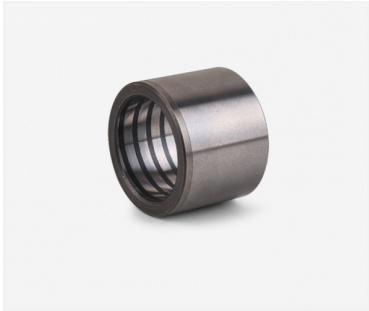


Datasheet TEJDB04



TEJDB04 is made of casting iron HT250 and embedded with solid lubricant. It is a typical cost-saving product. It can substitute TEJDB02 if the pressure is under 145N/mm² or the requirement in mechanical performance is not high including guidepost of mold, mold-frame of plastic injection machine etc.

Application

Material

Cast iron with solid lubricant.

Availability

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

TEJDB04 - 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		180-230	Rockwell HB
Dynamic load capacity		60	MPa

Thermal properties

	Test standard	Value	Unit
Min. working temperature		on request	
Max. working temperature		400	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0,04-0,18	[-]
Max. sliding speed		0,5	m/s
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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