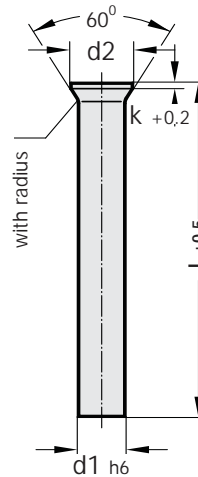


Code: HBZ

DIN 9861 / ISO 6752

d1	l	d2	k	d1	l	d2	k	d1	l	d2	k
10	71	12	1.0	6.6	71	9.0	1.0	4.1	71	5.5	0.5
	80										
	100										
	125										
160	10.5	13	1.0	6.8	71	9.0	1.0	4.3	71	6.0	0.5
80											
100											
125											
160	11	13	1.0	7.0	71	9.0	1.0	4.5	71	6.0	0.5
80											
100											
125											
160	11.5	14	1.0	7.1	71	9.0	1.0	4.6	71	6.0	0.5
80											
100											
125											
160	12	14	1.0	7.2	71	9.0	1.0	4.7	71	6.0	0.5
80											
100											
125											
160	12.5	15	1.0	7.3	71	9.0	1.0	4.8	71	6.0	0.5
80											
100											
125											
160	13	15	1.0	7.4	71	9.0	1.0	4.9	71	6.0	0.5
80											
100											
125											
160	13.5	16	1.5	7.5	71	10	1.0	5.0	71	6.5	0.5
80											
100											
125											
160	14	16	1.5	7.6	71	10	1.0	5.1	71	6.5	0.5
80											
100											
125											
160	14.5	17	1.5	7.7	71	10	1.0	5.2	71	6.5	0.5
80											
100											
125											
160	15	17	1.5	7.8	71	10	1.0	5.3	71	6.5	0.5
80											
100											
125											
160	16	18	1.5	7.9	71	10	1.0	5.4	71	6.5	0.5
80											
100											
125											
160	17	19	1.5	8.0	71	10	1.0	5.5	71	7.0	0.5
80											
100											
125											
160	18	20	1.5	8.1	71	10	1.0	5.6	71	7.0	0.5
80											
100											
125											
160	19	21	1.5	8.2	71	10	1.0	5.7	71	7.0	0.5
80											
100											
125											
160	20	22	1.5	8.3	71	10	1.0	5.8	71	7.0	0.5
80											
100											
125											
160	20	22	1.5	8.4	71	10	1.0	5.9	71	7.0	0.5
80											
100											
125											
160	20	22	1.5	8.5	71	11	1.0	6.0	71	8.0	0.5
80											
100											
125											
160	20	22	1.5	8.6	71	11	1.0	6.1	71	8.0	0.5
80											
100											
125											
160	20	22	1.5	8.7	71	11	1.0	6.2	71	8.0	0.5
80											
100											
125											
160	20	22	1.5	8.8	71	11	1.0	6.3	71	8.0	0.5
80											
100											
125											
160	20	22	1.5	8.9	71	11	1.0	6.4	71	8.0	0.5
80											
100											
125											
160	20	22	1.5	9.0	71	11	1.0	6.5	71	9.0	1.0
80											
100											
125											
160											



Code: HBZ

Punch as per request:

- TIN / TIC Coating
- Complete Coating
- ASP (powder metal)
- Sintered Carbide

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. 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. 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: $\varnothing 12.5= 1.3343$ (HSS) Completely ground
 Heat Treated: (64 HRC ± 2) $\geq \varnothing 12.5= 1.2379$ (HWS) Completely ground
 Surface: ≥ 950 HV 0.3 Head Hardness: (52 ± 3 HRC)

d1	l	d2	k	d1	l	d2	k	d1	l	d2	k
3.0	71	4.5	0.5	1.8	71	2.8	0.5	0.5	71	0.9	0.2
	80										
	100										
3.1	71	4.5	0.5	1.9	71	3.0	0.5	0.6	71	1.1	0.2
	80										
	100										
3.2	71	4.5	0.5	2.0	71	3.0	0.5	0.7	71	1.3	0.2
	80										
	100										
3.3	71	4.5	0.5	2.1	71	3.2	0.5	0.8	71	1.4	0.4
	80										
	100										
3.4	71	4.5	0.5	2.2	71	3.2	0.5	0.9	71	1.6	0.4
	80										
	100										
3.5	71	5.0	0.5	2.3	71	3.5	0.5	1.0	71	1.8	0.5
	80										
	100										
3.6	71	5.0	0.5	2.4	71	3.5	0.5	1.1	71	2.0	0.5
	80										
	100										
3.7	71	5.0	0.5	2.5	71	3.5	0.5	1.2	71	2.2	0.5
	80										
	100										
3.8	71	5.0	0.5	2.6	71	4.0	0.5	1.3	71	2.5	0.5
	80										
	100										
3.9	71	5.0	0.5	2.7	71	4.0	0.5	1.4	71	2.2	0.5
	80										
	100										
4.0	71	5.5	0.5	2.8	71	4.0	0.5	1.5	71	2.5	0.5
	80										
	100										



Order: HBZ. d1 x l

Order Example:
HBZ. 6 x 100