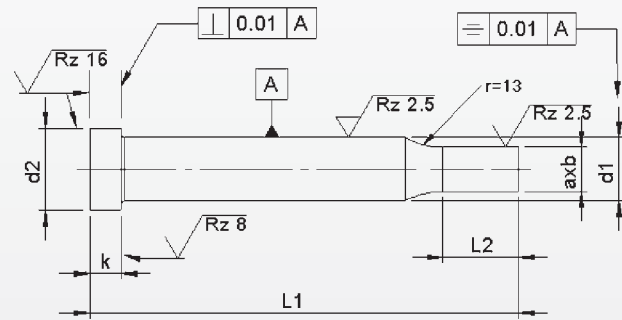
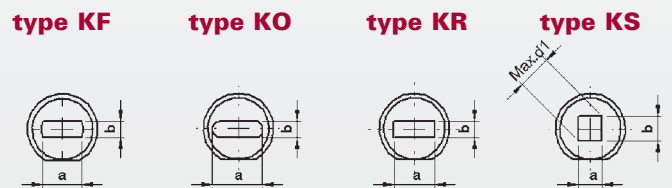


# Punches ISO 8020 / type K..

With reduced shaft 'Form'



**Material:** HSS (1.3343)  
**Hardness:** Shaft: 64 ±2 HRC  
 Head: 50 ±5 HRC



d <sub>1</sub>	a x b		l <sub>2</sub>	l <sub>1</sub> <sup>+0.5</sup> / <sub>+0.2</sub>					Locking flat
	b	a		63/71	80	90	100	120	
m5	≥	≤	<sup>+0.5</sup> / <sub>+0.0</sub>	Price by piece in EUROS					
3	1.6	– 2.9	7	21,50	22,10	22,70	23,40		3,95
4	1.6	– 3.9	10	21,50	22,10	22,70	23,40		3,95
5	2.5	– 4.9	10	21,50	22,10	22,70	23,40	24,95	3,95
6	3.0	– 5.9	10	22,35	23,05	23,75	24,55	26,30	3,95
8	4.0	– 7.9	13	28,80	29,60	30,45	31,40	33,50	5,25
10	5.0	– 9.9	17	30,15	31,05	32,05	33,15	35,60	5,25
13	9.0	– 12.9	17	32,55	33,70	34,95	36,35	39,40	5,25
16	12.0	– 15.9	17	35,20	36,60	38,20	39,90	43,70	5,25
20	16.0	– 19.9	17	48,75	50,45	52,35	54,40	59,05	7,90
25	20.0	– 24.9	17	58,15	60,30	62,65	65,25	71,00	9,20
32	27.0	– 31.9	17	70,35	73,20	76,30	79,75	85,35	10,50
38	33.0	– 37.9	17	76,95	80,45	84,30	88,50	98,00	10,50

**Punches with key-flat against surcharge.**

Without detailed specification the key-flat is parallel to the major axis of surface a.

Intermediate diameters, other lengths and special materials e.g. ASP, CPM and Vanadis, are available on request. See page 2 for extra charges and discount.

**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%