

## Features

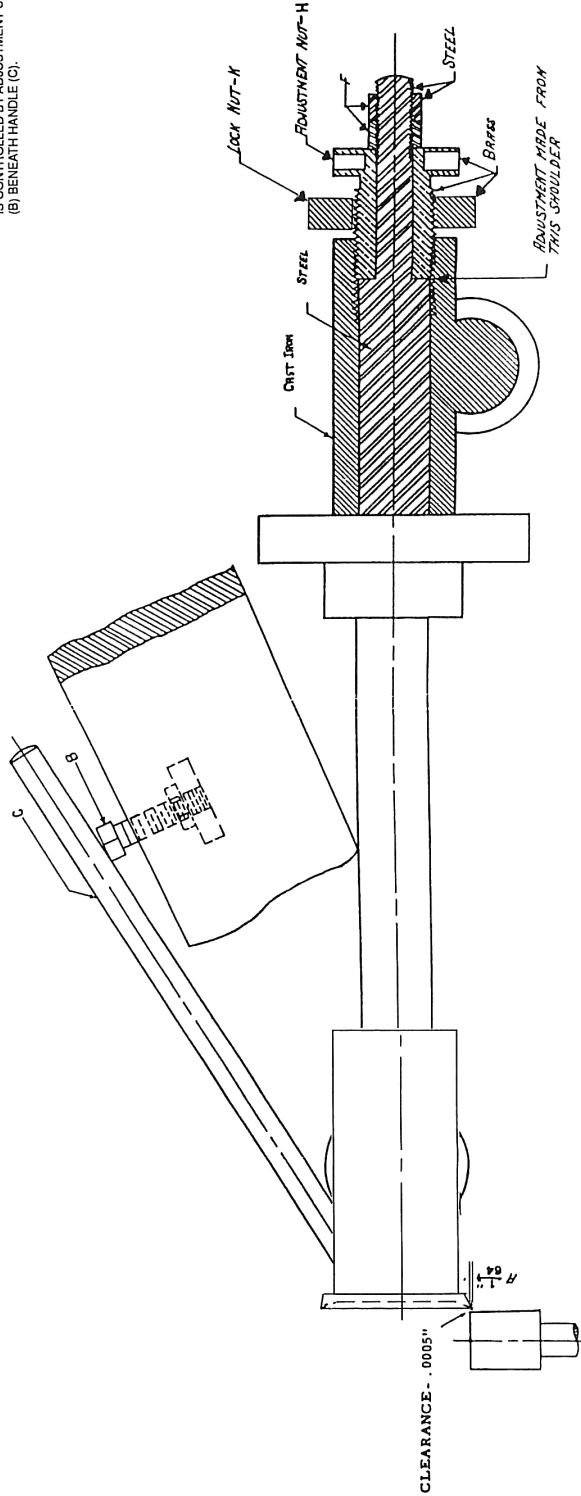
- A heavy duty gasket cutter designed for cutting metallic gaskets, hard fibre and thick Teflon
- Can also cut gaskets from rubber, cork, asbestos and wire insert packing
- The SM4 will cut gaskets from 3.000" to 28.000" O.D.
- Extra Centre Bars can be purchased to cut gaskets 28.000" to 54.000" and 54.000" to 80.000"

Material	Max. Cutting Thickness
Soft steel, Zinc, Brass, Tin, Galvanized Iron	0.400"
Stainless Steel, Monel Metal	0.300"
Copper	0.0625"
Lead and Fibre	0.125"
Asbestos	0.125"
Rubber	0.125"
Cork	0.250"
Teflon	0.125"



**TO REGULATE CUTTER:**

- 1 - RELEASE LOCK NUT (K).
- 2 - TURN ADJUSTMENT NUT (H) CLOCKWISE TO MOVE CUTTER CLOSER TO ANVIL.
- 3 - TURN ADJUSTMENT NUT (H) COUNTER CLOCKWISE TO MOVE CUTTER AWAY FROM ANVIL.
- 4 - LOCK ADJUSTMENT NUT (H) WITH LOCK NUT (K).
- 5 - CUTTER DEPTH ADJUSTMENT (A) IS CONTROLLED BY ADJUSTMENT SCREW (B) BENEATH HANDLE (C).



## Directions On Use of Model SM4

- Model SM4 Gasket Cutting Machine will cut metallic gaskets and by removing the Top Cutter and attaching a bevelled cutter (Part #15B) it will cut any of the conventional types of packing, like asbestos and rubber. Then enclosed sketch of the machine shows how to set the cutters so they perform well. In no case should the top cutter actually touch the bottom cutter. Part #15B Top Cutting Disk and a Spanner wrench is provided with the machine.
- A hold has to be made in any type of packing that you use so that the material can be placed on the spindle. It is very important that you make the hole the size that will make a snug fit on the spindle. Make sure the Knurled Nut is screwed down hard on the packing so the packing does not slip.
- In the case of cutting metallic gaskets be sure to put oil on the metal where the shearing action will take place. Also put some oil on the Top Cutter. Do not try to shear through the metal on one turn but rotate the material as you gradually bring down the top cutter. Make sure the handle on the cam is finally pulled down as far as it will go and the top cutter will shear through the metal.
- For asbestos, rubber, cork, etc., use Part #15B Top Cutting Disc. Set this disc as shown on the small card that is enclosed. This setting is accomplished by using the "Pins" and loosening the lock (nut) on the Thrust Bearing and then carefully turning the Brass Thrust Bearing until the Top Cutting Disc is very close to the bottom cutter, as the sketch shows.
- On any heavy material do not try to cut it through on one turn but do it gradually by gradually lowering the Top Cutter.

*Note: The thread on the Spindle of the Model SM4 Gasket Cutting Machine was changed to "Left Hand Thread" so that the Knurled Nut holding down the packing or metal that has to be cut would remain tight. When cutting metal, the Knurled Nut (right hand thread) loosened as the metal was being cut With the Left Hand Thread the Knurled Nut actually tightens on the material as it is being cut and holds the material firm. We suggest that you order several Left Hand Threaded Knurled Nuts to keep on hand as spares.*

