydraulic cylinders, pumps, valves, and pneumatic components in our plant.”**

*Macsteel Service Center  
Monroe, MI*

**“Large diameter gaskets for railroad tank car refurbishment.”**

*Progress Rail Services  
Amarillo, TX*

**“Gaskets for the fire system check valves.”**

*University California Berkeley  
Berkeley, CA*

**“Large and small seals for air compressors, piping, and engines.”**

*Texas Eastern Transmission  
Marietta, PA*

**“Custom gaskets for storage tanks.”**

*International Paper  
Ticonderoga, NY*







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