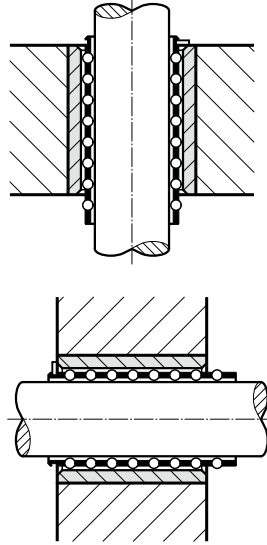


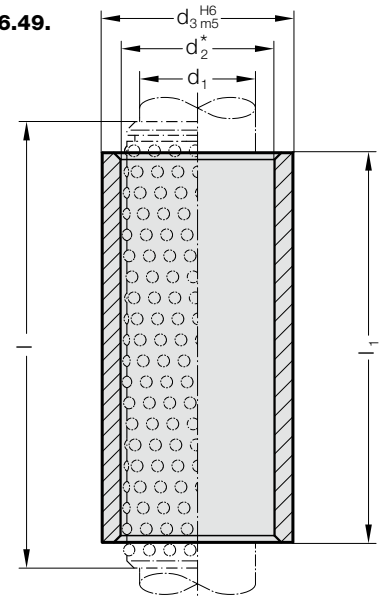
GUIDE BUSH FOR BALL BEARING, AFNOR



Mounting example



206.49.



Material:

Tool steel, hardened 62 ± 2 HRC

Execution:

Bearing surfaces honed, outside diameter precision ground.

Slip-Fit Bonding:

The position of the bearing is given by push fit holes tolerance H6. The adhesive (order no. 281.648) provides optimum push retention whilst offering the following **advantages:**

- high accuracy and stiffness
- no problems to find position when changing bushings

We do not recommend to press fit for the same reasons mentioned above.

Note:

- ☞ Notes on ball bearing type guides at the beginning of chapter D.
 - *☞ Preloading see pairing classification at the beginning of chapter D
 - ☞ Matching guide combinations, see selection matrix at the beginning of chapter D.
 - ☞ Assembly guide lines / Dimensional requirements and tolerances at the end of chapter D.
- Tolerance range:
 yellow = .10
 green = .20
 red = .30

206.49. Guide bush for ball bearing, AFNOR

d ₁	16	20	25	32	40	50
d ₂	22	26	31	40	48	58
d ₃	28	32	40	50	63	80
l ₁ / l*						
35 / 45	●	●				
40 / 45	●	●	●			
45 / 56				●		
50 / 56	●	●	●			
55 / 63					●	
60 / 71	●	●	●	●		
70 / 80		●	●	●	●	
80 / 95		●	●	●	●	●
90 / 105				●	●	●
90 / 95			●			
100 / 120				●	●	●
120 / 140					●	●

*l = Nominal ordering length of ball cage - preferred length

Ordering Code (example):

Guide bush for ball bearing, AFNOR	=	206.49.
Diameter of conduit d ₁	32 mm =	032.
Installation length l ₁	45 mm =	045.
Classification TOL	yellow =	10
Order No	=	206.49. 032. 045. 10