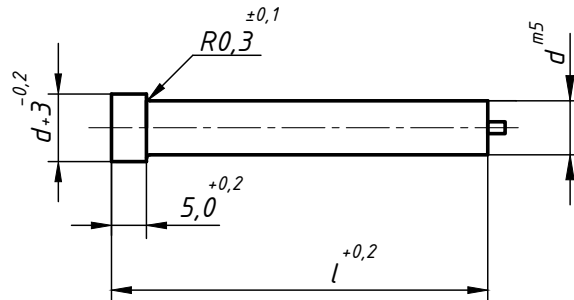


190.



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			

190.

d	l				
	70	71	80	90	100
05	•	•	•	•	•
06	•	•	•	•	•
08	•	•	•	•	•
10	•	•	•	•	•
13	•	•	•	•	•
16	•	•	•	•	•
20	•	•	•	•	•
25	•	•	•	•	•
32	•	•	•	•	•

ORDER EXAMPLE		ORDER EXAMPLE	
Punch Code	: 190.	Punch Code	: 190.
Diameter (d=5,0)	: 0500.	Diameter (d=6,0)	: 0600.
Length (l=80)	: 080.	Length (l=70)	: 070.
Material Code	: M2	Material Code	: A2
Order Code	: 190.0500.080.M2	Order Code	: 190.0600.070.A2