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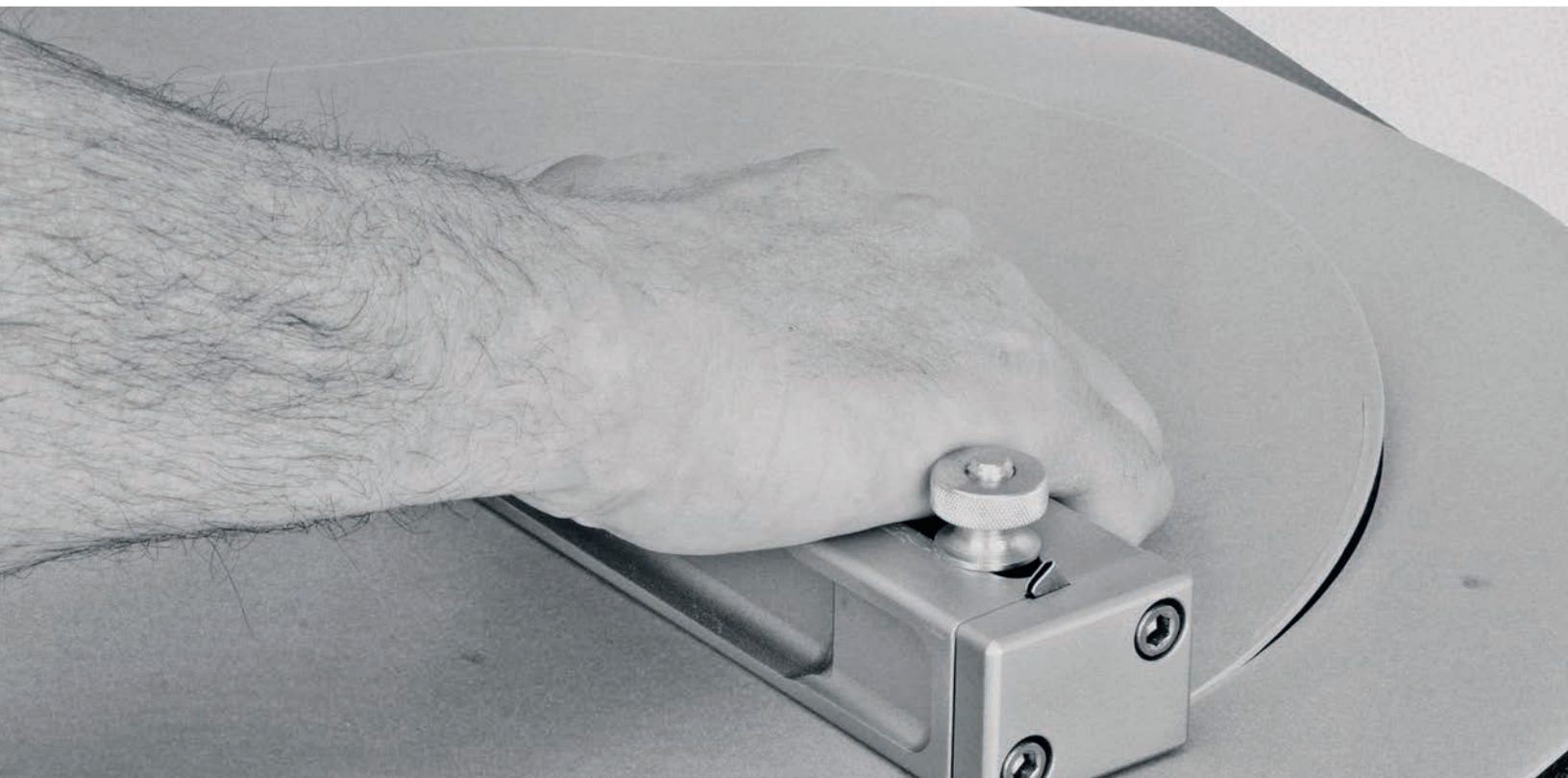
Gasket Cutting
Tools



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Extension-Style Gasket Cutter Kits





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

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" (1550mm) in diameter. Hex screws hold cutting blade for cuts up to 3/4" (19mm) 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.

