



# REAMING & COUNTERSINKING

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## High speed steel reamers

### Hand taper reamers

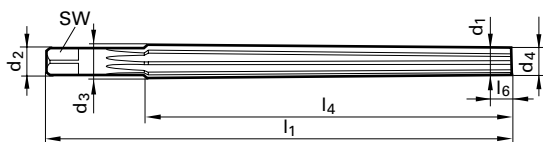
### DIN 9

#### Catalog no. 72730



For all ferrous and non-ferrous metals, for hard and soft plastics. For small batch productions and repairs. For reaming of holes to suit taper pins (DIN 1, 258, 7977 and 7978). Pre-drilling: cylindrical.

Tool material	<b>HSS</b>
Surface	bright
Type	taper 1:50
Form	A
Cutting direction	right-hand
Tolerance on Ø	
Flutes	straight



Catalog no.	72730
Tool material	<b>HSS</b>
Discount group	105
Surface	bright
Form	A

d1	d2	d3	d4	SW	l1	l4	l6	Z	price per piece
mm	mm	mm	mm		mm	mm	mm		
1.000	3.150	1.460	0.900	2.40	46.00	28.00	5.00	3	●
1.200	3.150	1.740	1.100	2.40	50.00	32.00	5.00	3	●
2.000	3.150	2.860	1.900	2.40	68.00	48.00	5.00	3	●
3.000	4.000	4.060	2.900	3.00	80.00	58.00	5.00	5	●
4.000	5.000	5.260	3.900	3.80	93.00	68.00	5.00	5	●
5.000	6.300	6.360	4.900	4.90	100.00	73.00	5.00	5	●
6.000	8.000	8.000	5.900	6.20	135.00	105.00	5.00	6	●
8.000	10.000	10.800	7.900	8.00	180.00	145.00	5.00	6	●
10.000	12.500	13.400	9.900	10.00	215.00	175.00	5.00	6	●
12.000	14.000	16.000	11.800	11.00	255.00	210.00	10.00	8	●
16.000	18.000	20.400	15.800	14.50	280.00	230.00	10.00	8	●

## High speed steel reamers

### Hand reamers

#### Catalog no. 72600



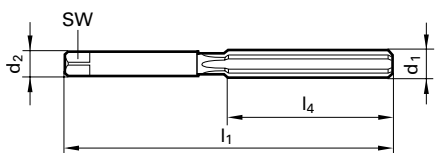
Long taper lead, appr. 1/3 of cutting length tapered.

For all ferrous and non-ferrous metals, for hard and soft plastics. For small batch productions and repairs. Due to long lead not suitable for blind holes. For interrupted holes and similar, we recommend catalogue no. 72610.

### DIN 206

Tool material	HSS
Surface	bright
<i>Type</i>	
Form	A
Cutting direction	right-hand
Tolerance on Ø	H7
Flutes	straight

## Hand reamers



Catalog no.	72600
Tool material	HSS
Discount group	105
Surface	bright
Form	A

d1	d2	SW	l1	l4	Z	price per piece
mm	mm		mm	mm		
2.500	2.500	2.10	58.00	29.00	4	○
3.000	3.000	2.40	62.00	32.50	6	○
4.000	4.000	3.00	76.00	38.00	6	○
4.500	4.500	3.40	81.00	41.00	6	○
5.000	5.000	3.80	87.00	44.00	6	○
5.500	5.500	4.30	93.00	47.00	6	○
6.000	6.000	4.90	93.00	47.00	6	○
8.000	8.000	6.20	115.00	58.00	6	○
9.000	9.000	7.00	124.00	62.00	6	○
10.000	10.000	8.00	133.00	66.00	6	○
11.000	11.000	9.00	142.00	71.00	6	○
12.000	12.000	9.00	152.00	76.00	6	○
13.000	13.000	10.00	152.00	76.00	6	○
14.000	14.000	11.00	163.00	81.00	6	○
15.000	15.000	12.00	163.00	81.00	8	○
16.000	16.000	12.00	175.00	87.00	8	○
17.000	17.000	13.00	175.00	87.00	8	○
18.000	18.000	14.50	188.00	93.00	6	○
19.000	19.000	14.50	188.00	93.00	8	○
20.000	20.000	16.00	201.00	100.00	8	○
24.000	24.000	18.00	231.00	115.00	8	○
25.000	25.000	20.00	231.00	115.00	8	○
28.000	28.000	22.00	247.00	124.00	10	○

## High speed steel reamers

### Hand reamers

#### Catalog no. 72610



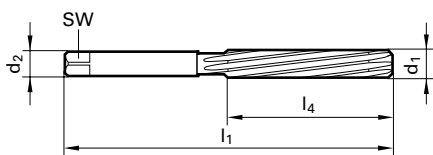
Long taper lead, approx. 1/3 of cutting length tapered.

For all ferrous and non-ferrous metals, for hard and soft plastics. For small batch productions and repairs. For interrupted hole e.g. split workpieces, hole interruptions, intersecting holes and similar. The feed rate is higher than that of the straight-fluted reamer, which generally improves the reaming results. Due to long taper lead not suitable for blind holes.

### DIN 206

Tool material	HSS
Surface	bright
<i>Type</i>	
Form	B
Cutting direction	right-hand
Tolerance on Ø	H7
Flutes	7° LH spiral

## Hand reamers



Catalog no.	72610
Tool material	HSS
Discount group	105
Surface	bright
Form	B

d1	d2	SW	l1	l4	Z	price per piece
mm	mm		mm	mm		
2.000	2.000	1.60	50.00	25.00	4	●
2.800	2.800	2.10	62.00	32.50	6	○
3.000	3.000	2.40	62.00	32.50	6	●
4.000	4.000	3.00	76.00	38.00	6	●
4.500	4.500	3.40	81.00	41.00	6	○
5.000	5.000	3.80	87.00	44.00	6	●
6.000	6.000	4.90	93.00	47.00	6	●
7.000	7.000	5.50	107.00	54.00	6	●
8.000	8.000	6.20	115.00	58.00	6	●
9.000	9.000	7.00	124.00	62.00	6	●
10.000	10.000	8.00	133.00	66.00	6	●
12.000	12.000	9.00	152.00	76.00	6	●
13.000	13.000	10.00	152.00	76.00	6	○
14.000	14.000	11.00	163.00	81.00	8	●
15.000	15.000	12.00	163.00	81.00	8	●
16.000	16.000	12.00	175.00	87.00	8	●
18.000	18.000	14.50	188.00	93.00	8	●
19.000	19.000	14.50	188.00	93.00	6	○
20.000	20.000	16.00	201.00	100.00	8	●
22.000	22.000	18.00	215.00	107.00	8	●
25.000	25.000	20.00	231.00	115.00	8	●