

GASKET CUTTER SYSTEMS



Category: Gasket Cutting Systems

Model: Allpax Packing Hooks



**THERMODY™
ALLPAX®
Packing
Hooks**

- ★ The Perfect labor saving tools for removing packing from Stuffing boxes
- ★ Flexible design allows access around obstructions and in hard-to-reach area
- ★ Corkscrew style bits made of specially tempered tool steel for strength and durability
- ★ Available in six convenient sizes in one set to meet your requirement



**THERMODY™
ALLPAX®
Packing
Hooks**

Part no.	Description	Overall length	Bit Diameter	Used for Packing Sizes
100Y007	No. 1 Packing Hook	7-1/2"	7/32"	1/4" to 5/16"
100Y011	No. 2 Packing Hook	11"	5/16"	3/8"
100Y015	No. 3 Packing Hook	15"	3/8"	7/16" to 1/2"
100Y019	No. 4 Packing Hook	19"	1/2"	9/16" to 5/8"
100Y022	No. 5 Packing Hook	22"	5/8"	11/16" to 1"
100Y030	No. 6 Packing Hook	30"	1"	Over 1"



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Model: Allpax Cutters



EXTENSION GASKET CUTTERS



HOLLOW PUNCH TOOLS



PACKING HOOKS

THERMODY™
ALLPAX®
Gasket Cutter Systems

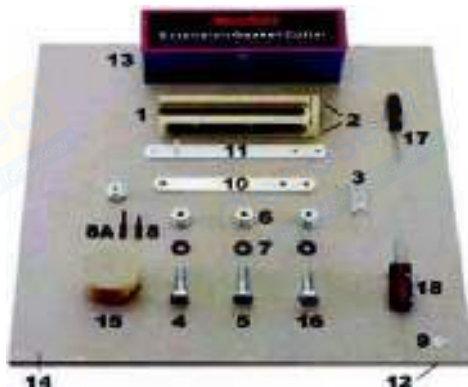
In addition to the original Allpax compass style extension gasket cutter, Allpax also offers hollow punch tools, packing hooks and a complete line of replacement parts.

Allpax tools are perfect for use in:
Power Generation Plants
Petro-Chemical
Food Processing Plants
Pharmaceutical Plants
Automotive Repair Shops
Maintenance Departments



- Hefty brass cutting head slides easily over a variety of gasket materials.
- Modular extension design allows you to quickly adjust your cutting size from 1/4" up to 60" in diameter.
- Special cutting blades are held securely, ensuring consistent and repetitive cuts in material up to 3/4" thick.
- Choose from six convenient kits to accommodate your cutting requirements.

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EXTENSION GASKET CUTTER KITS



Contents
Kit Contents
Adjusting the Cutting Blade
Cutting Gaskets Up To 12" in Diameter
Cutting Gaskets 12" to 24" in Diameter
Cutting Gaskets Over 24" in Diameter
Cutting Small Gaskets or Bolt Holes

Kit Contents
Fig. 1 Cutter Block & Head Assembly
Fig. 2 Cutter Head Screws
Fig. 3 Cutting Blade
Fig. 4 Pivot Post
Fig. 5 Pivot Post for use with extensions
Fig. 6 Knurled Nut
Fig. 6A Knurled Nut for use with extensions
Fig. 7 Fiber Washer
Fig. 8 Short Center Pin
Fig. 8A Long Center Pin
Fig. 9 Center Pin Ferrule
Fig. 10 Extension Bar for 12-24"
Fig. 11 Extension Bar for Over 24"
Fig. 12 Cutting Board
Fig. 13 Metal Box
Fig. 14 Fiber Cutting Pad
Fig. 15 Cutting Knob
Fig. 16 Post with Offset Pin
Fig. 17 Piercing Tool
Fig. 18 Screw Driver

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EXTENSION GASKET CUTTER KITS



Category: Gasket Cutting Systems

Model: Allpax Cutters

EXTENSION GASKET CUTTER KITS

Thermody Allpax Gasket Cutters are available in six convenient kits to meet a broad range of cutting requirements. All kits come packed in durable metal storage box for protection.



GASKET CUTTER KIT NO. 1 Cuts 1/4" I.D. to 12" O.D.
ALLPAX PART NO. 100K12

PARTS INCLUDED: Cutter Block & Head Assembly, Cutter Head Screws (2), Gasket Cutter Blades (6), Pivot Post, Knurled Nuts (2), Fiber Washers (2), 1/2" Short Center Pin, 3/4" Long Center Pin, 18" Cutting Board, Cutting Knob for Small Diameters, Post with Offset Pin, Piercing Tool, Screw Driver.



