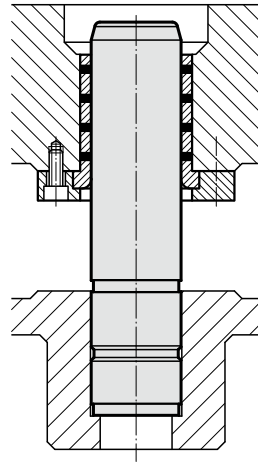
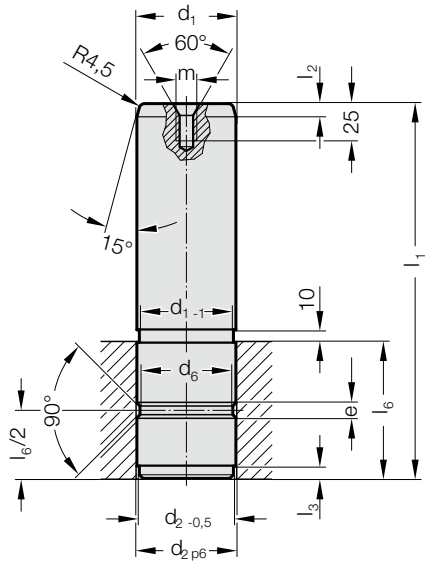


GUIDE PILLAR WITH GROOVE

2022.16.48.

Mounting example



Material:

Steel, surface hardened
Surface hardness: 55 + 5 HRC, Hardness penetration 2 + 1,6 mm

Execution:

precision ground

Note:

Fit for receiving bore H7.
Guide pillar is recommended to be used only with guide elements with solid lubricant.
☞ Matching guide combinations, see selection matrix at the beginning of chapter D.

2022.16.48. Guide pillar with groove

| | | | | | | | | |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| d ₁ | 25 | 30 | 40 | 50 | 60 | 65 | 80 | 100 |
| Tolerance | -0,005/-0,015 | -0,005/-0,015 | -0,005/-0,015 | -0,005/-0,015 | -0,01/-0,02 | -0,01/-0,02 | -0,01/-0,025 | -0,01/-0,025 |
| d ₂ | 25 | 30 | 40 | 50 | 60 | 65 | 80 | 100 |
| Tolerance | +0,022/+0,035 | +0,022/+0,035 | +0,026/+0,042 | +0,026/+0,042 | +0,032/+0,051 | +0,032/+0,051 | +0,032/+0,051 | +0,037/+0,059 |
| d ₆ | 21 | 26 | 36 | 45 | 55 | 60 | 75 | 95 |
| l ₂ | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 10 |
| l ₃ | 5 | 5 | 5 | 10 | 10 | 10 | 10 | 10 |
| l ₆ | 30 | 40 | 50 | 70 | 90 | 100 | 120 | 150 |
| m | M8 | M8 | M8 | M12 | M12 | M12 | M12 | M12 |
| l ₁ | | | | | | | | |
| 80 | ● | | | | | | | |
| 100 | ● | ● | | | | | | |
| 120 | ● | ● | ● | | | | | |
| 140 | | ● | ● | | | | | |
| 160 | | ● | ● | ● | | | | |
| 180 | | ● | ● | ● | ● | | | |
| 200 | | | ● | ● | ● | | | |
| 220 | | | | | ● | | | |
| 250 | | | | ● | ● | ● | ● | |
| 300 | | | | ● | ● | ● | ● | ● |
| 350 | | | | | ● | ● | ● | ● |
| 400 | | | | | | | ● | ● |

Ordering Code (example):

| | | |
|------------------------------------|--------|----------------------|
| Guide pillar with groove | = | 2022.16.48. |
| Diameter of conduit d ₁ | 60 mm | = 060. |
| Length l ₁ | 200 mm | = 200 |
| Order No | = | 2022.16.48. 060. 200 |