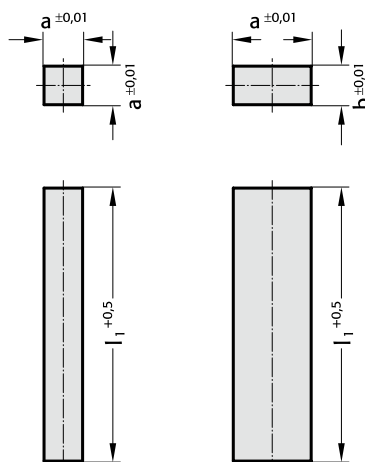


PUNCH WITHOUT HEAD, SQUARE / RECTANGULAR, SHAPE A



230.



230. Punch without head, square / rectangular, Shape A

a	b	l ₁	l*
1 - 8	1	73.5	71
2 - 10	2	73.5	71
3 - 12	3	73.5	71
4 - 12	4	73.5	71
5 - 15	5	73.5	71
6 - 20	6	73.5	71
7 - 24	7	73.5	71
8 - 24	8	73.5	71
9 - 28	9	73.5	71
10 - 34	10	73.5	71
12 - 34	12	73.5	71

*l = Nominal ordering length

Material:

HSS

Order No 230.3.

Hardness:

Shaft 64 ± 2 HRC

☞ Description of FIBRO materials for tool and die components see at the beginning of Chapter E.

Execution:

Punch shaft precision ground.

l₁: Stock length of square punches: 73,5 mm

Other materials and dimensions on request.

Ordering Code (example):

Punch without head, square / rectangular, Shape A	=	230.
Material MAT	HSS	= 3.
Cutting length a	6 mm	= 0600.
Cutting width b	6 mm	= 0600.
Nominal order length l	71	= 071
Order No	=	230. 3.0600. 0600. 071