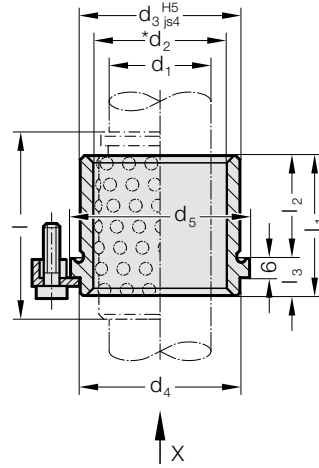
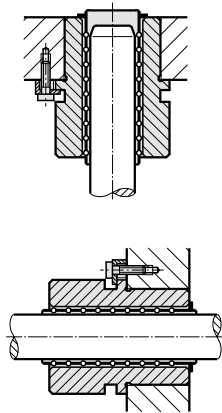


HEADED GUIDE BUSH FOR BALL BEARING, ISO 9448-7



Mounting example

2081.47.



Material:

Tool steel, hardened 62 ± 2 HRC

Execution:

Bearing surfaces honed,
outside diameter precision ground.

Note:

The attachment is with 3 Screw clamp, from $\varnothing d_1 = 38$ with 4 Screw clamp, which are included in delivery (Order No: 207.45 - Screw clamp incl. socket cap screw DIN 6912, Head $\varnothing 13$).

☞ 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.

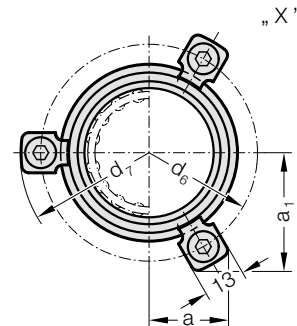
☞ Assembly guide lines / Dimensional requirements and tolerances at the end of chapter D.

Tolerance range:

yellow = .10

green = .20

red = .30



2081.47. Headed guide bush for ball bearing, ISO 9448-7

d ₁	19 20	24 25	30 32	38 40	48 50	60 63	80
d ₂	25 26	30 31	38 40	46 48	56 58	68 71	92
d ₃	32	40	48	58	70	85	105
d ₄	32	40	48	58	70	85	105
d ₅	40	48	56	66	80	95	118
d ₆	52	60	67	77	91	106	129
d ₇	64.7	72.7	79.7	89.7	103.7	118.7	141.7
a	20.7	22.65	24.4	35.3	40.2	45.5	54.5
a ₁	30	33.4	36.4	35.3	40.2	45.5	54.5
l ₁	35	35	42	52	65	80	80
l ₂	23	23	30	37	47	60	60
l ₃	12	12	12	15	18	20	20
l*	45	45	56	63	80	95	120

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

Ordering Code (example):

Headed guide bush for ball bearing, ISO 9448-7 = 2081.47.
 Diameter of conduit d₁ 38 mm = 038.
 Classification TOL yellow = 10
 Order No = 2081.47. 038. 10