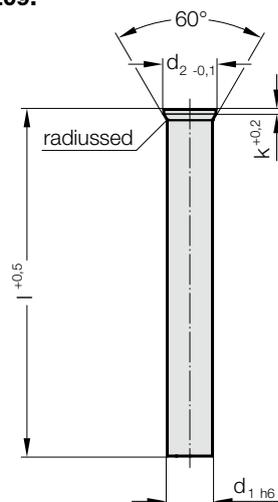


# PUNCH, BLANK, DIN 9861, SHAPE D

2209.

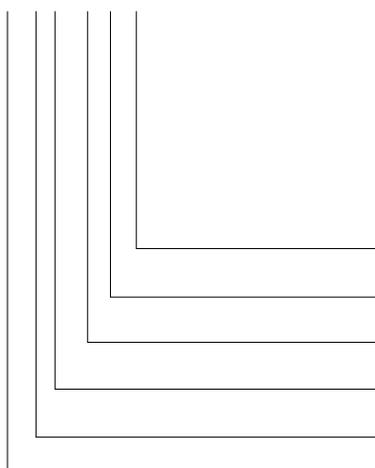


## 2209. Punch, blank, DIN 9861, Shape D

d <sub>1</sub> / Order No	d <sub>2</sub>	k	l (Order Code character)	71 (D)	80 (E)	100 (G)	120 (J)
3/(1)	4.5	0.5		●	●	●	●
4/(2)	5.5	0.5		●	●	●	●
5/(3)	6.5	0.5		●	●	●	●
6/(4)	8	0.5		●	●	●	●
8/(5)	10	1		●	●	●	●
10/(6)	12	1		●	●	●	●
13/(7)	15	1		●	●	●	●
16/(8)	18	1.5		●	●	●	●
20/(9)	22	1.5		●	●	●	●

### Ordering Code (example):

**2209.37G**



**Length: l**  
100 mm  
**Diameter: d<sub>1</sub>**  
13 mm  
**Material:**  
HSS  
**Type:**  
DIN 9861  
**Execution:**  
blank  
**Punch:**  
without ejector pin

**Order Code character**  
= (G)  
**Order No**  
= (3)  
**Order No**  
= (7)  
**Order No**  
= (0)  
= 22

### Material:

HSS  
Order No 2209.3□□.  
ASP 2023  
Order No 2209.6□□.

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:

Stamp shank and punch head are precision ground after the heat compression and tempering of the punch head using the plunge process.

Other diameters and lengths upon request!