

# Butler Fasteners

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## TAPER PINS

The standard range of plain taper pins we supply is made to DIN 1B, and we also offer extractable taper pins to DIN 7977 and 7978. In the DIN standards, the nominal diameter is always the small end and the taper is 2% (1 in 50). We can also supply to other metric standards, inch sizes or completely non-standard dimensions.



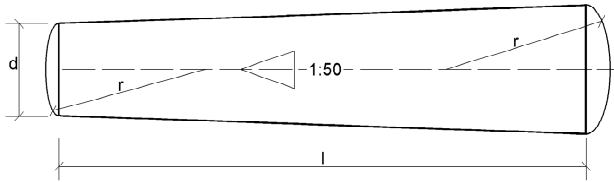
## MATERIALS:

Mild Steel  
Stainless Steel Grade 303  
Stainless Steel Grade 316

## SPECIAL TAPER PINS:

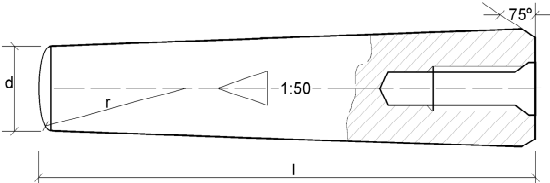
Non-standard Diameters up to 20mm maximum  
Non-standard Taper Angles  
Ground Finish  
Lengths up to 190mm  
Other Materials  
Split Taper Pins

# SIZE RANGE – TAPER PINS TO DIN 1B



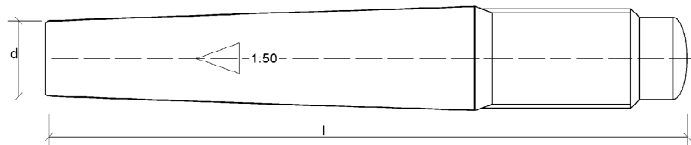
Nominal Diameter (dimension 'd'), <b>DIN 1B</b>	1.5	2	2.5	3	4	5	6	8	10	12	14	16	20
Dimension 'C'	0.23	0.3	0.4	0.45	0.6	0.75	0.9	1.0	1.2	1.6	1.6	2.0	2.5
Lengths													
6													
8													
10													
12													
14													
16													
18													
20													
22													
24													
26													
28													
30													
32													
36													
40													
45													
50													
55													
60													
65													
70													
80													
90													
100													
110													
120													
130													
140													
150													
Length Tolerances to js 15													

# SIZE RANGE – EXTRACTABLE TAPER PINS



## DIN 7978 (ISO 8736) – FEMALE THREAD

Nominal Diameter 'd', <b>DIN 7978</b>	6	8	10	12	14	16	20
Thread Size	M4	M5	M6	M8	M8	M10	M12
Lengths							
16							
18							
20							
24							
26							
28							
30							
32							
36							
40							
45							
50							
55							
60							
70							
90							
100							
110							
120							
Length Tolerances to js 15							



## DIN 7977 – MALE THREAD

Nominal Diameter 'd', <b>DIN 7977</b>	5	6	8	10	12	16
Thread Size	M5	M6	M8	M10	M12	M16
Lengths						
40						
45						
50						
55						
60						
65						
70						
75						
80						
85						
90						
95						
100						
110						
120						
130						
140						
150						
160						
Length Tolerances to js 15						