

## RING GEAR CLEARANCE & HOUSING TEMPLATE



The Ring Gear Clearance Gauge is available to check the 9", 9-1/2" and 10" gear sets for clearance required for M-W 9" cases. Designed to eliminate the trial and error

The Housing Clearance Template will show the profile to clear 9-1/2" and 10" ring and pinions plus the 4.00" bore thirdmember clearance requirements. It also has a center slot for measuring pinion center to housing end, when narrowing or building a housing.

57486 Ring Gear Clearance Gauge .....14.00

57459 Housing Clearance Template .....15.00

## GEAR IMPROVEMENTS

### SUPRA-FIN SURFACE IMPROVEMENT

MW offers **Supra-Fin** surface finish improvement for ring and pinion sets. This fine micro finishing process reduces friction and eliminates the need for break-in procedures required to assure a long gear life. We exclusively protect the mounting and bearing surfaces so this process will not alter the installation fit.

SUPRA-FIN .....125.00

**Shot Peening** surface improvement decreases the likelihood of cracks forming on the gear. Nearly all fatigue cracks begin at the surface of the part. By overlapping the dimples of the media, Shot-Peening creates a compression zone at the surface of the part. This layer acts as a barrier to crack propagation. The peening process provides a considerable increase in part life.



### SHOT PEENING

PEEN-02 Shot Peen Gear Set .....95.00

### SUB ZERO TREATMENT

In addition to other gear improvement processes offered by Mark Williams, our **Sub Zero Treatment** process enhances gear wear characteristics. Cold treating a ring and pinion improves the metal crystal structure, decreasing the amount of retained austenite. This process can increase the gear life.

SUBZ Sub Zero Treatment .....50.00



MW offers a special **Ring Gear Lightening** service for 9" Ford, 12 bolt GM (4:88 to 6:20 ratio) and Dana 60 gears. This process is performed on a CNC lathe with special tooling to produce a generous radius and smooth finish. The result is a weight reduction of between 1/2 and 3-1/2 lbs. Some gears are factory lightened but we can remove additional weight in most cases.

### RING GEAR LIGHTENING

LRG Lighten ring gear. (with gear purchase) .....105.00

## TORCO GEAR OIL



Torco GL-6 Racing Gear oil has proven to be ideal for drag racing and oval track applications. SAE 85W-140 can be used when running a spool, posi-traction or open differentials. It provides superior adhesive strength and extreme anti-score protection. In addition, the Torco gear oil available from MW is specially blended to include the friction modifying additives required for most clutch type posi-traction units. Available by the quart or 12 quart case. **Look for the MW logo on the label.**

55-0030 Torco SAE 85-140 Gear Oil (1 qt) .....14.50

55-0040 Torco SAE 85-140 Gear Oil(12 qts) .....165.00

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