



TEF-MET®

Wrapped composite sliding bearing, steel / PTFE coated • Maintenance-free dry sliding bearing • DIN 1494 / ISO 3547 • Also available: lead free!

We produce all special
designs at short notice!

TFZ Cylindrical bushing

TFB Flanged bushing

TFA Thrust washer

TFS Strips

PROPERTIES	Excellent sliding- and wear behaviour, for all types of movement, high load capacity, all-round adaptable.
MATERIALS Support material Intermediate layer Sliding layer	Steel tin-plated Sintered bronze PTFE
MATERIAL PROPERTIES Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	≤ 250 [N/mm ²] ≤ 140 [N/mm ²] at low sliding speeds $\leq 2,5$ [m/s] 0,03 to 0,25 [μ] -200 to +280 [°C] 1,8 [N/mm ² x m/s] for a short time 3,6
TOLERANCE DETAILS Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	H7 H9 f7 to h8
SHAFT MATERIAL	Steel, hardened or untempered, surface roughness \leq Rz 2-3
MOUNTING ADVISE Housing Shaft Force fitting mandrel Stick in	Mounting bevel, min. 1,5 mm x 15-45° Mounting bevel, 5 mm x 15°, edges rounded The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting. Adhesive should not contact the sliding surface.
MAINTENANCE	TEF-MET® is a dry sliding bearing with PTFE sliding layer. Lubrication is therefore not necessary, but basically possible!



Cylindrical and flanged bushings, thrust washer, strips are standard fabrication.
Punchings and moldings are produced on customers' requirement.