| Part # | Model | Description |
|---------|------------------------------|--|
| AX6000* | Heavy-Duty Gasket Cutter Kit | Cuts 1/4" I.D. Gaskets to 13" O.D. Gaskets |
| AX6010 | Heavy-Duty Gasket Cutter Kit | Cuts 1/4" I.D. Gaskets to 13" O.D. Gaskets |
| AX6020 | Heavy-Duty Gasket Cutter Kit | Cuts 1/4" I.D. Gaskets to 25" O.D. Gaskets |
| AX6030 | Heavy-Duty Gasket Cutter Kit | Cuts 1/4" I.D. Gaskets to 37" O.D. Gaskets |
| AX6040 | Heavy-Duty Gasket Cutter Kit | Cuts 1/4" I.D. Gaskets to 49" O.D. Gaskets |
| AX6050 | Heavy-Duty Gasket Cutter Kit | Cuts 1/4" I.D. Gaskets to 61" O.D. Gaskets |

*Cutting Board not included





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

6000 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 61" (1550mm) in diameter. Hex screws hold cutting blade for cuts up to 3/4" (19mm) 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.

| Part # | Model | Description |
|---------|-------------------------------------|--------------------------------------|
| AX6100* | Heavy-Duty Metric Gasket Cutter Kit | Cuts 6mm I.D. to 330mm O.D. Gaskets |
| AX6110 | Heavy-Duty Metric Gasket Cutter Kit | Cuts 6mm I.D. to 330mm O.D. Gaskets |
| AX6120 | Heavy-Duty Metric Gasket Cutter Kit | Cuts 6mm I.D. to 635mm O.D. Gaskets |
| AX6130 | Heavy-Duty Metric Gasket Cutter Kit | Cuts 6mm I.D. to 940mm O.D. Gaskets |
| AX6140 | Heavy-Duty Metric Gasket Cutter Kit | Cuts 6mm I.D. to 1245mm O.D. Gaskets |
| AX6150 | Heavy-Duty Metric Gasket Cutter Kit | Cuts 6mm I.D. to 1550mm O.D. Gaskets |




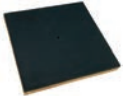






*Cutting Board not included



6000 & 6100 Series Heavy-Duty Gasket Cutter Parts

| PRODUCT | PART# | DESCRIPTION | 6000 SERIES STANDARD KITS | | | | | | 6100 SERIES METRIC KITS | | | | | | REPLACEMENT PART |
|---|--------|-------------------------------------|------------------------------|--------|--------|--------|--------|--------|----------------------------|--------|--------|--------|--------|--------|------------------|
| | | | AX6000 | AX6010 | AX6020 | AX6030 | AX6040 | AX6050 | AX6100 | AX6110 | AX6120 | AX6130 | AX6140 | AX6150 | |
|  | AX1600 | Standard-Duty Cutting Blades | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | AX1601 | Heavy-Duty Cutting Blades | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | AX1610 | Boron Carbide-Coated Cutting Blades | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
|  | AX3510 | 1 - 1/16" Short Center Pins | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
|  | AX3511 | 1 - 7/16" Medium Center Pins | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
|  | AX3512 | 1 - 1/16" Long Center Pins | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
|  | AX3513 | Disc Pins | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
|  | AX1613 | Center Pin Ferrule | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | AX1615 | Post With Offset Pin | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX1616 | Pivot Post | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX1617 | Extension Bar Pivot Post | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
|  | AX1618 | Knurled Nut For Pivot Post | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 1 |
|  | AX1619 | Knurled Nut For Extension Bar | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 2 | 3 | 1 |
|  | AX1620 | 13" - 25" Dia. Extension Bar | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |

6000 & 6100 Series Heavy-Duty Gasket Cutter Parts

| PRODUCT | PART# | DESCRIPTION | 6000 SERIES STANDARD KITS | | | 6100 SERIES METRIC KITS | | | | | REPLACEMENT PART | | | | |
|--|--------|-------------------------------|---------------------------|--------|--------|-------------------------|--------|--------|--------|--------|------------------|--------|--------|--------|--------|
| | | | AX6000 | AX6010 | AX6020 | AX6030 | AX6040 | AX6050 | AX6100 | AX6110 | | AX6120 | AX6130 | AX6140 | AX6150 |
|  | AX1621 | > 25" Dia. Extension Bar | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 2 | 3 | 1 |
|  | AX1623 | Cutter Block Fastener Kit: | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | AX1628 | Cutting Knob | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX1633 | 18"x 18" Cutting Board | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX1634 | 24"x 24" Cutting Board | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | AX1640 | 30"x 30" Cutting Board | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | AX1641 | Cutter Block Assembly | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | AX1650 | Cutter Block Assembly; Metric | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX1651 | Storage Case | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX3540 | Center Pin Handle | 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 |
|  | AX5502 | Bolt Hole Locator Template | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |



