



## Clutch Eliminator

**Part No.**  
**GM-WA-45**

**Note:** Standard quantity: 10/bag

### GM 298mm LU to 350/400 NLU



#### Machining Instructions

1. The lips of the GM 298mm cover where the impeller overlaps the cover needs to be shortened. The OE cover measures a little more than 1.500" from the cover to the top of the lip. This measurement needs to be about 1.160" for the conversion.
2. Before removing the cover from the lathe, you may want to remove a small amount of metal from the O.D. of the cover to ensure that the impeller overlaps the cover without interference.
3. Polish the thrust surface of the cover where the clutch eliminator will ride to 20Ra or finer surface finish. This will increase the life of the clutch eliminator.
4. Check the overall height and internal clearance to determine the proper thickness. The NLU converters are about .225" taller than the LU converters in their stock form, and this dimension increases when the clutch is eliminated, so a taller impeller hub is needed. Sonnax **GM-90-3G** butt-style replacement hub can be used if you leave .075" material on the impeller. **GM-90-300G** can also be used if you cut it down to 2.725" overall height.
5. The height of the Sonnax **GM-WA-45** may require facing off to shorter lengths for unmodified factory cores where the mounting pads and thrust surfaces have not been reduced.