

210.

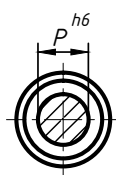
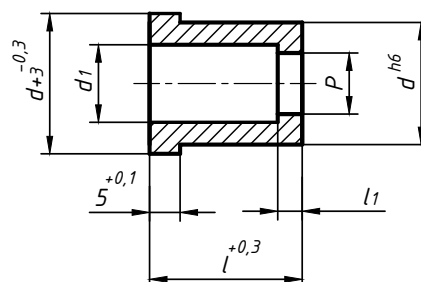
211.

212.

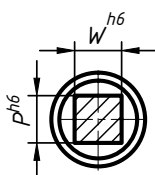
213.

214.

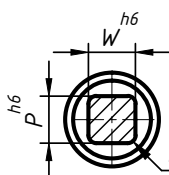
215.



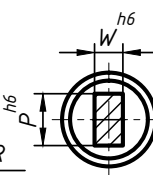
210.



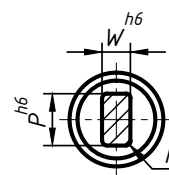
211.



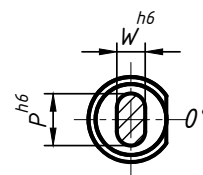
212.



213.



214.



215.

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			

210. 211. 212. 213. 214. 215.

d	l1			l							P		P / W		d1	R
	S	A	B	20	22	25	28	30	32	35	Min. Max.	Min. Max.				
8	4	8		●	●	●	●	●	●	●	1,50 - 3,20	- -	4,0	Different sizes are available upon request.		
10	4	8		●	●	●	●	●	●	●	1,50 - 5,00	1,20 - 5,00	6,0			
13	5	8		●	●	●	●	●	●	●	1,50 - 7,20	2,00 - 7,20	8,0			
16	5	8		●	●	●	●	●	●	●	5,00 - 8,80	2,40 - 8,80	9,5			
20	5	12	20	●	●	●	●	●	●	●	7,00 - 11,00	3,20 - 11,00	12,0			
22	6	12	20	●	●	●	●	●	●	●	9,00 - 14,00	4,00 - 14,00	15,0			
25	6	12	20	●	●	●	●	●	●	●	11,00 - 16,50	4,80 - 16,50	17,5			
32	6	12	20	●	●	●	●	●	●	●	13,00 - 20,00	5,50 - 20,00	21,0			
38	8	12	20	●	●	●	●	●	●	●	16,00 - 26,00	6,40 - 26,00	27,0			
40	8	12	20	●	●	●	●	●	●	●	16,00 - 26,00	6,40 - 26,00	27,0			

ORDER EXAMPLE
ORDER EXAMPLE

Punch Code : 210.
 Diameter (d=10,0) : 1000.
 Length (l=25) : 025.
 Diameter (P=4,0) : 0400.
 Length (l1=4,0) : 4.

Punch Code : 214.
 Diameter (d=13,0) : 1300.
 Length (l=30) : 030.
 Diameter (P=6,0 / W=3,0) : 0600.0300.
 Length (l1=5,0) : 5.
 R (R=2,0) : R2.0.
 Material Code : A2
 Order Code : 214.1300.030.0600.0300.5.R2.0.A2

Material Code : M2
 Order Code : 210.1000.025.0400.4.M2