4000 Series Medium-Duty Gasket Cutter Kits

Extension-style kits feature aluminum cutter block with dual (inch/metric) cutting indicator. Sliding, knurled nut adjusts cutting radius. Plated, steel extension bars provide for cuts up to 49" (1245mm) in diameter. Thumbscrew sets cutting blade depth up to 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 |
|---------|-------------------------------|---|
| AX4000* | Medium-Duty Gasket Cutter Kit | Cuts 1"(25mm) I.D. to 13" (330mm) O.D. Gaskets |
| AX4010 | Medium-Duty Gasket Cutter Kit | Cuts 1"(25mm) I.D. to 13" (330mm) O.D. Gaskets |
| AX4020 | Medium-Duty Gasket Cutter Kit | Cuts 1"(25mm) I.D. to 25" (635mm) O.D. Gaskets |
| AX4030 | Medium-Duty Gasket Cutter Kit | Cuts 1"(25mm) I.D. to 37" (940mm) O.D. Gaskets |
| AX4040 | Medium-Duty Gasket Cutter Kit | Cuts 1"(25mm) I.D. to 49" (1245mm) O.D. Gaskets |

*Cutting Board not included

Features

- Aluminum 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 Kits

Extension-style kits feature 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. Thumbscrew sets cutting blade depth up to 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 1" (25mm) I.D. to 13" (330mm) O.D. Gaskets |
| AX3010 | Light-Duty Gasket Cutter Kit | Cuts 1" (25mm) I.D. to 13" (330mm) O.D. Gaskets |
| AX3020 | Light-Duty Gasket Cutter Kit | Cuts 1" (25mm) I.D. to 25" (635mm) O.D. Gaskets |
| AX3030 | Light-Duty Gasket Cutter Kit | Cuts 1" (25mm) 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



4000 & 3000 Series Medium & Light-Duty Gasket Cutter Parts

| PRODUCT | PART# | DESCRIPTION | 4000 SERIES MEDIUM-DUTY KITS | | | | 3000 SERIES LIGHT-DUTY KITS | | | | REPLACEMENT PART | |
|---|--------|---|---------------------------------|--------|--------|--------|--------------------------------|--------|--------|--------|------------------|--------|
| | | | AX4000 | AX4010 | AX4020 | AX4030 | AX4040 | AX3000 | AX3010 | AX3020 | | AX3030 |
|  | AX1633 | 18"x 18" Cutting Board: Center Pin Ferrules (2) installed | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
|  | AX1634 | 24"x 24" Cutting Board: Center Pin Ferrules (2) installed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | AX1640 | 30"x 30" Cutting Board: Center Pin Ferrules (2) installed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  | AX3535 | Extension Arm | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 1 | 2 | 1 |
|  | AX3550 | Pivot Post Assembly (Note: installed assembled on block) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX1622 | Piercing Tool | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | AX1613 | Center Pin Ferrule | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |



Features

- Phenolic cutter block
- Pointed, Curved, lathe-type and Rounded Tip cutting blades
- Plated, steel extension bars
- Durable, metal storage case
- 6"x 6" cutting board

2000 Series Compact Gasket Cutter Kits

Compact kits feature a phenolic cutter block with multiple blade styles. Plated, steel extension bars provide for cuts 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 ¼" (6mm) I.D. to 6" (152mm) O.D. Gaskets |
| AX2010 | Compact Gasket Cutter Kit | Cuts ¼" (6mm) I.D. to 6" (152mm) O.D. Gaskets |

*Cutting Board not included



2000 Series Compact Gasket Cutter Kit Parts

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

| PRODUCT | PART# | DESCRIPTION | AX1860 | AX1861 | 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 |
|  | AX2530 | Pivot Post Assembly | 1 | 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 and ring 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 1/4" bolts (not included).

| Part # | Model | Description |
|--------|--------------|----------------------------|
| AX7200 | Motorized M3 | 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 and ring 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 $\frac{1}{2}$ " to $8\frac{3}{4}$ "; from 3" ID to 28" OD. Accessory scale bars (not included) extend cutting range from 28" ID to 54" OD, or 54" ID to 80" OD. Mounts to any workbench with $\frac{1}{4}$ " bolts (not included).

| Part # | Model | Description |
|--------|-------|----------------------------|
| AX7001 | SM4 | Rotary-Style Gasket Cutter |



Features

- Heavy-duty, cast iron frame with 8.75" throat
- Precision steel components
- Crank operated
- Durable, heat-treated tool steel cutters











