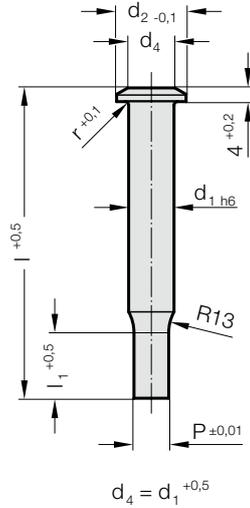


Punch, stepped, round, ~DIN 9844



2210.



2210. Punch, stepped, round, ~DIN 9844

d ₁ / Order No	d ₂	P	l ₁ / Order No	r	l (Order Code character)	71 (D)	90 (F)	112 (O)
3 / (1)	5	0,8 - 2,9	8 (1) 10 (2)	0.3		●	●	●
4 / (2)	7	1 - 3,9	8 (1) 13 (3)	0.3		●	●	●
5 / (3)	8.5	1,5 - 4,9	13 (3) 19 (4)	0.5		●	●	●
6 / (4)	10	1,6 - 5,9	13 (3) 19 (4)	0.5		●	●	●
8 / (5)	12	2,5 - 7,9	19 (4) 25 (5)	0.7		●	●	●
10 / (6)	14.5	4 - 9,9	19 (4) 25 (5)	0.7		●	●	●
13 / (7)	20	5 - 12,9	19 (4) 25 (5)	1		●	●	●
16 / (8)	22	8 - 15,9	19 (4) 25 (5)	1		●	●	●

Material:

HSS
 Order No 2210.3□□□.
 Hardness:
 Shaft 64 ± 2 HRC
 Head 52 ± 5 HRC

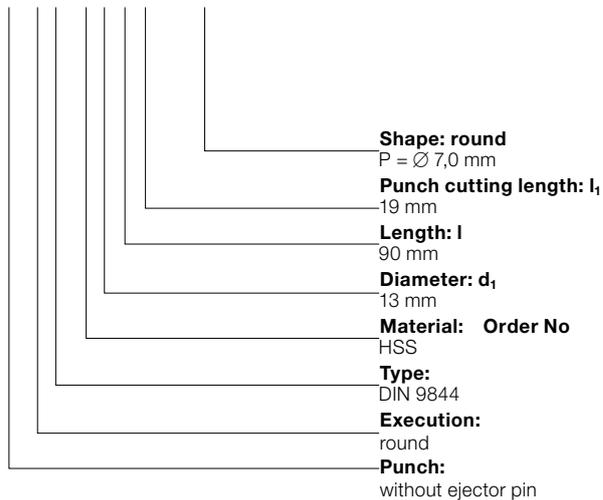
Description of FIBRO materials for tool and die components see at the beginning of Chapter E.

Execution:

Punch head hot upset-forged. Shaft and shoulder precision plunge-ground.

Ordering Code (example):

2210.37F4.0700



= 0700
Order No
 = (4)
Order Code character
 = (F)
Order No
 = (7)
 = (3)
Order No
 = (0)
Order No
 = (1)
 = 22