

ALLPAX[®]
GASKET CUTTER SYSTEMS

Guide to Perfect Gaskets

HEAVY DUTY GASKET CUTTER
CUT GASKETS UP TO 61" (1550 mm) DIAMETER

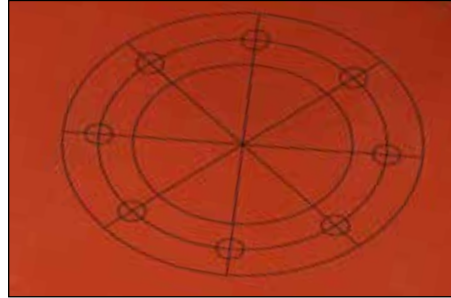


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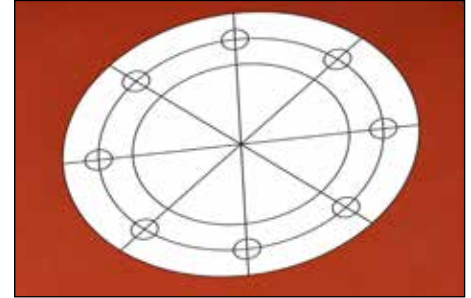
CUT GASKETS UP TO 13" (330 mm) DIAMETER



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



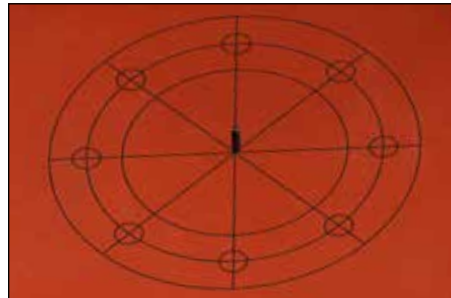
2. Otherwise, lay out outer diameter (OD), inner diameter (ID) and pitch circle diameter (PCD) directly onto gasket material. To determine bolt hole locations see **LAYING OUT GASKETS WITH BOLT HOLES**.



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 center pin handle. Pierce center of gasket material. Disengage center pin handle.



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



6. Insert thick-headed pivot post without offset pin through cutter block. Slide washer onto pivot post. Thread knurled nut loosely onto pivot post.



7. Slide pivot post indicator to desired OD on cutter block scale 0 - 13" (330 mm). Tighten knurled nut.



8. Loosen Allen screws on cutter block. Slide cutting blade into position. Position cutting blade to protrude slightly beyond thickness of gasket material. Tighten Allen screws.



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

CUT GASKETS UP TO 13" (330 mm) DIAMETER (continued)



10. With slight downward pressure on cutting block, rotate cutter block clockwise to make 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.



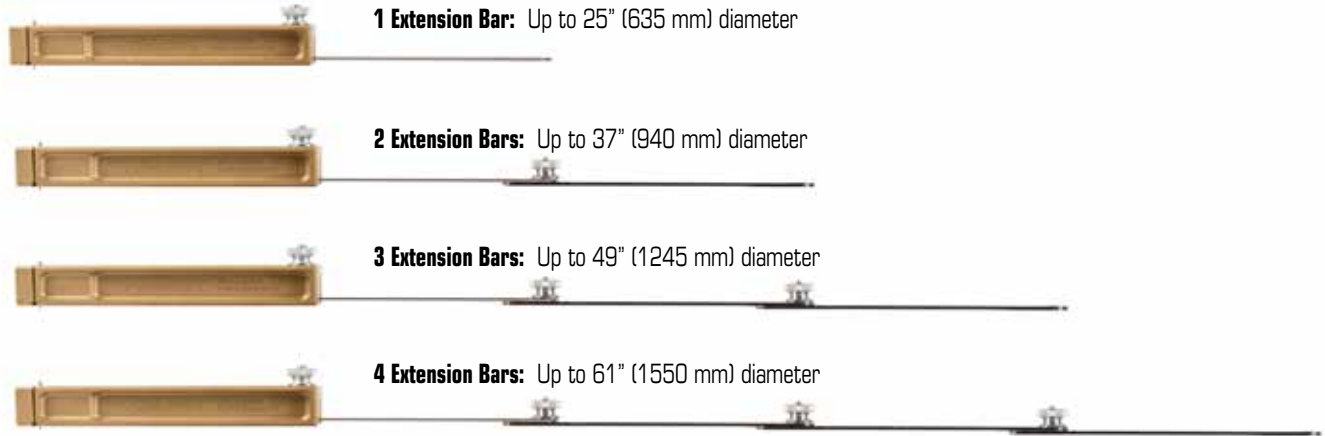
12. Punch out bolt holes using hole punch.



13. Loosen knurled nut. Slide pivot post indicator to desired ID. Tighten knurled nut. Repeat cutting steps.

CUT GASKETS UP TO 61" (1550 mm) DIAMETER

1. Heavy duty gasket cutters accommodate multiple extension bars to increase effective cutting diameter:



2. Locate extension bar without threaded post and stud. Orient extension bar with single hole nearest cutting blade. Slide extension bar into groove on bottom of cutter block.



3. Insert thin-headed pivot post through single hole on extension bar and through cutter block. Slide washer onto pivot post. Thread knurled nut onto pivot post.



4. Gasket cutter can now cut up to 25" (635 mm) diameter. For example, to cut 16" (406 mm) OD gasket position pivot post indicator at 4" mark on large scale located on bottom of cutter block ($12" + 4" = 16"$).



5. To cut gaskets over 25" (635 mm) diameter, add additional extension bar(s). Locate extension bar with threaded post and stud at one end. Insert threaded post and stud through dual holes at free end of installed extension bar. Secure with knurled nut.



6. Position pivot hole at tip of extension bar over center pin in gasket material. Use the center pin handle to hold the center pin in place. With the other hand, grip the cutter block, ensuring cutter block is lying flat on gasket material.



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