GASKET CUTTER KIT NO. 2 Cuts 1/4" I.D. to 24" O.D.

ALLPAX PART NO. 100K24

PARTS INCLUDED: Cutter Block & Head Assembly, Cutter Head Screws (2), Gasket Cutter Blades (6), Pivot Post, Pivot Post for Extension Bars, Knurled Nuts (3), Knurled Nuts for Extension Bars, Fiber Washers (3), 1/2" Short Center Pin, 3/4" Long Center Pin, Extension Bar 12" to 24", 18" Cutting Board, Cutting Knob for Small Diameters, Post with Offset Pin, Piercing Tool, Screw Driver.

EXTENSION GASKET CUTTER KITS

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Cuts 1/4" I.D. to 36" O.D. **GASKET CUTTER KIT NO. 3**

ALLPAX PART NO. 100K36

PARTS INCLUDED: Cutter Block & Head Assembly, Cutter Head Screws (2), Gasket Cutter Blades (6), Pivot Post, Pivot Post for extension Bars, Knurled Nuts (3), Knurled Nuts for Extension Bar, Fiber Washers (3), 1/2" Short Center Pin, 3/4" Long Center Pin, Extension Bar 12" to 24", Extension Bar over 24", 18" Cutting Board, Cutting Knob for Small Diameters, Post with Offset Pin, Piercing Tool, Screw Driver.



GASKET CUTTER KIT NO. 4
Cuts 1/4" I.D. to 48" O.D.

ALLPAX PART NO. 100K48

PARTS INCLUDED: Cutter Block & Head Assembly, Cutter Head Screws (2), Gasket Cutter Blades (6), Pivot Post, Pivot Post for extension Bars, Knurled Nuts (3), Knurled Nuts for Extension Bars (2), Fiber Washers (3), 1/2" Short Center Pin, 3/4" Long Center Pin, Extension Bar 12" to 24", Extension Bar over 24" (2), 18" Cutting Board, Cutting Knob for Small Diameters, Post with Offset Pin, Piercing tool, Screw Driver.

EXTENSION GASKET CUTTER KITS

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**GASKET CUTTER
KIT NO. 5**
Cuts 1/4" I.D. to 60" O.D.

ALLPAX PART NO. 100K60

PARTS INCLUDED: Cutter Block & Head Assembly, Cutter Head Screws (2), Gasket Cutter Blades (6), Pivot Post, Pivot Post for Extension Bars, Knurled Nuts (3), Knurled Nuts for Extension Bars (3), Fiber Washers (3), 1/2" Short Center Pin, 3/4" Long Center Pin, Extension Bar over 12" to 24", Extension Bar over 24" (3), 18" Cutting Board, Cutting Knob for Small Diameters, Post with Offset Pin, Piercing Tool, Screw Driver.



GASKET CUTTER KIT NO. 6 Cuts 1/4" I.D. to 12" O.D. ALLPAX PART NO. 100U12
PARTS INCLUDED: Same parts listed in Kit No. 1 but without the cutting board.



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EXTENSION GASKET CUTTERS

Installation Instructions



ADJUSTING THE CUTTING BLADE:

Loosen the two cutter head screws (see Fig. A).

Extend cutting blade beyond cutter block head (see Fig. B).

Tighten the screws firmly.

TIPS: On thicker materials you may want to make several passes, extending the blade on each pass. Always cut the outside diameter first.

EXTENSION GASKET CUTTERS

Installation Instructions



CUTTING GASKETS UP TO 12" IN DIAMETER:

Hold cutter block with scale facing you.

Slip the pivot post through the middle slot in the cutter block (the rounded end should be closest to the blade).

Line up the guide at the top of the pivot post with the size gasket you want to cut (using the large scale) (see Fig. C).

Put washer on back of pivot post and secure with knurled nut.

Locate center for desired cut and make a small pilot hole with piercing tool (Do not make the hole too big or oblong or you will cut a lopsided hole) (see Fig. D).

Put center pin through the small pilot hole.

Position center pin into the center pin ferrule.

EXTENSION GASKET CUTTERS

Installation Instructions



Place the hole in the pivot post over the center pin (see Fig. E). Rotate the block clockwise, keeping pressure on the service until you have completed the cut.

CUTTING GASKETS 12" TO 24" IN DIAMETER:

Place the extension bar (Fig. 10) in the groove on the cutter block. (The end of the extension that has the single large hole should be closest to the blade)

Put the pivot post (Fig. 5) through large hole and cutter block.

Using the large scale, line up the guide on the pivot post with the size cut you want to make. The extension bar adds 12", so if you want to make a 24" cut set the guide to 2", for a 15" cut set the guide to inches and so forth (see Fig. F).



