



# Smith-Trax®

INCH & METRIC SIZES

## Introduction

**SMITH-TRAX®** were designed for applications with a combination of both radial and axial loads. The **SMITH-TRAX®** Bearings use tapered roller bearings or deep groove ball bearings to handle this combination of radial and thrust loads. This bearing system is considerably more effective at supporting axial loads than needle rollers found in standard cam followers.

Special seals are used in **SMITH-TRAX®** Bearings so they can be used in contaminated environments. A metal expansion plug closes off the back end of the bearing to allow for a large lubrication reservoir.

**SMITH-TRAX®** Bearings are available in Inch and Metric sizes in Stud or Yoke Type versions. There are 4 different configurations available to meet a wide range of applications available:

**Plain O.D.** Handle thrust or radial loads. Load can ride against O.D. or face of bearing.

**Flanged O.D.** Designed for side guiding, where the intended load can ride up against the flange.

**V-Groove** Designed for operation on V-shaped tracks. V-shaped tracks will not allow contaminants to build up as easily as they would on a flat and level track.

**U-Groove** Are commonly used for wire guiding applications and are custom made to order.