

# Plastic Plain Bearings

Both types have been provided with a so-called compensating gap "A" in the longitudinal axis (see Figure 5).

This compensating gap balances out almost all dimensional deviations due to absorption of moisture or changes in temperature.

It also accumulates lubricant in greased bearings and helps to distribute the grease throughout the bearing.

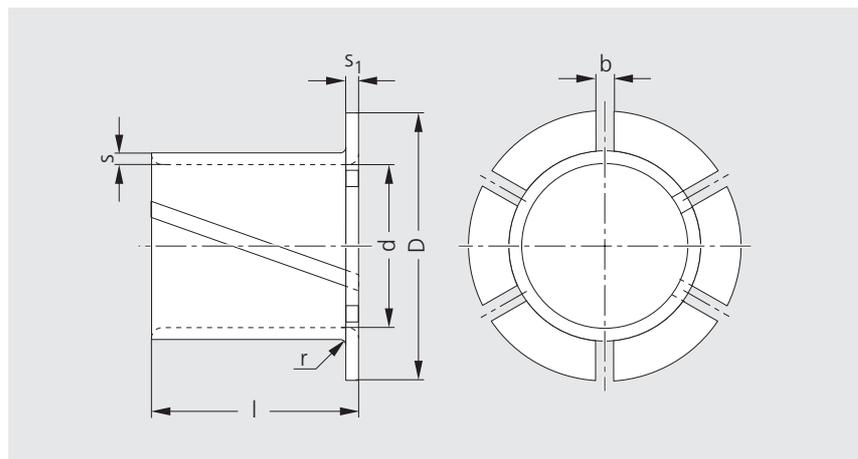
Type 1320-5.. is a plastic plain bearing with one collar. The collar is intended as a simple holding device to guard against axial shifting, but it can also take up any arising axial forces. The radial slits "B" (Figure 5) in the collar have the same function as the compensating gap "A".

Type 1320-7.. is equipped with two collars of different size. This type was specifically designed for installation in metal bearing plates up to a maximum thickness of 2 mm. The two collars ensure that the Plastic Plain Bearing remains securely lodged within the bearing plates. When installing this type, care must be taken to fit the bearing with the large collar on the side subjected to axial forces. The compensating gap "A" allows Plastic Plain Bearings to be compressed until the smaller collar can be easily twisted into the mounting bore of the metal bearing plate. When installing the bearing, make sure the gap is uppermost and insert the bearing into the mounting bore beginning with the left-hand end. When the bearing is twisted to the right it will automatically draw itself

the bore. If they have been installed correctly, Plastic Plain Bearings will recover their shape and sit snugly within the plate.

## Dimensions

Type 1320-5..-00



Part number	Dimensions (mm)								
	d	D	l <sup>1)</sup>	s	Permissible deviation	s <sub>1</sub>	Permissible deviation	b	r max
1320-504-00	4	7	4.6	0.6	-0.06	0.6	-0.06	0.9	0.25
1320-505-00	5	8	5.6	0.6	-0.06	0.6	-0.06	0.9	0.25
1320-506-00	6	9.5	6.6	0.6	-0.06	0.6	-0.06	0.9	0.25
1320-508-00	8	12	8.8	0.8	-0.06	0.8	-0.06	1.3	0.4
1320-510-00	10	15	10.8	0.8	-0.06	0.8	-0.06	1.3	0.4
1320-512-00	12	18	12.8	0.8	-0.07	0.8	-0.06	1.3	0.4
1320-514-00	14	21	14.8	0.8	-0.07	0.8	-0.06	1.3	0.4
1320-516-00	16	24	16.8	0.8	-0.07	0.8	-0.06	1.3	0.4
1320-520-00	20	30	20.8	0.8	-0.08	0.8	-0.06	1.3	0.4
1320-525-00	25	37.5	26.2	1.2	-0.08	1.2	-0.06	1.8	0.5

Table 4

1) Use length l-s<sub>1</sub> for calculations