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EXTENSION GASKET CUTTERS

Installation Instructions



Put the washer on back of pivot post and secure with knurled nut (see Fig. G).
Locate center for desired cut and make a small pilot hole with piercing tool. (Do not make the hole too big or oblong or you will cut a lopsided hole)
Put center pin through small pilot hole.



Position center pin into the center pin ferrule.
Place the outside hole of the extension bar over the center pin.
Rotate the block clockwise, keeping pressure on the surface until you have completed the cut.

EXTENSION GASKET CUTTERS

Installation Instructions



CUTTING GASKETS OVER 24" IN DIAMETER:

Place extension bar (Fig. 10) in the groove on the cutter block. (The end of the extension that has the single large hole should be closest to the blade)

Put pivot post (Fig. 5) through large hole and cutter block.

Put washer on back of pivot post and attach knurled nut.

In addition to the extension bar (Fig. 10), use extension bar (Fig. 11). (This extension bar has a flush mounted bolt on one side)

Put the flush mounted bolt through the outer hole on (Fig. 10).

Place knurled nut (Fig. 6A) over flush mounted bolt and tighten. (Both knurled nuts should be facing the same direction or they will get in the way of the cut) (see Fig. I) [Repeat steps 4-6 to use additional extension bars to make cuts over 36"] (see Fig. J)



EXTENSION GASKET CUTTERS

Installation Instructions



Using the large scale, line up the guide on the pivot post with the size cut you want to make. The extension bars add 24", so if you want to make a 26" cut, set the guide to 2", for a 27" cut set the guide to 3" and so forth. Secure with knurled nut.

See steps 5-10 under "Cutting gaskets 12" - 24" in Diameter" to complete the cut (see Fig. K).



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EXTENSION GASKET CUTTERS

Installation Instructions



CUTTING SMALL GASKETS OR BOLT HOLES:

Put post with offset pin (Fig. 16) through cutter block (the pin should be closest to the blade).
Using small scale on cutter block, line up the guide on the post with the size cut you want to make.
Put washer on back of pivot post and secure with knurled nut.



Locate center of bolt hole and make a small pilot hole using the pin on the post.
Press the pin into the center of the cutting knob (see Fig. L).

Rotate the cutting knob to make the cut (see Fig. M).

HOLLOW PUNCH TOOLS



- Unique patented locking system allows for quick and easy interchange of cutting heads.
- Dual cutting heads allow for cutting inner and outer dimensions at the same time. Cutting heads may also be used precision cuts as shown on the right.



Now you can cut perfect washers and sealing rings, time after time, after time

HOLLOW PUNCH TOOLS



PERFECT FOR USE IN:
Power Generation Plants
Petro-Chemical Plants
Pulp and Paper Plants
Food Processing Plants
Pharmaceutical Plants
Maintenance Department
Institutional Power Plant
Hospitals and Universities



Now you can cut perfect washers and sealing rings, time after time, after time



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HOLLOW PUNCH KITS & TOOLS

These Allpax precision made tools are available in kits as well as individual tools. The kits come in durable, handy polypropylene molded storage cases for protection and convenience.



11 PIECE HOLLOW PUNCH TOOL KIT

ALLPAX PART NO. 100K11

10 PUNCH SIZES:

1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"

CASE DIMENSIONS: 5 - 1/2" x 5" x 1 - 1/2"

WEIGHT: 1.3 lbs.

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HOLLOW PUNCH KITS & TOOLS

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16 PIECE HOLLOW PUNCH TOOL KIT

ALLPAX PART NO. 100K16

15 PUNCH SIZES: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16",

5/8", 3/4", 7/8", 1", 1 - 1/16", 1 - 1/8", 1 - 3/16"

CASE DIMENSIONS: 8 - 3/4" x 6 - 1/4" x 1 - 1/2"

WEIGHT: 2.5 lbs.

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HOLLOW PUNCH KITS & TOOLS

These Allpax precision made tools are available in kits as well as individual tools. The kits come in durable, handy polypropylene molded storage cases for protection and convenience.



27 PIECE HOLLOW PUNCH TOOL KIT

ALLPAX PART NO. 100K27

25 PUNCH SIZES: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16",

5/8", 3/4", 7/8", 1", 1 - 1/16", 1 - 1/8", 1 - 3/16", 1 - 1/4", 1 - 5/16",

1 - 3/8", 1 - 7/16", 1 - 1/2", 1 - 5/8", 1 - 11/16", 1 - 3/4", 1 - 7/8", 2"

CASE DIMENSIONS: 12 - 1/2" x 9 - 3/4" x 2"

WEIGHT: 6.1 lbs.

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