

CENTURY GOLD SERIES BEARING DESIGNS

Century's Replaceable High Load / High Energy Bearing Design comes in both Tungsten Carbide Inserts (TCI) and Milled Tooth configurations. Three different cone sizes are available in our Gold Series, 17", 22" and 26" with three different cutting structures incorporating TCI Conical and Chisel profiles as well as Milled Tooth.

Century Bearing Advantages

- **HSN O-Ring Seals** – For the high energy required, Century has designed and utilizes the largest seal in the industry. HSN Material utilized for wear, heat compression and chemical resistance properties.
- **Premium Crowned Roller Bearings** – Gives the bearing the capability to withstand the extreme high loads.
- **Premium Silver-Plated Floating Thrust Bearing** – Allows for reduced frictional heat build-up to ensure lower operational temperatures under high-energy operations. This design facilitates the longer bit life Century's reputation has been built around.
- **Gage Row Protection** – Double the number of carbide inserts that actively cut the gage diameter and assist in maintaining tight tolerances and extending in-gage bit life.
- **Shirttail/Leg Protection** – Hard Facing along with carbide inserts blanket the shirttail and leg providing superior wear resistance.

Century Cone Profiles



C38 Conical



C27 Chisel



Milled Tooth



Century Arm & Cone Assemblies



17" C38 Conical



22" C27 Chisel



26" C27 Conical



22" Milled Tooth