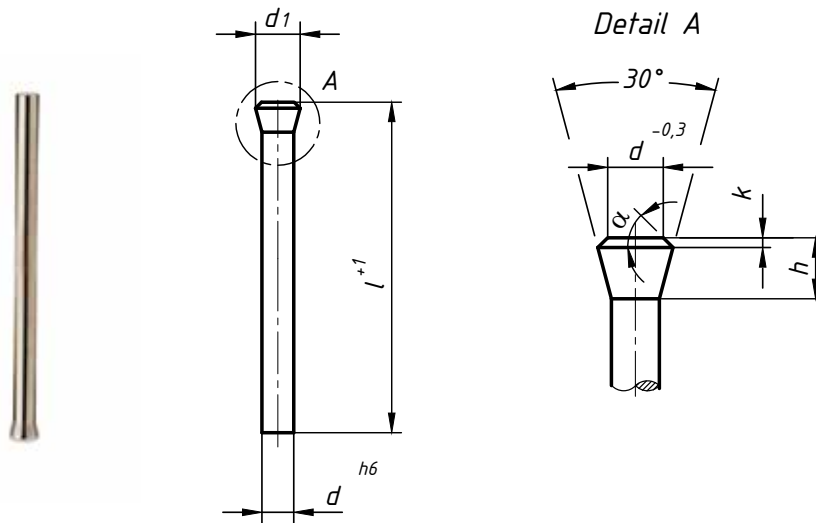


140.



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			

140.									
dh6	d1	d - 0,3	h	k	α	l1 + 1			
						71	80	100	125
5,0 - 5,4	8,55	5,0 - 5,4	7,0	1,0	28,0	●	●	●	
5,5 - 5,9	9,25	5,5 - 5,9	7,5			●	●	●	
6,0 - 6,9	9,8	6,0 - 6,9	8,0			●	●	●	
7,0 - 7,9	11,8	7,0 - 7,9	10,0			●	●	●	
8,0	12,8	8,0	10,0			●	●	●	
8,5	13,9	8,5	11,0	1,5	23,0	●	●	●	
9,0	14,4	9,0	11,0			●	●	●	
10,0	15,9	10,0	12,0			●	●	●	●
11,0	17,5	11,0	13,0			●	●	●	●
12,0	18,7	12,0	14,0			●	●	●	●
13,0	20,2	13,0	15,0	2,0	22,0	●	●	●	●
14,0	21,8	14,0	16,0			●	●	●	●
15,0	23,3	15,0	17,0			●	●	●	●
16,0	24,6	16,0	18,0			●	●	●	●
17,0	26,1	17,0	19,0			●	●	●	●
18,0	27,6	18,0	20,0	2,0	25,0	●	●	●	●
20,0	30,7	20,0	22,0			●	●	●	●

ORDER EXAMPLE					ORDER EXAMPLE				
Punch Code	:	140.	Diameter (d=5,0)	:	0500.	Punch Code	:	140.	
Length (l=71)	:	071.	Material Code	:	M2	Diameter (d=6,0)	:	0600.	
Order Code	:	140.0500.071.M2				Length (l=80)	:	080.	
						Material Code	:	A2	
						Order Code	:	140.0600.080.A2	