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#### **Datasheet TE93**



TE93 type lead-free bimetallic bearing, with low carbon steel as base material, which is sintered with CuSn6.5P0.1 alloy layer. It has excellent wear, load and sliding performance. In many operating conditions, bimetal bushings can replaced the lead or bronze bushings.

### **Application**

#### **Material**

Lead free steel with a sintered alloy.

#### **Availablity**

	Value	Unit
Inside diameter	on request	
Outside diameter	on request	
Flange diameter	on request	
Flange height	on request	
Total length	on request	



The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.



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# **TE93 - Specifications**

### **Physical properties**

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# **Mechanical properties**

	Test standard	Value	Unit
Compressive strength static		on request	
Module of elasticity - Youngs modulus		on request	
Tensile strength		on request	
Shear strength		on request	
Impact strength		on request	
Hardness		70~100	Rockwell HB
Dynamic load capacity		65	MPa

# Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		200	°C
Intermittent working temperature		on request	

### **Friction properties**

	Test standard	Value	Unit
Coefficient of friction dynamic		on request	
Max. sliding speed		on request	
Max. Pv-load dry		on request	
Max. Pv-load oil lubricated		on request	
Max. Pv-load on regular greased		on request	

# **Electrical properties**

Test standard	Value	Unit
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