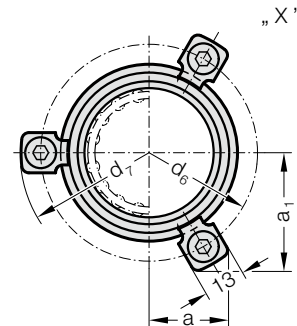
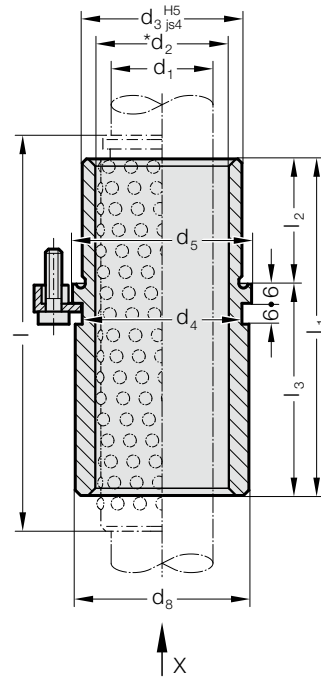
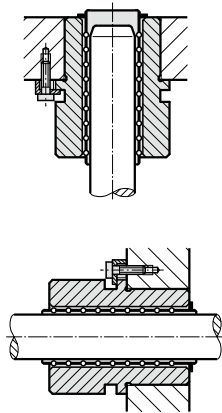


HEADED GUIDE BUSH FOR BALL BEARING, ISO 9448-7



Mounting example

2081.45.



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

2081.45. Headed guide bush for ball bearing, ISO 9448-7

| | | | | |
|-------|-------|-------|-------|-------|
| d_1 | 24 25 | 30 32 | 38 40 | 48 50 |
| d_2 | 30 31 | 38 40 | 46 48 | 56 58 |
| d_3 | 40 | 48 | 58 | 70 |
| d_4 | 40 | 48 | 58 | 70 |
| d_5 | 48 | 56 | 66 | 80 |
| d_6 | 60 | 67 | 77 | 91 |
| d_7 | 72.7 | 79.7 | 89.7 | 103.7 |
| d_8 | 46 | 53 | 63 | 77 |
| a | 22.65 | 24.4 | 35.3 | 40.2 |
| a_1 | 33.4 | 36.4 | 35.3 | 40.2 |
| l_1 | 80 | 93 | 110 | 131 |
| l_2 | 30 | 37 | 47 | 60 |
| l_3 | 50 | 56 | 63 | 71 |
| l^* | 95 | 120 | 140 | 160 |

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

Ordering Code (example):

| | | |
|--|----------|------------------|
| Headed guide bush for ball bearing, ISO 9448-7 | = | 2081.45. |
| Diameter of conduit d_1 | 38 mm = | 038. |
| Classification TOL | yellow = | 10 |
| Order No | = | 2081.45. 038. 10 |