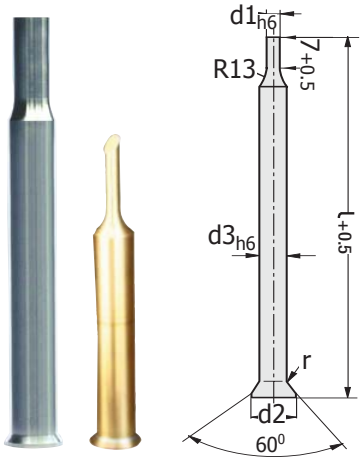


Conical Head Punches - Stepped

DIN 9861 Form C

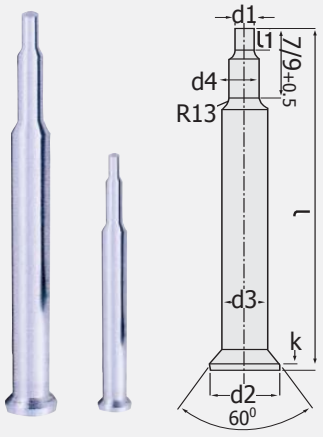
Code: HKZ

According to DIN 9861 norm, there is limitation for body and cutting diameter. In this norm, while body diameter for conical head stepped punch is max. 3 mm, cutting diameter can be max. 2.95 mm.

Material: 1.3343 (M2) **Hardness: 62 - 64 HRC**

d1	l	d3	d2	r
0.8	71	2 mm	3 mm	0.4
	80			
1.0	71			
	80			
1.2	71			
	80			
1.5	71	2.5 mm		
	80			
1.6	71			
	80			
1.8	71			
	80			
1.0	71	3 mm	4.5 mm	0.6
	80			
1.5	71			
	80			
1.8	71			
	80			
2.2	71			
	80			
2.3	71			
	80			
2.6	71			
	80			
2.8	71			
	80			

Order: **HKZ.** d3 x d1 x l



Conical Head Punches - Stepped

DIN 9861 Form E

Code: H2K

It is preferred for thin work pieces and light duty works. As per request, our punch production is available in the desired material and dimensions and also in shapes.

Material: 1.3343 (M2) **Hardness: 62 - 64 HRC**

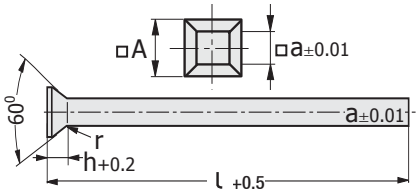
d1	d4	d3	d2	l	l1
1.0	1.4	Ø 3.0	4.5 mm	71 80 100	2 mm
1.2	1.6				
1.5	1.8				
1.7	2.1				
2.2	2.6				
2.5	2.8				
1.6	2.2	Ø 4.0	5.5 mm	71 80 100	2.5 mm
1.8	2.3				
2.3	2.8				
2.6	3.0				
3.0	3.5				
3.2	3.7				
2.4	3.0	Ø 5.0	6.5 mm	71 80 100	3 mm
2.8	3.5				
3.2	4.0				
3.6	4.2				
4.2	4.6				
4.5	4.8				
2.5	3.2	Ø 6.0	8 mm	71 80 100	3 mm
3.0	3.8				
3.5	4.2				
4.0	4.8				
4.5	5.3				
5.0	5.5				
5.5	5.8				

Order: **H2K.** d1 x d4 x d3 x l x l1

Square Head Punch, Slot - Shaped

Slot - Form DA (forged head)

Code: HFK



a	l	□A	h
1.0	71	1.8	1.2
2.0		3.0	1.4
3.0		4.5	1.8
4.0		5.5	1.8
5.0		6.5	1.8
6.0		8.0	2.2

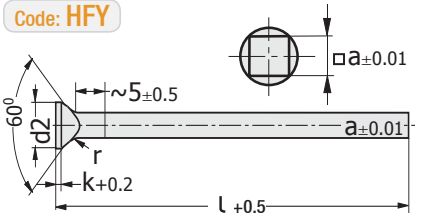
a	l	□A	h
7.0	71	9.0	2.8
8.0		10.0	
9.0		11.0	
10.0		12.0	
12.0		14.0	

Order: **HFK.** a x l

Material: 1.3343 (M2)
Hardness: 62 - 64 HRC

Conical Head Punch - Shaped

Code: HFY



a	l	d2	k
1.0	71	1.8	0.5
2.0		3.0	
3.0		4.5	
4.0		6.0	
5.0		7.5	
6.0		9.0	

a	l	d2	k
7.0	71	10.5	1.0
8.0		12.0	
9.0		13.5	
10.0		15.0	
12.0		18.0	

Excluding product types in tables, our production such as headless and different slot types, also punches as per request are available.

Order: **HFY.** a x l

Material: 1.3343 (M2)
Hardness: 62 - 64 HRC