

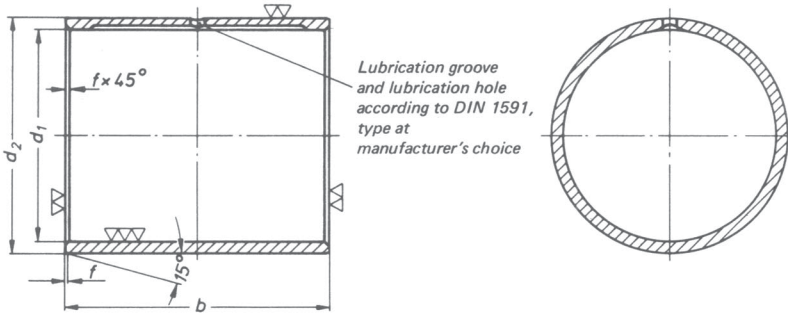
Driving Elements
Bushes for Plain Bearings
 according to DIN 502, DIN 503 and DIN 504

DIN
8221

Antriebs Elemente; Buchsen für Gleitlager nach DIN 502, DIN 503 und DIN 504

Dimensions in mm

Surfaces Series 1 DIN 3141



Designation of a bearing bush with bore $d_1 = 90$ mm:

Bearing bush 90 DIN 8221

d_1 B 8 1)	b	d_2 x 8 1)	f	flanged bearings Type A according to DIN 502	For use in flanged bearings Type B according to DIN 503	solid journal bearings Type A according to DIN 504
25	60 ± 0,2	35	0,6	x		x
30		40		x		x
35		45		x	x	x
40	70 ± 0,3	50	0,6	x	x	x
45		55		x	x	x
50	80 ± 0,3	60	0,8	x	x	x
55		65		x	x	x
60	90 ± 0,3	70	0,8	x	x	x
(65)		75		x	x	x
70	100 ± 0,3	80	1	x	x	x
(75)		85			x	x
80	100 ± 0,3	90	1		x	x
90		100			x	x
100	120 ± 0,3	115	1		x	x
110		125			x	x
(120)	140 ± 0,3	135	1		x	x
125		140			x	x
(130)		145			x	x
140	160 ± 0,3	155	1,2		x	x
(150)		165			x	x
160		175			x	
180	180 ± 0,3	195	1,6		x	

Bracketed sizes should be avoided wherever possible.

1) Before pressing in

Material: Rg 7 according to DIN 1705
 Other materials by agreement

Dimensions without tolerance indication: medium DIN 7168

Explanations on page 2

Explanations

A long-standing desire of users to see the interchangeability of bearing bushes assured when they have to be replaced has now been fulfilled by the standardization of these bushes. The outside diameters of the bushes could not however be scheduled in agreement with DIN 1850 Part 1 (August 1970 issue), because the shaft diameters and bearing housings must be the same for bearings with and without bearing shells. The bearing bushes according to the Table are applicable to bearings according to DIN 502 to DIN 504. The dimensions correspond to those used for many years in engineering practice.