

## 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.

## Availability

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



## TE93 - Specifications

### Physical properties

	Test standard	Value	Unit
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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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