GETRO – ROLLED SLIDING BUSHING WITH SOLID LUBRICANT

Rolled sliding bushing with solid lubricant

We offer rolled sliding bushing with solid lubricant in three variants. Rolled sliding bushings with solid lubricant of type GETRO-08G are based on alloys of steel, lead and bronze and are coated with a specially developed solid lubricant. The GETRO-09G type are rolled sliding bushings with solid lubricant that are based on bronze and can be rolled out to very thin wall thicknesses. The GETRO-TF-2 types are self-lubricating and suitable for high temperatures.

GETRO®
ROLLED SLIDING BUSHINGS

GETRO-08G

The GETRO-08G sliding bushings have a steel-lead-bronze alloy base featuring a specially developed solid lubricant.

Due to their high levels of stability and resilience and the helical arrangement of the diamond-shaped indents of the embedded solid lubricant, these bushings have an extremely good lubrication effect at high temperatures and excellent wear-resistance.

Approximately 25% of the bushing surface is lubricated. These sliding bushings are used in automotive or vehicle gearboxes and clutches, as well as generators, cranes and other items of machinery in the metalworking industry.

Profile	Design	Base material	Load Capacity	Temperature range	Sliding speed limit	Friction coefficient
	GETRO-08G	CuSn10Pb10 + Gr.	65 N/mm²	-100°C to +260°C	4 m/s	0.06 - 0.20

GETRO-09G

The GETRO-09G bushings are sliding bushings on a bronze base containing solid lubricant. Thanks to the good stretching properties of bronze, these sliding bushings can be rolled to have very thin walled thicknesses.

Due to the solid lubricant, these bushings are used without any lubricant in gear shafts and similar applications. They are also particularly well-suited for use between clutch discs and the drivetrain.

Profile	Design	Base material	Load Capacity	Temperature range	Sliding speed limit	Friction coefficient
	GETRO-09G - ROHS	CuSn6.5P0.1 + Gr.	65 N/mm²	-100°C to +260°C	4 m/s	0.06 - 0.20

GETRO-TF-2

The GETRO-TF-2 bushings are self-lubricating sliding bushings for use at high temperatures. Compared to the GETRO-TF-1 series, the sliding bushings from this series are considerably less prone to rust and are better suited for use at high temperatures. They are popular in train tracks, automotive moulding etc. They are popular in train tracks, automotive moulding etc.

Profile	Design	Base material	Load Capacity	Temperature range	Sliding speed limit	Friction coefficient
	GETRO-TF-2	CuFeNiSn + Gr.	73.5 N/mm²	+600°C		0.03 - 0.18