

# FER-MET®



WRAPPED STEEL BEARING, INNER AND OUTER TENSION BUSHING,  
HEAVY-MAINTENANCE



# FER-MET®

**Wrapped steel bearing • Inner and outer tension bushing • DIN 1498 / 1499**

<b>PROPERTIES</b>	Extremely high load capacity, very wear-resistant, also suitable for heavy operational demands with impact load.
<b>MATERIALS</b>	Spring steel 55Si7, alternatively C67 or similar.
<b>GEOMETRY</b> Form E Form F Form G Form P Form S	Without bevel at inner diameter With bevel at inner diameter Straight slot Arrowheaded slot Slant slot
<b>TOLERANCE DETAILS</b> Housing - Ø Bushing-Inner - Ø after mounting Shaft tolerance	H8 According to DIN 1498/1499 Specified by the customer.
<b>SHAFT MATERIAL</b>	Hardened steel (C45 recommended) Hardness 48 +- HRC
<b>MOUNTING ADVICE</b> Housing Shaft Force fitting mandrel	Mounting bevel, min. 1,5 mm x 15-45° Mounting bevel, 5 mm x 15°, edges rounded The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting.
<b>MAINTENANCE</b>	Sufficient lubrication is necessary.

**We produce all special designs at short notice!**

**FMZ Cylindrical bushing**

**FER-MET® is available only as cylindrical bushing! All special designs are available at short notice! Additional lubrication slots or lubrication drills on demand!**

