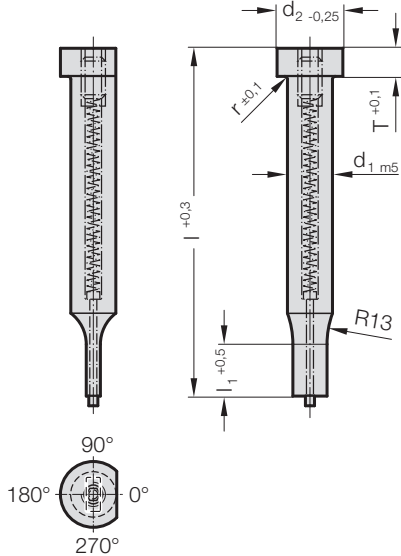


PUNCH, STEPPED, RECTANGLE WITH RADIUSSED CORNERS, WITH EJECTOR PIN, ISO 8020



2751.



$$G = \sqrt{(P-1.0)^2 + (W-1.0)^2} + 1$$

2751. Punch, stepped, rectangle with radiussed corners, with ejector pin, ISO 8020

d ₁ / Order No	d ₂	W _{min}	G _{max}	l ₁ / Order No	r	T	l / (Order Code character)	71 (D)	80 (E)	90 (F)	100 (G)	120 (J)
5 / (3)	8	2	4.9	13 (3) 19 (4)	0.3	5		●	●	●	●	●
6 / (4)	9	2.5	5.9	13 (3) 19 (4)	0.3	5		●	●	●	●	●
8 / (5)	11	4	7.9	19 (4) 25 (5)	0.3	5		●	●	●	●	●
10 / (6)	13	4	9.9	19 (4) 25 (5)	0.3	5		●	●	●	●	●
13 / (7)	16	6	12.9	19 (4) 25 (5)	0.4	5		●	●	●	●	●
16 / (8)	19	8	15.9	19 (4) 25 (5)	0.4	5		●	●	●	●	●
20 / (9)	23	10	19.9	19 (4) 25 (5)	0.4	5		●	●	●	●	●
25 / (10)	28	12	24.9	19 (4) 25 (5)	0.4	5		●	●	●	●	●
32 / (11)	35	16	31.9	25 (5) 30 (6)	0.4	5		●	●	●	●	●

Material:

HSS

Hardness:

Shaft 64 ± 2 HRC

Head 52 ± 5 HRC

Execution:

Punch head hot upset-forged. Shoulder, shaft and punch shape fine ground.

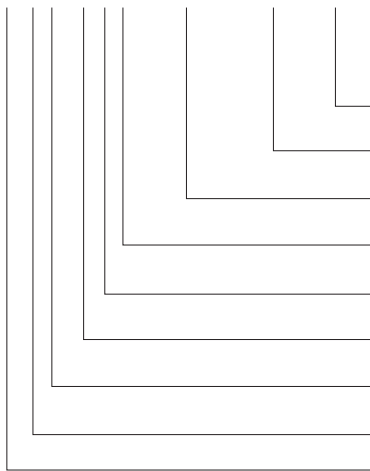
The anti-rotation surface parallel to P = 0° as standard.

Special dimensions on request.

* For other radius options, see standardised special shapes.

Ordering Code (example):

2751.9F4.1550.1150.A



Angle: 0°
Shape: rectangle with radiussed corners, Width W = 11,5 mm
Shape: rectangle with radiussed corners, Length P = 15,5 mm
Punch cutting length: l₁ = 19 mm
Length: l = 90 mm
Diameter: d₁ = 20 mm
Type: ISO
Execution: rectangle with radiussed corners
Punch: with ejector pin

Order Code character = (A)
Order Code character = (F)
Order Code character = (4)
Order Code character = (9)
Order Code character = (1)
Order Code character = (5)

Order No = 1150
Order No = 1550
Order No = 19
Order No = 90
Order No = 20
Order No = 1
Order No = 5

Order No = 27