

COD 11[®]

Metallic range

HIGH RESISTANCE TO OXIDATION, SEIZURE, AND WEAR UNDER DIFFICULT OPERATING CONDITIONS - REDUCED MAINTENANCE

COD 11[®] components, manufactured from specific alloys. They offer excellent resistance to wear and seizure in highly corrosive environments. For example, these bushings are widely used in the steel industry as replacements for bronze bushings.



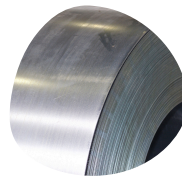
Examples of applications:



Continuous casting



Gas holders



Winders



Offshore applications



Port applications

Operating conditions

Topography	Grid pattern	HP	BH
Max. static pressure	200 MPa	300 MPa	350 MPa
Max. dynamic pressure	60 MPa	90 MPa	105 MPa
Max. speed	0,2 m/s		
Max. temperature	Up to 350°C		
Lubrication	Greased		
Lubrication intervals	Up to 24h	Up to 150h	Up to 300h
Assembly instructions	Press or nitrogen assembly. If something else, please contact us		

Standard tolerances of the bushing

Inside diameter	H9*
Outside diameter	p6*

Housing

standard tolerance	H7*
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Shaft

Standard tolerance	f7*
Optimum roughness	< 0,8 µm
Recommended surface treatments	Hardness > 56 HRC
Optimum HEF technology	COD [®] ST, COD [®] HT, COD [®] OX...

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

COD 11[®] TECHNOLOGY IS A WORLDWIDE HEF trademark – HEF IS THE ONLY AUTHORISED MANUFACTURER

COD 11[®] technology is the result of studies and research carried out by the HEF Group'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.

Contact

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