

## TECH BULLETIN

## Steel Distributor Gears for use with Cast or Billet Cams



Crane Cams now offers a new generation of precision machined, specially coated and processed steel distributor gears for popular Chevy and Ford engines using either cast flat faced lifter or steel roller camshafts.

Since roller lifter cams are made from either induction hardened steel or carburized steel, neither of these materials are compatible with the normal stock distributor gears. In the past, "bronze" distributor gears were used. For street applications these gears can wear at a high rate and may have to be replaced on a regular basis.

By using modern heat treating and manufacturing processes, Crane Cams has developed a series of steel distributor gears that are compatible with standard cast cams and induction hardened and carburized steel roller cams. Crane Cams now makes it possible to use a steel distributor gear that provides OEM-style life-span, eliminating the need to frequently replace bronze alloy gears. These Crane steel gears are available for most Chevrolet and Ford engines for both stock and aftermarket distributors.

The use of these gears on camshafts that have been previously run with other types or materials of gears, or the unnecessary use of high volume/high pressure oil pumps, can be severely detrimental to the life of the camshaft gear.

Chevrolet 90° V-6 (1978–86) 200–262 c.i.d.  For .491" shaft diameter	
Chevrolet V-8 (1955–87) 262–400 c.i.d.  For .491" shaft diameter	
Chevrolet V-8 (1965–90) 396–501 c.i.d.         For .491" shaft diameter	
Ford V-8 (1962–95) 221–302 c.i.d. (inc. Boss 302)         For .467" shaft diameter       36970-1         For .500" shaft diameter       36971-1         For .531" shaft diameter       44970-1	
Ford V-8 (1982–95) 302 H.O. (5.0L)         For .467" shaft diameter       36970-1         For .500" shaft diameter       36971-1         For .531" shaft diameter       44970-1	
Ford V-8 (1969–2000) 351W and 351 SV0         For .467" shaft diameter	
Ford V-8 (1970–82) Boss 351–351C–351M–400 c.i.d.  For .500" shaft diameter	
Ford V-8 (1958–76) 331–428 c.i.d. FE         For .467" shaft diameter       34970-1         For .500" shaft diameter       52970-1         For .531" shaft diameter       52971-1	
Ford V-8 (1968–97) 370-429-460 c.i.d.         For .500" shaft diameter	
Holden V-8 (1969–99) 253–308-350 c.i.d.  Oil Pump Gear88950-1	