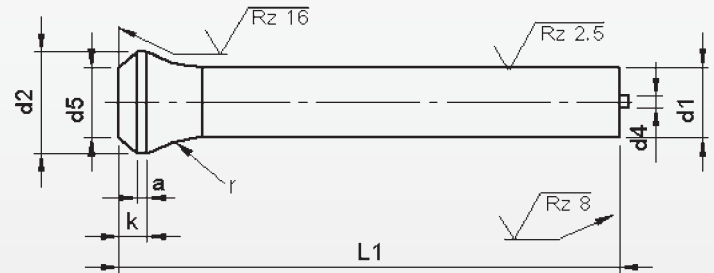
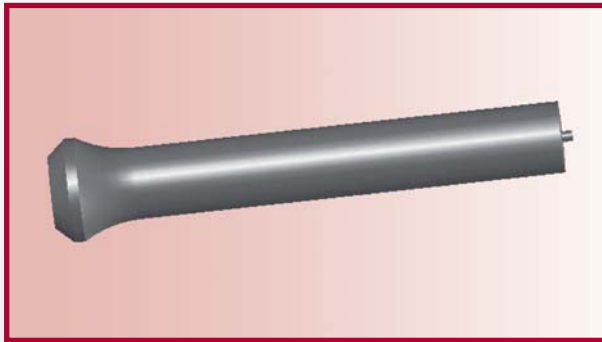


Punches with bottle neck type EP

With ejector



Material: HSS (1.3343)

Hardness: Shaft: 64 ±2 HRC

Head: 50 ±5 HRC

d ₁	d ₂	k	a	d ₅	r	d ₄	l ₁				
							71	80	90	100	120
h6	0 -0.2	+0.2 0					Price by piece in EUROS				
15	19.0	4.0	1.5	d1 ± 0.1	15.0	2,3	26,60	27,20	30,20	32,15	36,60
15.5	20.0						25,15	25,80	28,90	30,90	35,50
16	20.0						25,75	27,55	29,50	31,65	36,35
16.5	21.0						26,20	28,05	30,05	32,24	37,10
17	21.0						26,65	28,55	30,60	32,85	37,85
17.5	22.0						27,10	29,05	31,15	33,45	38,60
18	22.0						27,55	29,55	31,70	34,05	39,35
18.5	23.0						28,00	30,05	32,24	34,65	40,10
19	23.0						28,45	30,55	32,80	35,25	40,85
19.5	25.0						28,90	31,05	33,35	35,85	41,60
20	25.0	29,50	31,65	34,00	36,60	42,35					

Intermediate diameters, other lengths and special materials e.g. ASP, CPM and Vanadis, are available on request.

Extra charges and discounts:

- 1 Pieces per dimension + 50%
- 2-3 Pieces per dimension + 25%
- 25 Pieces per dimension - 5%
- 50 Pieces per dimension - 7%
- 100 Pieces per dimension - 10%