

TESCO

ABRASION- HIGH TEMPERATURES

TESCO technology have the best compromise between abrasion resistance and high temperature.
This technology is available with different shapes: bushings, pins, rollers, slides, screw, or others complex shapes.

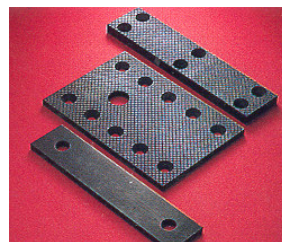
Characteristics

TESCO technology is based on an allied steel with high mechanical resistance (core material higher than 50 HRC) and on special thermochemical surface treatment (surface hardness higher than 800 Hv₁)

This surface treatment leads excellent friction properties and scuffing resistance, and high surface hardness even at high temperatures.



Bushings



Slides

Conditions of use

- **Maximum temperature :** 500 °C.
For higher temperature, please contact us

- **Maximum pressure:** 100 MPa
For higher contact pressure, please contact us

- **Lubrication :** Lubrication of the joints allows to increase significantly the technical performances.
About high temperature greases, please contact us

- **Mating parts:** the counter part must have a surface hardness between 57 and 60 HRC

Applications

Steel industry :

Guiding rollers
Chuck slides
Control valves bushings

Cement industry:

Bushings on cooling chain
Transport screw

Miscellaneous :

Yarn guides

References

Arcelor
Ascométal
Ugine
Vallourec
Ciments Calcia
Ciments Lafarge
VIA Clecim
Pirelli



Non contractual document

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