

ALLPAX[®]
GASKET CUTTER SYSTEMS

Guide to Perfect Gaskets

COMPACT GASKET CUTTER
CUT GASKETS UP TO 6" (152 mm) DIAMETER



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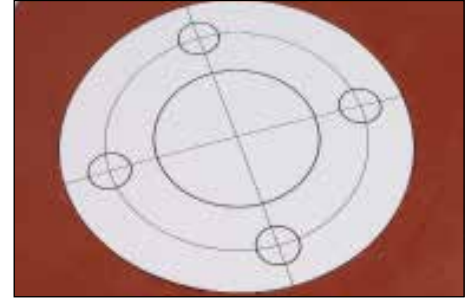
CUT GASKETS UP TO 6" (152 mm) DIAMETER



1. If existing gasket is available, use a pencil to trace outline onto gasket material.



2. Otherwise, lay out outer diameter (OD), inner diameter (ID) and pitch circle diameter (PCD) directly onto gasket material. To determine bolt hole locations see **LAYING OUT GASKETS WITH BOLT HOLES**.



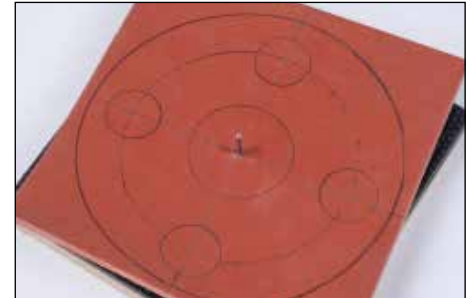
3. Another way to determine bolt hole locations is using a paper template with OD, ID and PCD. Transfer the bolt hole location center pins with piercing tool or pencil tip.



4. Choose center pin approximately 1/2" (12 mm) longer than thickness of gasket material. Insert center pin into silver hole at end of cutting block.



5. Using cutter block as a handle, pierce center of gasket material with center pin. Disengage cutter block leaving center pin protruding through gasket material.



6. Insert protruding center pin into recessed ferrule located in the center of cutting board. Lay gasket material flat on cutting board.



7. Loosen cutting blade thumb screw on cutter block. Position cutting blade to protrude slightly beyond thickness of gasket material. Tighten thumb screw.



8. Loosen top thumb screw. Slide pivot post indicator to desired OD on cutter block scale. Tighten top thumb screw.



9. Position pivot post hole over center pin. Ensure cutter block is lying flat on gasket material.

CUT GASKETS UP TO 6" (152 mm) DIAMETER (continued)



10. With slight downward pressure on cutting block, rotate cutter block clockwise to cut. Simultaneously press down on gasket material to prevent rotation.



11. For thick or hard to cut materials, make several shallow passes to complete through cut. Alternatively, cut halfway through material, turn over, and complete cut.



12. Punch out bolt holes using hole punch.



13. Loosen top thumb screw. Slide pivot post to desired ID. Tighten top thumb screw. Repeat cutting steps.

CUT STRAIGHT STRIPS



1. Completely unthread top thumb screw. Remove pivot post washer and indicator. Remove pivot post from cutter block.



2. Slide pivot post washer onto pivot post. Reinsert pivot post with washer into bottom of cutter block. Be sure flat side of pivot post block faces cutting blade. Replace indicator. Rethread top thumb screw.



3. To cut a desired width, set indicator to double the width plus $3/16$ " (5 mm). For example, to cut 1" (25 mm) width, set indicator to $2-3/16$ " (55 mm).




4. Loosen cutting blade thumb screw on cutter block. Position cutting blade to protrude slightly beyond thickness of gasket material. Tighten thumb screw.



5. Place gasket material on cutting board. Align edge of gasket material with cutting board. Press down on gasket material. With slight downward pressure, run cutting block along edge of cutting board using flat side of pivot post block as a guide. For thicker gasket materials, use edge of gasket material itself as a guide.

COMPACT GASKET CUTTER PARTS

2000 SERIES

PARTS*					
PRODUCT	PART #	DESCRIPTION	AX2000	AX2010	REPLACEMENT PART
	AX2500	Pointed Blades	1	1	6
	AX2501	Curved Blades	1	1	6
	AX2502	Lathe-type Blades	1	1	6
	AX2503	Rounded Tip Blades	1	1	6
	AX2510	9/16" Short Center Pins	1	1	6
	AX2511	1-3/16" Medium Center Pins	1	1	6
	AX2512	1-5/16" Long Center Pins	1	1	6
	AX2520	6" x 6" Cutting Board: Center Pin Ferrule installed	0	1	1
	AX2530	Pivot Post Assembly	1	1	1

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