M3 Rotary-Style Gasket Cutter Parts

| PRODUCT | PART # | DESCRIPTION |
|---------|--------|-------------------------------------|
| | AX1400 | Top Cutting Disc for N-M* |
| | AX1401 | Bottom Cutting Disc for N-M* |
| | 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 |
| | AX1413 | Scale Bar Knurled Nut |
| | AX1420 | Thrust Bearing Housing |
| | AX1421 | Thrust Bearing |
| | AX1422 | Top Shaft Gear |
| | AX1423 | Top Shaft |
| | AX1424 | Bottom Shaft Gear |

* Non-Metallic Gaskets

| PRODUCT | PART # | DESCRIPTION |
|---------|--------|---|
| | AX1425 | Bottom Shaft |
| | AX1426 | Top Cutter Lifter Bearing |
| | AX1427 | Top Cutter Lifter Cam |
| | AX1428 | Handle Assembly |
| | AX1430 | Spanner Wrench |
| | AX1431 | 1/8" Hole Punch |
| | AX1450 | Top Shaft Hardware Kit. Contains Teflon Washers (2), Beveled Washers (2), Pan Head Screws (2), Thrust Bearing, Hex Jam Nut, Hex Nuts (2), Flat Washer |
| | AX1451 | Scale Bar Plate Kit. Contains Retaining Plate, Pan Head Screws (2), Center Bar Tee Screw |
| | AX1452 | Scale Bar Spindle Kit. Contains Center Bar Spindle, Center Bar Knurled Nut, Knurled Washer, Pan Head Screw, Helical Lock Washer, Thread, Cap |

M3 Motorized Rotary-Style Gasket Cutter Parts

| PRODUCT | PART # | DESCRIPTION |
|---|--------|-------------------------------------|
|  | AX1400 | Top Cutting Disc for N-M* |
|  | AX1401 | Bottom Cutting Disc for N-M* |
|  | AX1402 | Cutter Set for Non-Metallic Gaskets |
|  | AX1413 | Scale Bar Knurled Nut |
|  | AX1420 | Thrust Bearing Housing |
|  | AX1421 | Thrust Bearing |
|  | AX1422 | Top Shaft Gear |
|  | AX1423 | Top Shaft |
|  | AX1424 | Bottom Shaft Gear |
|  | AX1427 | Top Cutter Lifter Cam |
|  | AX1430 | Spanner Wrench |
|  | AX1431 | 1 $\frac{1}{32}$ " Hole Punch |

* Non-Metallic Gaskets

| PRODUCT | PART # | DESCRIPTION |
|---|--------|---|
|  | AX1450 | Top Shaft Hardware Kit. Contains Teflon Washers (2), Beveled Washers (2), Pan Head Screws (2), Thrust Bearing, Hex Jam Nut, Hex Nuts (2), Flat Washer |
|  | AX1451 | Scale Bar Plate Kit. Contains Retaining Plate, Pan Head Screws (2), Center Bar Tee Screw |
|  | AX1452 | Scale Bar Spindle Kit. Contains Center Bar Spindle, Center Bar Knurled Nut, Knurled Washer, Pan Head Screw, Helical Lock Washer, Thread, Cap |
|  | AX1490 | 2" - 62" Long Scale Bar |
|  | AX1491 | Bottom Shaft |
|  | AX1492 | Top Cutter Lifter Bearing |
|  | AX1493 | Roller Chain & Master Link |
|  | AX1494 | 2 Sprockets |
|  | AX1495 | Motor |

SM4 Rotary-Style Gasket Cutter Parts

| PRODUCT | PART # | DESCRIPTION |
|---------|--------|-------------------------------------|
| | AX1400 | Top Cutting Disc for N-M* |
| | AX1460 | Bottom Cutting Gear |
| | AX1461 | Cutter Set for Metallic Gaskets |
| | AX1470 | Cutter Set for Non-Metallic Gaskets |
| | AX1471 | Top Cutting Disc for Metal |
| | AX1472 | 2" - 28" Standard Scale Bar |
| | AX1473 | 28" - 54" Medium Scale Bar |
| | AX1474 | 54" - 80" Long Scale Bar |
| | AX1475 | Scale Bar Knurled Nut |
| | AX1480 | Scale Bar Spindle |
| | AX1481 | Scale Bar Spindle Knurled Washer |
| | AX1482 | Thrust Bearing |

