



Jolly Bushings™

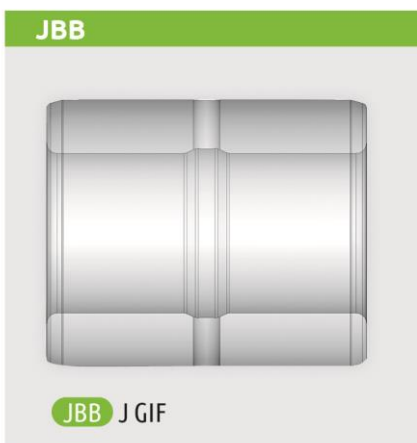
The JB™ are the solution to the problem of repairing damaged housing on any work machinery (Earth-moving, Agriculture, Drilling, Mining, etc.) or part of it and/or equipment.

In particular, this bushing has an inner surface with hardness 58-62 HRC and grinded, plus a soft 40-42 HRC external surface (including the two faces), which can be machined (turned) to the required diameter. The thickness of this special bushing is greater (>7.5 mm) than a standard bushing so that it can be better adapted to the type of housing (which has lost its initial dimension due to wear). So, instead of replacing the housing or welding a ring on it, you only need to replace the bushing with a JB™ turned to the external diameter to reach the best interference fit between the housing and bushing, saving time and money.

To get the best result, we recommend to machine the housing first and then, the JB™ bushing.

We recommend assembling it using a press or nitrogen with machining of the respective housings with a tolerance of H7 or maximum H8.

Type



Technical specifications:

- Material: E410 special steel (EN10305) which guarantees consistent heat treatment.
- Inner surface treatment of case-hardening and tempering with case-hardening depth of 0.8-1 mm, HRC 5862 hardness after grinding.
- Standard tolerance u6 C8.
- Quality guaranteed by the grinding of both surfaces (the inner one to allow the correct play with the shaft, to reduce friction and obtain excellent performance; the outer surface is grinded to allow the use of the JB bushings without adapting the external diameter too).

Size range

The JB™ bushings are produced with a minimum inner diameter of 30 mm and a maximum of 100 mm. Other sizes can be produced on request based on the customer's design.

Type

JBE – Inner groove, holes, spiral, no exit

JBH – Inner groove

JBB – Inner groove and holes

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