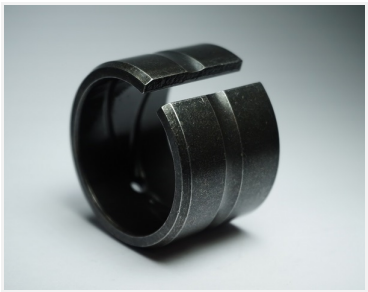
ASEC Products
Marketing 17
6921 RE Duiven
The Netherlands
T. +31 316 84 44 01
info@asecproducts.com
www.asecproducts.com

Datasheet TEHT



TEHT is a wrapped steel bearing based on a spring plate, treated by quenching and rubbing technique. It is designed to replace the standard bearing steel bushings. It has a medium hardness, high capability of press load, and good resistance to wear. When pressed into the housing, the bushing will be fixed by its elasticity. It is a maintenance-free dry sliding bearing according to DIN 1498/1499. The TEHT bearing has good sliding and wear behavior and can operate under extreme load with medium velocity. High impact loads are possible. The bearing is a very economical solution for many applications. The TEHT bearing has to be lubricated with sufficient lubricant. TEHT spring steel bearing, made of high-grade spring steel, is a wrapped bushing with the treatment of the whole body quenched and the inner surface grinded. The bushing can replace regular bearing steel bushings. It has the advantages of mid hardness, high load enduring, good anti-wear performance. With good elastic, the shaft can be protected from damages of harmful stresses or load. The product can be used in many pans of large-scale construction machinery such as the rocker-arm, grab bucket, etc.

Application

The product can be used in many pans of large-scale construction machinery such as the rocker-arm, grab bucket, etc.

Material

Spring steel manganese 65Mn.

Availablity

	Value	Unit
Tube inside diameter	on request	
Tube outside diameter	on request	
Length standard	500	mm
Sheet thickness	on request	
Sheet size	on request	
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.
ASEC Products 2022 ©.



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.
ASEC Products 2022 ©.

ASEC Products
Marketing 17
6921 RE Duiven
The Netherlands
T. +31 316 84 44 01
info@asecproducts.com
www.asecproducts.com

TEHT - Specifications

Physical properties

	Test standard	Value	Unit

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		42-48	Rockwell HRC
Dynamic load capacity		100	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		0,1	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

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.
ASEC Products 2022 ©.