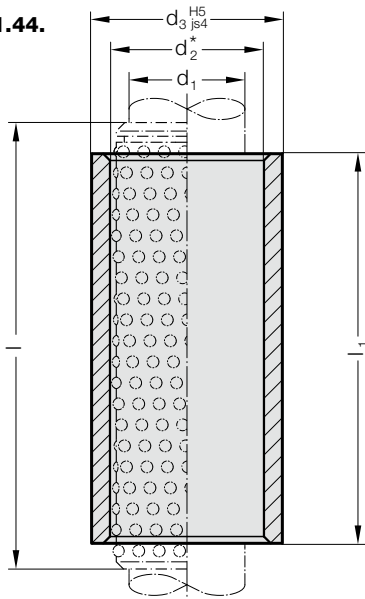


# GUIDE BUSH FOR BALL BEARING, ISO 9448-3

2061.44.



## Material:

Tool steel, hardened  $62 \pm 2$  HRC

## Execution:

Bearing surfaces honed,  
outside diameter precision ground.

## Slip-Fit Bonding:

The position of the bearing is given by push fit holes tolerance H5. 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.

$\varnothing 8 - \varnothing 12$  not available in tolerance range red = .30.

Tolerance range:

yellow = .10

green = .20

red = .30

## 2061.44. Guide bush for ball bearing, ISO 9448-3

$d_1$	8	10	11	12	15	16	19	20	24	25	30	32	38	40	48	50	60	63	80
$d_2$	11	14	15	16	21	22	25	26	30	31	38	40	46	48	56	58	68	71	92
$d_3$	18	22	22	22	28	28	32	32	40	40	48	48	58	58	70	70	85	85	105
$l_1 / l^*$																			
23 / 45					●	●	●	●	●	●									
23 / 39		●	●	●															
30 / 45					●	●	●	●	●	●	●	●	●	●					
30 / 39	●	●	●	●															
37 / 39		●	●	●															
37 / 45					●	●	●	●	●	●									
37 / 50					●	●	●	●	●	●									
47 / 56					●	●	●	●	●	●	●	●	●	●	●	●			
47 / 65													●	●	●	●			
60 / 80													●	●	●	●			
60 / 72					●	●	●	●	●	●									
60 / 70											●	●							
60 / 95																	●	●	
77 / 95							●	●	●	●	●	●	●	●	●	●	●	●	●
95 / 120											●	●	●	●	●	●	●	●	●
120 / 140													●	●	●	●	●	●	●

\* $l_1$  = Nominal ordering length of ball cage - preferred length

## Ordering Code (example):

Guide bush for ball bearing, ISO 9448-3	=	2061.44.
Diameter of conduit $d_1$	25 mm =	025.
Installation length $l_1$	23 mm =	023.
Classification TOL	yellow =	10
Order No	=	2061.44. 025.023. 10