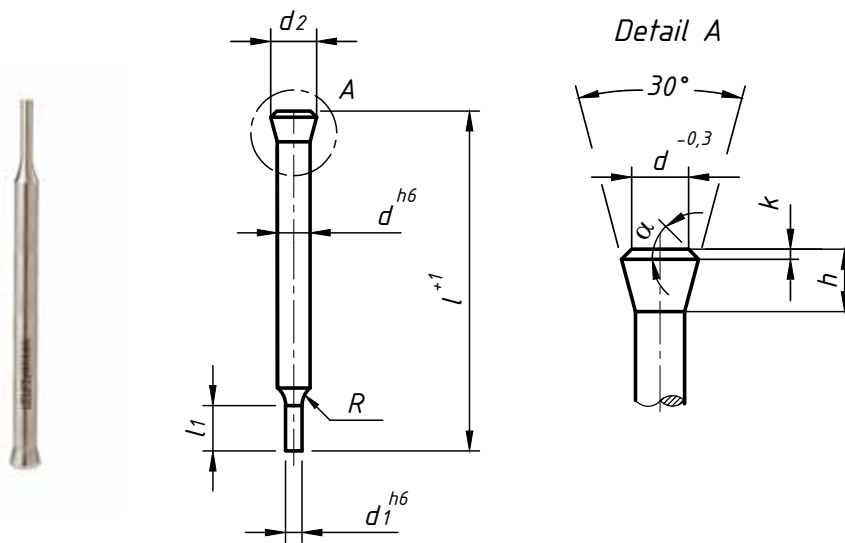


141.



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			

141.

d	d2	d - 0,3	h	k	α	l1			d1	l + 1		
						13	19	25	Min. Max.	80	90	100
5,0	8,55	5,0	7,0	1,0	28,0	●	●		1,60 - 4,95	●	●	●
6,0	9,75	6,0	8,0			●	●		2,40 - 5,95	●	●	●
8,0	12,8	8,0	10,0		23,0	●	●	●	3,20 - 7,95	●	●	●
10,0	15,9	10,0	12,0		20,0		●	●	4,50 - 9,95	●	●	●
13,0	20,2	13,0	15,0	1,5	22,0		●	●	6,00 - 12,95	●	●	●
16,0	24,6	16,0	18,0				●	●	8,00 - 15,95	●	●	●
20,0	30,7	20,0	22,0		25,0		●	●	10,00 - 19,95	●	●	●
25,0	34,4	25,0	21,0				●	●	12,00 - 24,95	●	●	●

ORDER EXAMPLE						ORDER EXAMPLE					
Punch Code : 141.						Punch Code : 141.					
Diameter (d=5,0) : 0500.						Diameter (d=8,0) : 0800.					
Length (l=80) : 080.						Length (l=80) : 080.					
Diameter (d1=2,1) : 0210.						Diameter (d1=4,0) : 0400.					
Length (l1=7) : 13.						Length (l1=19) : 19.					
Material Code : M2						Material Code : A2					
Order Code : 141.0500.080.0210.13.M2						Order Code : 141.0800.080.0400.19.A2					