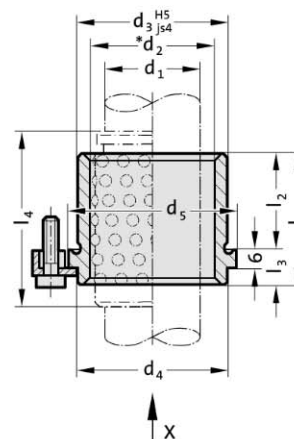
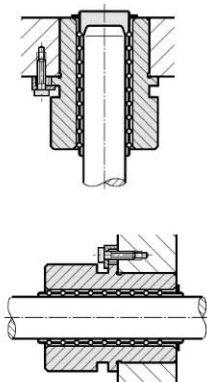




Mounting example

2081.47.



Material:

Tool steel, hardened 62 ± 2 HRC

Execution:

Bearing surfaces honed.

Diameter d_3 and collar face 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.

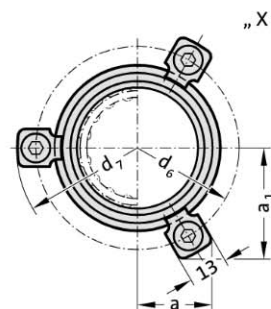
Assembly guide lines / Dimensional requirements and tolerances at the end of chapter D.

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_4^*	45	45	56	63	80	95	120

* l_4 = Nominal ordering length of ball cage - preferred length

Ordering Code (example):

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

Guide diameter d_1 38 mm= 038.

Classification TOL yellow= 10

Order No =2081.47.038.10