

Cylindrical polymer bushing

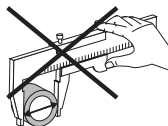
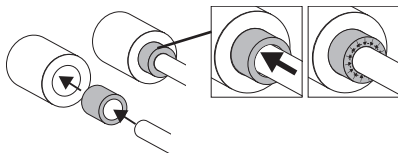
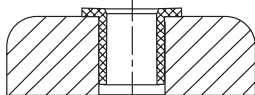
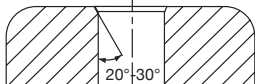
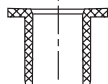
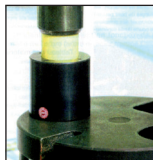
Assembly instructions

Assembly

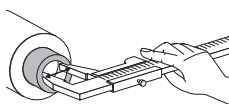
These plain Iglidur® bearings are designed to be force fitted. It is only once fitted into a steel bore (H7 tolerance recommended) that the internal diameter will reach its design tolerance. Before fitting the external diameter of the bearing may exceed the internal diameter by 2%. This is so that the bearing will remain in place and all radial or axial movement restricted. The bore should be machined to the standard recommended for bearings (typically H7). It should also be smooth, level and chamfered where possible. Mounting is normally achieved using a punch. The use of centring or calibrating mandrels can cause damage to bearings and increase play.

Use of adhesives

It is not normally necessary to glue the bearings in their housings. If the fixing becomes loose due to high temperatures, the bearing should be changed for one suitable for use at those temperatures. If the use of adhesive cannot be avoided then preliminary tests should be made, remembering that a positive test in one case may not necessarily work elsewhere.



Do not measure before assembly



Take the measurement once the bearing has been fitted

Diameter d1 (mm)	Bore H7 (mm)
à 3	0-0,010
> 3 à 6	0-0,012
> 6 à 10	0-0,015
> 10 à 18	0-0,018
> 18 à 30	0-0,021
> 30 à 50	0-0,025
> 50 à 80	0-0,030
> 80 à 120	0-0,035
> 120	0-0,040