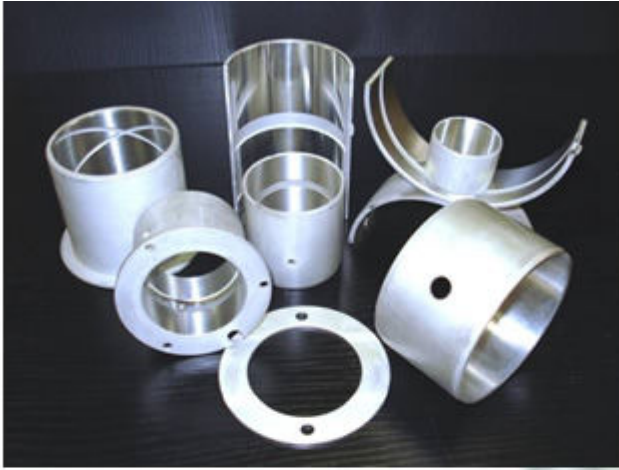




# Bearing, Bushing, Thrust washer, Slide guide White metal range



Description	
Production of bearing, bushing, thrust washer, slide guide in white metal	
Dimensions	Industrial applications
External diameter : from 16 to 300 mm Thickness : $\leq 5$ mm Thickness tolerance : $\pm 0,005$ mm maxi Length maxi : 2 x outer diameter	<ul style="list-style-type: none"> <li>. spark ignition and diesel engines</li> <li>. compressors</li> <li>. piston pumps</li> <li>. systems with crank connecting rod movement with or without heavy load</li> <li>. rotating machines of every kind</li> </ul>

## Properties

Antifriction	Cast by centrifugation	Cast by centrifugation	Cast by centrifugation
Backing	F12 Steel	F12 Steel	F12 Steel
Type of coating	111	112	113 (Star diesel L)
Coating composition	Sn90 Sb6.5 Cu3.5	Sn88 Sb7.5 Cu3.5	Sn83 Sb11 Cu6
Load	300 daN/cm <sup>2</sup>	272 daN/cm <sup>2</sup>	243 daN/cm <sup>2</sup>
Hardness HB	12 à 25	14.1 à 27.2	14.5 à 35
Advisable shaft roughnesse (Ra)	0,4	0,4	0,4
Use	Rotating machines at high speed and high loads: big end of connecting rod, thin bearings, fast cars engines, fast diesels, reducers of turbines, etc...	Marine diesel engines; equipments of railway traction, electric motors, turbines, reducers, alternating machines at high speed, when the loads and the pressures are high.	Diesel engines, electric motors, when the intended thickness of metal is higher than 6/10 mm.

## Options

Sn coating anti-atrition storage  
 Availability of groove, oil bath  
 Availability of hole, flange  
 Availability of locating notch

## Norms

NF A 56-101  
 SNCF AE1 (code 113)  
 ISO 4381 (code 111 & 112)



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