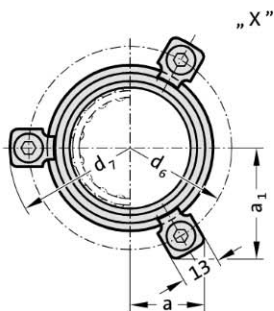
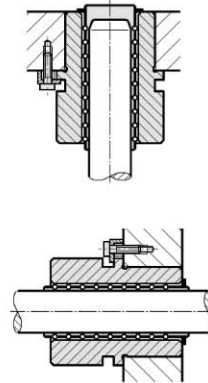
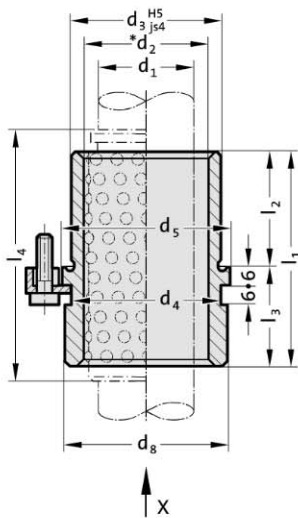




# Headed guide bush for ball bearing, ISO 9448-7

2081.49.

## Mounting example



### Material:

Tool steel, hardened 62 ± 2 HRC

### Execution:

Bearing surfaces honed.

Diameter d<sub>3</sub> and collar face precision ground.

### Note:

The attachment is with 3 Screw clamp, from Ø d<sub>1</sub> = 38 with 4 Screw clamp, which are included in delivery (Order No: 207.45 - Screw clamp incl. socket cap screw DIN 6912, Head Ø 13).

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.

Ball guide capacity calculations at the end of chapter D.

Assembly guide lines / Dimensional requirements and tolerances at the end of chapter D.

### Tolerance range:

yellow = .10

green = .20

red = .30

## 2081.49. Headed guide bush for ball bearing, ISO 9448-7

d <sub>1</sub>	24 25	30 32	38 40	48 50
d <sub>2</sub>	30 31	38 40	46 48	56 58
d <sub>3</sub>	40	48	58	70
d <sub>4</sub>	40	48	58	70
d <sub>5</sub>	48	56	66	80
d <sub>6</sub>	60	67	77	91
d <sub>7</sub>	72.7	79.7	89.7	103.7
d <sub>8</sub>	46	53	63	77
a	22.65	24.4	35.3	40.2
a <sub>1</sub>	33.4	36.4	35.3	40.2
l <sub>1</sub>	55	69	79	96
l <sub>2</sub>	30	37	47	60
l <sub>3</sub>	25	32	32	36
l <sub>4</sub> *	71	80	95	120

\*l<sub>4</sub> = Nominal ordering length of ball cage - preferred length

### Ordering Code (example):

Headed guide bush for ball bearing, ISO 9448-7	=2081.49.
Guide diameter d <sub>1</sub>	38 mm= 038.
Classification TOL	yellow= 10
Order No	=2081.49.038.10