

INTERNATIONAL STANDARD



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Parallel shanks for milling cutters — Dimensional characteristics of plain parallel and flatted parallel shanks

Queues cylindriques d'outils à fraiser — Caractéristiques dimensionnelles des queues cylindriques lisses et cylindriques à méplat

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3 DIMENSIONAL CHARACTERISTICS

3.1 Plain parallel shanks

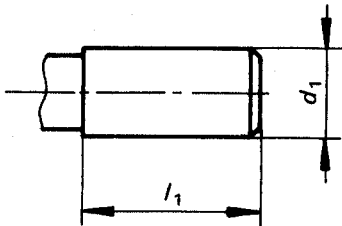


FIGURE 1

TABLE 1
Dimensions in millimetres

d_1 h8	4,0	5,0	6,3	8,0	10,0	12,5	16,0	20,0	25,0	31,5	40,0	50,0	63,0
$l_1 \pm 1$	28			32	40	45	48	50	56	60	70	80	90

3.2 Flatted parallel shanks

— shanks with single flat for diameters d_1 from 6,3 to 20 mm

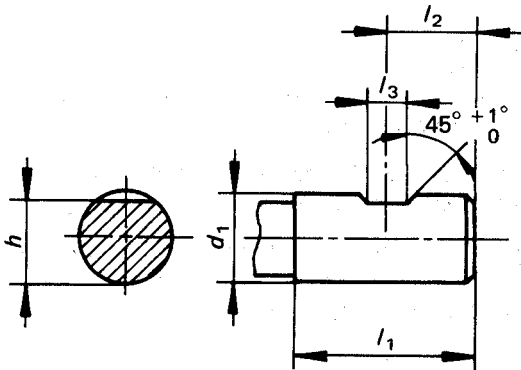


FIGURE 2

— shanks with double flat for diameters d_1 from 25 to 63 mm

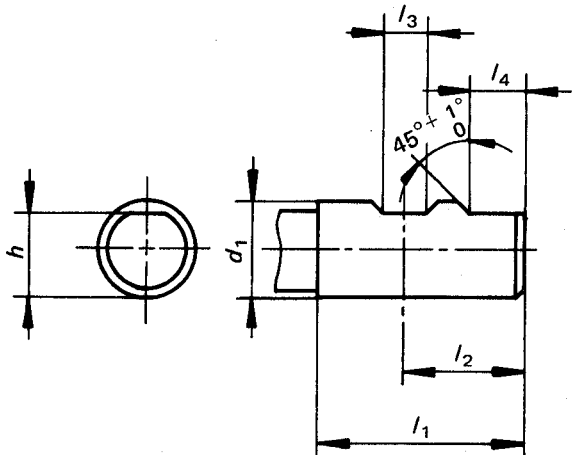


FIGURE 3

TABLE 2
Dimensions in millimetres

d_1	l_1	l_2	l_3	l_4	h
h6	± 1	$\pm 0,5$	$+0,05$ 0	$+1$ 0	0 -0,4
6,3	28	14,0	4,2		5,1
8,0	32	16,0	5,5		6,6
10,0	40	20,0	7,0		8,4
12,5	45	22,5	8,0		10,9
16,0	48	24,0	10,0		14,2
20,0	50	25,0	11,0		18,2
25,0	56	32,0	12,0	17,0	23,0
31,5	60	36,0	14,0	19,0	29,5
40,0	70	40,0			38,0
50,0	80	45,0	18,0	23,0	47,8
63,0	90	50,0			60,8