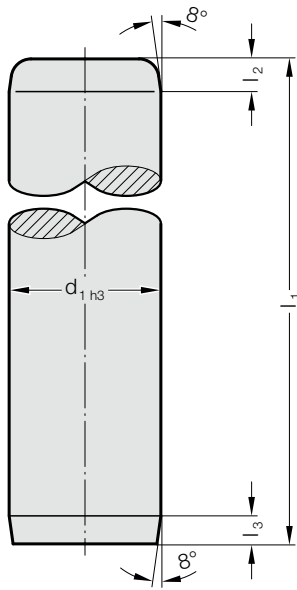
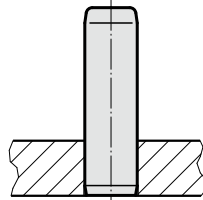


# GUIDE PILLAR DIN 9825/ISO 9182-2

202.19.



Mounting example



**Material:**

Steel, (Core strength:  $\geq 900 \text{ N/mm}^2$ ) surface hardened  
 Surface hardness:  $60 + 3 \text{ HRC}$ , Hardness penetration  $\geq 1,8 \text{ mm}$  ( up to  $\phi 12$ , throughhardened)

**Execution:**

fine-ground and superfinished  
 Method of manufacturing entails that centre holes are not concentric with O.D.

**Note:**

$\phi 3$  to  $\phi 8$  are not supplied classified.  
 $\phi 10$  to  $\phi 12$  only available in tolerance range yellow = .10

- Bearing clearance / Preloading see pairing classification at the beginning of chapter D.
  - Matching guide combinations, see selection matrix at the beginning of chapter D.
  - Assembly guide lines / Dimensional requirements and tolerances at the end of chapter D.
- Tolerance range:  
 yellow = .10; green = .20; red = .30

**202.19. Guide pillar DIN 9825/ISO 9182-2**

$d_1$	3	4 5	6	8	10	11 12	15 16	19 20	24 25	30 32	38 40	48 50	60 63	80
$l_2$	2	2	2	2	3	3	4	4	6	6	6	8	8	8
$l_3$	2	2	2	2	3	3	3	3	3	3	3	3	3	3
$l_1$														
30	●													
40	●	●	●											
50	●	●	●	●										
60	●	●	●	●										
80	●	●	●	●		●								
90					●	●	●							
100		●	●	●	●	●	●	●	●					
112					●	●	●	●	●					
125			●	●	●	●	●	●	●	●				
140			●	●	●	●	●	●	●	●				
160			●	●		●	●	●	●	●	●			
180							●	●	●	●	●	●		
200							●	●	●	●	●	●		
224							●	●	●	●	●	●		
250							●	●	●	●	●	●	●	
280							●	●	●	●	●	●	●	●
315							●	●	●	●	●	●	●	●
355							●	●	●	●	●	●	●	●
400								●	●	●	●	●	●	●
450									●	●	●	●	●	●
500									●	●	●	●	●	●
550										●	●	●	●	●
600											●	●	●	●
700												●	●	●
800													●	●

**Ordering Code (example):**

Guide pillar DIN 9825/ISO 9182-2	= 202.19.
Diameter of conduit $d_1$	25 mm = 025.
Length $l_1$	224 mm = 224.
Classification TOL	yellow = 10
Order No	= 202.19. 025. 224. 10