

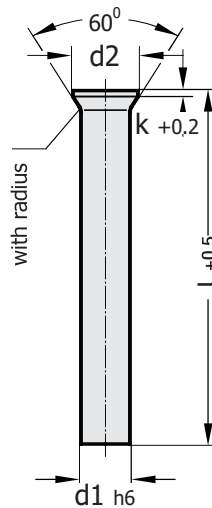
Code: HBZ

DIN 9861 / ISO 6752

d1	l	d2	k
10	71	12	1.0
	80		
	100		
	125		
10.5	71	13	1.0
	80		
	100		
	125		
11	71	14	1.0
	80		
	100		
	125		
11.5	71	14	1.0
	80		
	100		
	125		
12	71	14	1.0
	80		
	100		
	125		
12.5	71	15	1.0
	80		
	100		
	125		
13	71	15	1.0
	80		
	100		
	125		
13.5	71	16	1.5
	80		
	100		
	125		
14	71	16	1.5
	80		
	100		
	125		
14.5	71	17	1.5
	80		
	100		
	125		
15	71	17	1.5
	80		
	100		
	125		
16	71	18	1.5
	80		
	100		
	125		
17	71	19	1.5
	80		
	100		
	125		
18	71	21	1.5
	80		
	100		
	125		
19	71	21	1.5
	80		
	100		
	125		
20	71	22	1.5
	80		
	100		
	125		

d1	l	d2	k
6.6	71	9.0	1.0
	80		
	100		
6.7	71	9.0	1.0
	80		
	100		
6.8	71	9.0	1.0
	80		
	100		
7.0	71	9.0	1.0
	80		
	100		
	125		
7.1	71	9.0	1.0
	80		
	100		
	125		
7.3	71	9.0	1.0
	80		
	100		
7.4	71	10	1.0
	80		
	100		
	125		
7.5	71	10	1.0
	80		
	100		
	125		
7.6	71	10	1.0
	80		
	100		
	125		
7.7	71	10	1.0
	80		
	100		
7.8	71	10	1.0
	80		
	100		
8.0	71	10	1.0
	80		
	100		
	125		
8.1	71	10	1.0
	80		
	100		
8.2	71	10	1.0
	80		
	100		
8.3	71	10	1.0
	80		
	100		
8.4	71	11	1.0
	80		
	100		
	125		
8.5	71	11	1.0
	80		
	100		
	125		
8.6	71	11	1.0
	80		
	100		
8.7	71	11	1.0
	80		
	100		
8.8	71	11	1.0
	80		
	100		
8.9	71	11	1.0
	80		
	100		
9.0	71	11	1.0
	80		
	100		
	125		
9.5	71	12	1.0
	80		
	100		

d1	l	d2	k
4.1	71	5.5	0.5
	80		
	100		
4.2	71	5.5	0.5
	80		
	100		
4.3	71	5.5	0.5
	80		
	100		
4.4	71	6.0	0.5
	80		
	100		
	125		
4.5	71	6.0	0.5
	80		
	100		
	125		
4.6	71	6.0	0.5
	80		
	100		
4.7	71	6.0	0.5
	80		
	100		
4.8	71	6.0	0.5
	80		
	100		
4.9	71	6.5	0.5
	80		
	100		
	125		
5.0	71	6.5	0.5
	80		
	100		
	125		
5.1	71	6.5	0.5
	80		
	100		
	125		
5.2	71	6.5	0.5
	80		
	100		
5.3	71	6.5	0.5
	80		
	100		
5.4	71	7.0	0.5
	80		
	100		
	125		
5.5	71	7.0	0.5
	80		
	100		
	125		
5.6	71	7.0	0.5
	80		
	100		
5.7	71	7.0	0.5
	80		
	100		
5.8	71	7.0	0.5
	80		
	100		
5.9	71	8.0	0.5
	80		
	100		
	125		
6.0	71	8.0	0.5
	80		
	100		
	125		
6.1	71	8.0	0.5
	80		
	100		
6.2	71	8.0	0.5
	80		
	100		
6.3	71	8.0	0.5
	80		
	100		
6.4	71	9.0	1.0
	80		
	100		
	125		
6.5	71	9.0	1.0
	80		
	100		
	125		



Punch as per request:

TIN / TIC Coating

Complete Coating

ASP (powder metal)

Sintered Carbide

Code: HBZ

Conical Head Punch, DIN 9861 / ISO 6752

With our wide range and dimensional products of "GTH Punch and Matrix Sets" from our stocks, we are in top location with our sectoral experience in quality / price formation. In addition, we provide other special requests with the shortest delivery time. Our punches are durable parts in all kinds of dies. Also, full or partial coating can be preferred upon request, by providing resistance against heat and friction on external layer, it solves problems such as winding and cold welding, coating thickness is 2 - 4 microns. For harder work pieces, ASP / PS (powder metal) and for very hard and abrasive work pieces, sintered carbide punches are preferred.

Conical Head Punch - Form D Material: 1.3343 (M2) Completely ground

Heat Treated: (62-64 HRC $\pm$ 2) Head Hardness: (52 $\pm$ 3)Surface: $\geq$ 950 HV 0.3

d1	l	d2	k
3.0	71	4.5	0.5
	80		
	100		
	125		
	160		
3.1	71	4.5	0.5
3.2	80		
	100		
3.3	71	4.5	0.5
	80		
3.4	100		
3.5	71	5.0	0.5
	80		
	100		
	125		
	160		
3.6	71	5.0	0.5
3.7	80		
	100		
3.8	71	5.0	0.5
	80		
3.9	100		
4.0	71	5.5	0.5
	80		
	100		
	125		
	160		