

Split pillow block bearing housings mentioned in the catalog are cast and produced in accordance with the ISO/R113 - 1994 standard. (B.S. 1642: 1969 standard, JIS B 1551 - 1968 standard) ; Adapter/Withdrawal Sleeves & Nut is according to ISO2982-1:1995 and ISO 2982-2:1995. The following tables show the standardization of materials and relative machining tolerance covering the housings and its accessories.

**1. Materials:**

**A. Housing**

Material	ISO Code	U.S. Code	Tensile Strength kgf/mm <sup>2</sup>	Yield Strength kgf/mm <sup>2</sup>	Elongation
<b>CAST IRON</b>	GRADE 200 (FC200)	ASTM A48 GRADE 30	20	-	-
<b>DUCTILE IRON (S.G.)</b>	GRADE 450-10 (FCD 450)	ASTM A536 GRADE 65-45-12	45	30	10%
<b>CAST STEEL</b>	GRADE 230-450 (SC 450)	ASTM A27 GRADE 65-35	46	23	19%

- Stainless steel material is also available.

**B. Accessories:**

Name	Part No.	Materials
<b>Felt Strip</b>	FS	80% Wool, 20% Rayon, Density 0.25g/cm <sup>3</sup>
<b>Locating Ring</b>	SR	Aluminum
<b>Hexagon Bolt</b>	M	Mild Steel AISI 1010 (SS41)/Grade 8.8
<b>ZF Seal</b>	ZF	NBR
<b>TC Seal</b>	OSM	NBR
<b>U-LOK Seal</b>	U-500	NBR
<b>TSNG Seal</b>	TSNG500	NBR
<b>V-RING Seal</b>	TSNA500	NBR & Mild Steel Plate
<b>Labyrinth Seal</b>	TS/LER	Cast Iron/Aluminum
<b>Taconite Seals</b>	TAC/TER/TACK	Cast Iron
<b>End Cover</b>	500A/500NA	NBR & Mild Steel Plate
<b>End Plate</b>	P	Mild Steel Plate
<b>End Cover</b>	TSA	Cast Iron
<b>End Plug</b>	EPR	NBR & Mild Steel Plate
<b>Eye-Bolt</b>	W/M	Mild Steel AISI 1010
<b>Adapter/Withdrawal Sleeves</b>	H,AH,SNW,SNP	AISI 1020

Declaration: Weights listed in this catalog are subject to change without notice.