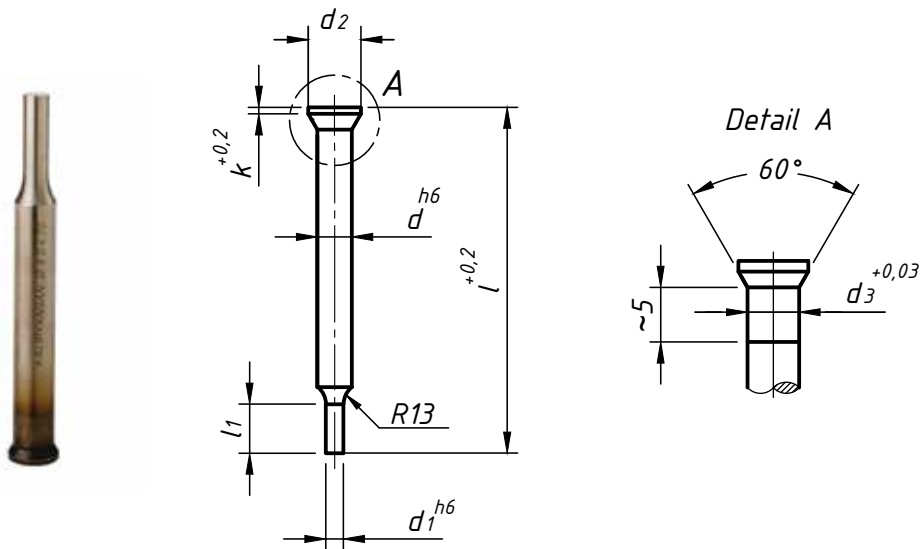


120.


MATERIAL	BODY HARDNESS	HEAD HARDNESS	MATERIAL CODE
HWS %12 Cr: 1.2379	62 ± 2 HRC	50 ± 3 HRC	A2 (HWS)
HSS: 1.3343	64 ± 2 HRC	53 ± 3 HRC	M2 (HSS)
POWDER METAL: ASP 2023	64 ± 2 HRC	53 ± 3 HRC	PM (PM4)
PVD COATING: TiN / TiAlN / TiCN			

120.

d1h6	d2	dh6	d3 + 0,03	k	l1			l + 0,2				
					7	13	19	71	80	100		
0,50 - 0,55	3	2	d+0,03	0.5	●			●	●	●		
0,60 - 0,65					●			●	●	●		
0,70 - 0,75					●			●	●	●		
0,80 - 0,85					●			●	●	●		
0,90 - 0,95					●			●	●	●		
1,00 - 1,10					●			●	●	●		
1,20 - 1,30					●			●	●	●		
1,40 - 1,50					●			●	●	●		
1,60 - 1,70					4,5	3	●			●	●	●
1,80 - 1,90							●			●	●	●
2,00 - 2,10	●							●	●	●		
2,20 - 2,30	●							●	●	●		
2,40 - 2,50	●							●	●	●		
2,60 - 2,70	●							●	●	●		
2,80 - 2,90	●							●	●	●		
2,50 - 3,95	5,5	4					●			●	●	●
3,00 - 4,95	6,5	5						●	●	●	●	
3,50 - 5,95	8	6						●	●	●	●	
4,00 - 7,95	10	8				●	●	●	●			
5,00 - 9,95	12	10			1.0		●	●	●	●		

ORDER EXAMPLE

Punch Code : 120.
Diameter (d=3,0) : 0300.
Length (l=71) : 071.
Diameter (d1=2,1) : 0210.
Length (l1=7) : 07.
Material Code : M2
Order Code : 120.0300.071.0210.07.M2

ORDER EXAMPLE

Punch Code : 120.
Diameter (d=6,0) : 0600.
Length (l=80) : 080.
Diameter (d1=4,0) : 0400.
Length (l1=13) : 13.
Material Code : A2
Order Code : 120.0600.080.0400.13.A2