* Non-Metallic Gaskets

| PRODUCT | PART # | DESCRIPTION |
|---------|--------|--|
| | AX1483 | Spur Gear |
| | AX1484 | Bottom Shaft with Bevel Gear |
| | AX1485 | Top Shaft Hardware Kit. Contains Thrust Bearing Spindle Hex Nuts (2), Thrust Bearing Hex Nut, $\frac{3}{8}$ " Flat Washer, Teflon Washer |
| | AX1486 | Gear Guard Hardware Kit. Contains Split Lock Washers (2), Beveled Washer, Hex Head Cap Screws (2), Flat Washers (2) |
| | AX1487 | Top Cutter Lifter Hardware Kit. Contains Beveled Washer, Split Lock Washers (2), Hex Head Cap Screws (2), Upper Cutter Lifter Cam Washer, Teflon Flat Washer |
| | AX1488 | Scale Bar Plate Hardware Kit. Contains Center Bar Tee Screw, Hex Head Cap Screws (4), Split Lock Washers (4), Flat Washers (4) |



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, 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 and 27 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 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 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 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 | $\frac{1}{8}$ " | AX1325 | Cutting Head | 1 - $\frac{1}{4}$ " |
| AX1311 | Cutting Head | $\frac{3}{16}$ " | AX1326 | Cutting Head | 1 - $\frac{5}{16}$ " |
| AX1312 | Cutting Head | $\frac{1}{4}$ " | AX1327 | Cutting Head | 1 - $\frac{3}{8}$ " |
| AX1313 | Cutting Head | $\frac{5}{16}$ " | AX1328 | Cutting Head | 1 - $\frac{7}{16}$ " |
| AX1314 | Cutting Head | $\frac{3}{8}$ " | AX1329 | Cutting Head | 1 - $\frac{1}{2}$ " |
| AX1315 | Cutting Head | $\frac{7}{16}$ " | AX1330 | Cutting Head | 1 - $\frac{5}{8}$ " |
| AX1316 | Cutting Head | $\frac{1}{2}$ " | AX1331 | Cutting Head | 1 - $\frac{11}{16}$ " |
| AX1317 | Cutting Head | $\frac{9}{16}$ " | AX1332 | Cutting Head | 1 - $\frac{3}{4}$ " |
| AX1318 | Cutting Head | $\frac{5}{8}$ " | AX1333 | Cutting Head | 1 - $\frac{7}{8}$ " |
| AX1319 | Cutting Head | $\frac{3}{4}$ " | AX1334 | Cutting Head | 2" |
| AX1320 | Cutting Head | $\frac{7}{8}$ " | AX1340 | Handle for 11 Piece Kit | |
| AX1321 | Cutting Head | 1" | AX1341 | Handle for 16 Piece Kit | |
| AX1322 | Cutting Head | 1 - $\frac{1}{16}$ " | AX1342 | Handle for 27 Piece Kit | |
| AX1323 | Cutting Head | 1 - $\frac{1}{8}$ " | AX1343 | Mandrel | |
| AX1324 | Cutting Head | 1 - $\frac{3}{16}$ " | | | |

