

## HIGH RESISTANCE TO WEAR AND SEIZURE IN ABRASIVE ENVIRONMENTS AND AT HIGH TEMPERATURES

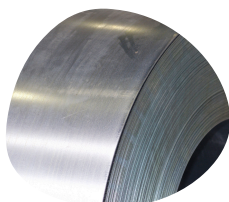
The TESCO<sup>®</sup> technology is made of high-strength steel alloys with excellent mechanical resistance and a duplex surface treatment that ensures high abrasion resistance in extreme operating conditions such as high pressures and high temperatures.



### Examples of applications:



Continuous casting



Winders



Loaders

### Operating conditions

Topography	Grid pattern	HP	BH
Max. static pressure	69,618 psi	104,427 psi	121,831 psi
Max. dynamic pressure	14,503 psi	150 MPa	250 MPa
Max. speed	4.92 ft/s		
Max. temperature	Up to 932 °F		
Lubrication	Greased		
Lubrication intervals	Up to 50 h	Up to 250 h	Up to 1,000 h
Assembly instructions	Press, nitrogen assembly*. If something else, please contact us		

### Standard tolerances of the bushing

Inside diameter	H9*
Outside diameter	p6*

### Housing

Standard tolerance	H7*
--------------------	-----

### Shaft

Standard tolerance	f7*
Optimum roughness	< 0,8 µm
Recommended surface treatments	Hardness > 56 HRC
Optimum HEF technology	TESCO <sup>®</sup>

### Components available in this technology

Bushings, flanged bushings, spherical plain bearings, slide pads, washers, etc.

\* Depending on the severity of your application conditions, these recommendations may change. Contact us before use

The TESCO<sup>®</sup> technology is the result of studies and research carried out by HEF's tribology specialists. However, it must be tested and validated under your specific operating conditions to ensure proper suitability for all your parameters before it is definitively adopted. THE TESCO<sup>®</sup> TECHNOLOGY IS A WORLDWIDE HEF trademark – HEF IS THE ONLY AUTHORISED MANUFACTURER

### Contact

HEF USA Headquarters

Call: 937-323-2556

EMAIL: [sales-admin@hefusa.net](mailto:sales-admin@hefusa.net)

HEF DURFERRIT MEXICO

Call: +52 442 595 64 41