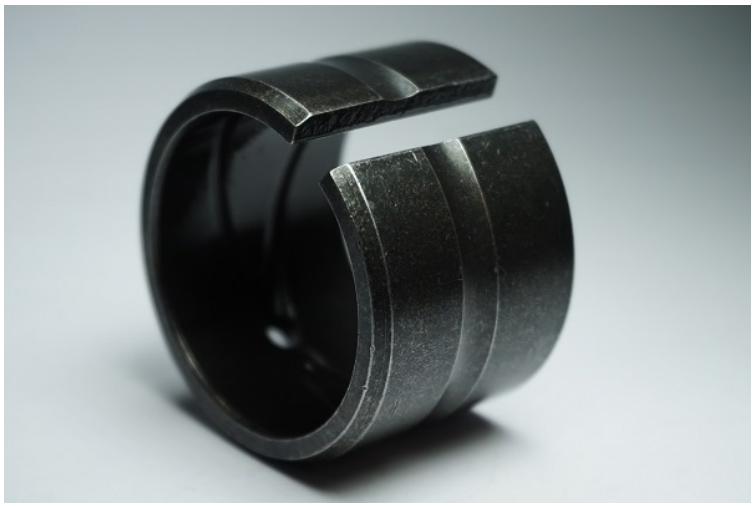
ASEC



SLIDING BEARINGS ASTH

SKU: ASTH

ASEC Kunststoffen BV

Marketing 17, 6921 RE Duiven, The Netherlands

T: +31 316 84 44 01 | info@asec.nl

Categories: Steel bearings

Features

- Strong flexible bearing.
- High load enduring.
- Protects shaft against deformation.
- Good resistance to wear.
- Suitable for large constructions and machinery.
- Maintenance-free.

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.

ASTH 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 ASTH 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 ASTH bearing has to be lubricated with sufficient lubricant. ASTH 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.

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

Availablity		Value	Unit
Min. inside diameter		On request	mm
Max. outside diameter		On request	mm
Flange diameter		NA	mm
Length standard		On request	mm
Mechanical properties	**Test standard**	**Value**	**Unit**
Hardness		42-48	HRC
Dynamic load capacity		100	MPa
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-80	°C
Max. working temperature		200	°C
Friction properties	**Test standard**	**Value**	**Unit**
Coefficient of friction dynamic		0.05-0.20	[-]
Max. sliding speed		0.1	m/s

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 ©.