

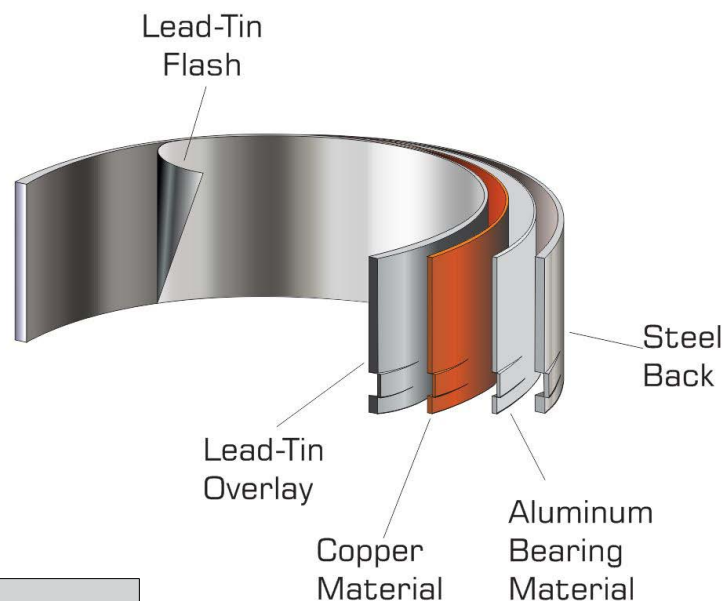


# CTP Engine Bearings Copper Bonded Tri-metal Bearings

CTP copper bonded bearings are more resistant to scuffing than nickel bonded bearings. Because **copper reduces contact friction** by 50% over nickel, copper bonding agent is superior to nickel type bonding agents used in other bearings. These bearing composites are **engineered for durability**, conformability and embedded ability, while providing **high strength** and **high wear resistance**. Field experience has proven that copper bonded bearings in engines with correct maintenance do not normally require replacement. Copper bonded bearings will **reduce downtime** and **operating cost**.

## Features:

- ✓ **Improved fatigue strength** due to the strong intermediate layer and hardening effect of copper in the relatively thin overlay.
- ✓ **Excellent seizure resistance** provided by the lead based overlay. Seizure resistance drops sharply when the overlay is removed in direct metal-to-metal contact.
- ✓ **Excellent conformability** for small misalignments.



Part No.	Engine Model
3285572	3304, 3306
3285573	3406/C/E
3285574	3412

TECHNICAL SPECIFICATIONS	
COPPER-LEAD ALLOY THICKNESS LIMITS	NOMINAL THICKNESS .43+ <sub>-</sub> 0.18
COPPER LEAD BEARING ALLOY HARDNESS	ROCKWELL 15T 75 MIN
BOND SHEAR STRENGTH	135 MPA MIN
STEEL BACKING MECHANICAL PROPERTIES	RKW B 70 MIN, YIELD POINT
OVERLAY THICKNESS, EXCLUSIVE OF ANY BOND LAYER	.010 -.03 MM
275 MPMIN	

\* Other part no. not included in the list are available. Please contact your sales representative if you have any questions. Part Numbers are used for reference purposes only