METRIC PARTS

| Part # | Model | Desc | Part # | Model | Desc |
|--------|--------------|-------|--------|-------------------------|-------|
| AX1360 | Cutting Head | 2 mm | AX1360 | Cutting Head | 28 mm |
| AX1361 | Cutting Head | 3 mm | AX1361 | Cutting Head | 30 mm |
| AX1362 | Cutting Head | 4 mm | AX1362 | Cutting Head | 32 mm |
| AX1363 | Cutting Head | 5 mm | AX1363 | Cutting Head | 34 mm |
| AX1364 | Cutting Head | 6 mm | AX1364 | Cutting Head | 36 mm |
| AX1365 | Cutting Head | 7 mm | AX1365 | Cutting Head | 38 mm |
| AX1366 | Cutting Head | 8 mm | AX1366 | Cutting Head | 40 mm |
| AX1367 | Cutting Head | 9 mm | AX1367 | Cutting Head | 42 mm |
| AX1368 | Cutting Head | 10 mm | AX1368 | Cutting Head | 44 mm |
| AX1369 | Cutting Head | 12 mm | AX1369 | Cutting Head | 46 mm |
| AX1370 | Cutting Head | 14 mm | AX1370 | Cutting Head | 48 mm |
| AX1371 | Cutting Head | 16 mm | AX1371 | Cutting Head | 50 mm |
| AX1372 | Cutting Head | 18 mm | AX1372 | Handle for 11 Piece Kit | |
| AX1373 | Cutting Head | 20 mm | AX1373 | Handle for 16 Piece Kit | |
| AX1374 | Cutting Head | 22 mm | AX1374 | Handle for 31 Piece Kit | |
| AX1375 | Cutting Head | 24 mm | AX1375 | 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 3/16" to 2". 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 | 3/16" Arch Punch | AX1813 | 1" Arch Punch |
| AX1801 | 1/4" Arch Punch | AX1814 | 1-1/16" Arch Punch |
| AX1802 | 5/16" Arch Punch | AX1815 | 1-1/8" Arch Punch |
| AX1803 | 3/8" Arch Punch | AX1816 | 1-3/16" Arch Punch |
| AX1804 | 7/16" Arch Punch | AX1817 | 1-1/4" Arch Punch |
| AX1805 | 1/2" Arch Punch | AX1818 | 1-5/16" Arch Punch |
| AX1806 | 9/16" Arch Punch | AX1819 | 1-3/8" Arch Punch |
| AX1807 | 5/8" Arch Punch | AX1820 | 1-7/16" Arch Punch |
| AX1808 | 11/16" Arch Punch | AX1821 | 1-1/2" Arch Punch |
| AX1809 | 3/4" Arch Punch | AX1822 | 1-5/8" Arch Punch |
| AX1810 | 13/16" Arch Punch | AX1823 | 1-3/4" Arch Punch |
| AX1811 | 7/8" Arch Punch | AX1824 | 1-7/8" Arch Punch |
| AX1812 | 15/16" Arch Punch | AX1825 | 2" Arch Punch |



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 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 |

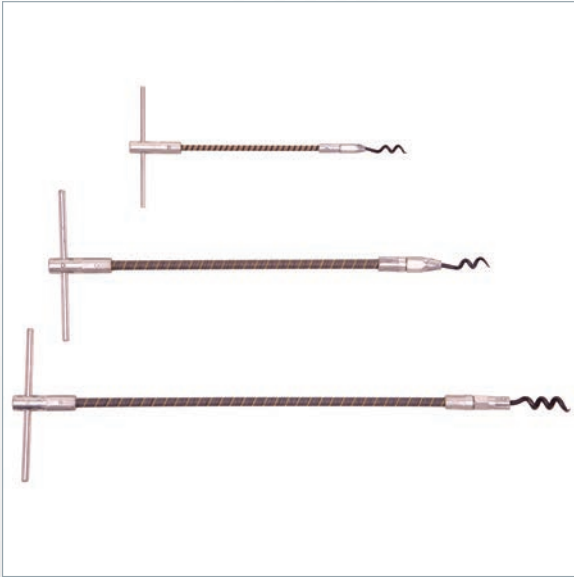
Power Punch Parts

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

| PRODUCT | PART# | DESCRIPTION | AX1860 | AX1861 |
|--|--------|---------------------|--------|--------|
|  | AX1879 | 3/16" Cutting Head | 1 | 1 |
|  | AX1880 | 7/8" Cutting Head | 1 | 1 |
|  | AX1881 | 15/16" Cutting Head | 0 | 1 |
|  | AX1882 | 1" Cutting Head | 0 | 1 |
|  | AX1884 | Centering Pin | 1 | 1 |
|  | AX1885 | Power Punch Handle | 1 | 1 |
|  | AX1883 | 3-1/2" x 7-1/2" Pad | 1 | 1 |
| | AX1883 | 7-1/2" x 7-1/2" Pad | 0 | 0 |







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 12 convenient sizes to meet a wide variety of requirements.



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" | 1/4" 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 | 5/8" | 7/32" | 1/4" and up |
| | AX1221 | No. 2 Packing Hook Replacement Tip | 2 - 1/8" | 15/16" | 11/32" and up |
| | AX1222 | No. 3 Packing Hook Replacement Tip | 2 - 5/16" | 3/8" | 7/16" and up |
|  | AX1225 | No. 10 Rigid Packing Hook | 6 - 1/8" | 1/4" | 1/4" and up |
| | AX1226 | No. 11 Rigid Packing Hook | 10 - 1/8" | 15/16" | 7/16" and up |
| | AX1227 | No. 12 Rigid Packing Hook | 14 - 1/8" | 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 - 3/8" | 11/16" | N/A |
| | AX1230 | No. 15 Rigid Packing Hook | 10 - 1/8" | 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 | 6 - 15/16" | 3/16" | 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 $\frac{3}{4}$ " 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 Allpax 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 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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