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Proper Fit on a Roll Away Clutch

When fitting a roll away clutch there always seems to be some confusion as to exactly what the proper amount of pressure on the rolls should be.

The first and most important step is to be sure that all of the components you are about to assemble are in prime condition.

If you are using the 5080-131 clutch body or the new 5080-131-3 clutch body with hardened inserts, be sure the bushing is not being pushed out. In the event that it is, you should change the taper cone bearings on the 5080-139-2 rear worm drive shaft (short).

First install 5080-131-6 roller cage over the clutch body, then install the rolls. Take a pencil and put a mark at the center of one of the rolls (approximately 1/2-inch long) straight out toward the teeth on the gear.

Install the 5080-130 roll clutch sleeve about 3/4 of the way down the roll. The pencil mark at that point should be very close to the right side of the roll.

Last, be sure there is .004 to .006 gap between the sleeve and the body.

With proper lubrication the clutch should last a very long time.

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MACHINE, INC. A Brinkman International
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167 Ames Street, Rochester, NY 14611
PHONE - 1-800-423-9822



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