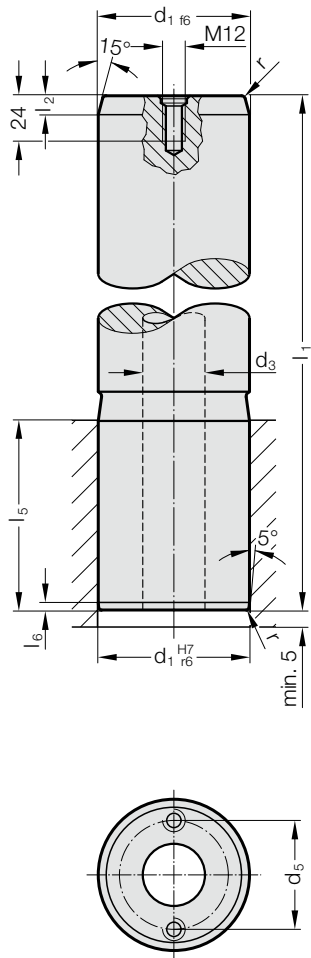


GUIDE PILLAR FOR LARGE TOOLS, DIN 9833/ISO 9182-3

2022.19.



Material:
Steel, surface hardened
Surface hardness: 60 + 4 HRC, Hardness penetration 1,5 + 1 mm

Execution:
ground
up to $\varnothing d_1 = 80$ without central hole
by $\varnothing d_1 = 80$ with 1 lifting thread M12
from $\varnothing d_1 = 100$ with central hole (through) and with 2 lifting threads M12

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

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d ₁	25	32	40	50	63	80	100	125	160
d ₃	-	-	-	-	-	-	50	65	95
d ₅	-	-	-	-	-	-	72	90	132
r	2	2	2	2.5	2.5	3	3	4	4
l ₂	8	8	8	10	10	10	10	12	12
l ₅	40	45	56	70	80	100	125	140	180
l ₆	4	4	4	4	4	4	4	5	5
l ₁									
125	●	●							
140	●	●							
160	●	●	●	●					
180	●	●	●	●	●				
200	●	●	●	●	●				
224	●	●	●	●	●	●			
250		●	●	●	●	●	●		
280			●	●	●	●	●		
315				●	●	●	●	●	
355				●	●	●	●	●	
400					●	●	●	●	●
450						●	●	●	●
500						●	●	●	●
560									●

Ordering Code (example):

Guide pillar for large tools, DIN 9833/ISO 9182-3	=	2022.19.
Diameter of conduit d ₁	63 mm	= 063.
Length l ₁	180 mm	= 180
Order No		= 2022.19. 063. 180