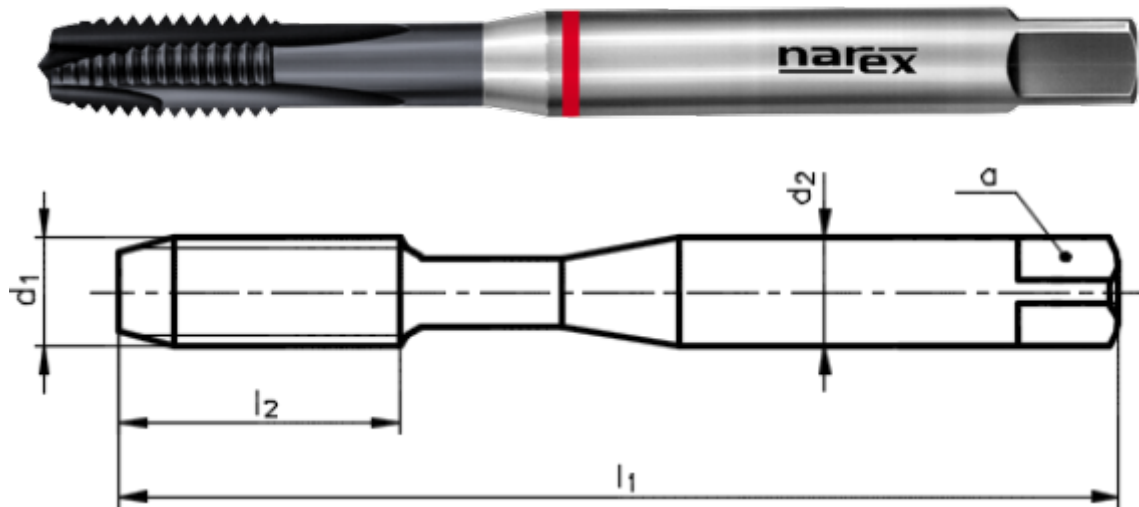


# Machine tap with straight flutes and spiral point

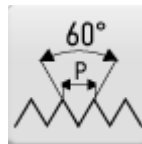


## CATALOGUE NUMBER: 1580

Machine tap with straight flutes and spiral point, metric, DIN 371, TiCN coated, suitable for case hardened and nitriding steels, heat-treated steels, tool steels, spheroidal and malleable cast iron.



**THREAD M**  
ISO Metric coarse thread



**PROFILE SKETCH**  
60°



**THREAD STANDARD**  
DIN13



**TYPE H**  
Tap for steels up to 1100 N/mm<sup>2</sup>



**TAP MATERIAL**  
Vanadium extra high speed steel HSSE V3



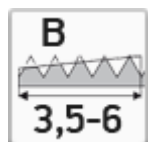
**COATING**  
Titanium carbonitridenitride coating



**TAP STANDARD**  
DIN 371



**THREAD TOLERANCE**  
ISO 2 - 6H



**CHAMFER B**  
Length 3,5-6 pitch



**HOLE TYPE**  
Through hole (thread length  $L > 1,5 \times d_1$ )

# Select product model

ID	D1	P	Tolerance	I1	I2	d2	a	Price excl. VAT	Price incl. VAT
041538066030000	M3	0,5	6H	56	9	3,5	2,7	15.15 EUR	18.33 EUR
041538066040000	M4	0,7	6H	63	12	4,5	3,4	15.30 EUR	18.51 EUR
041538066050000	M5	0,8	6H	70	13	6	4,9	15.95 EUR	19.30 EUR
041538066060000	M6	1	6H	80	15	6	4,9	16.00 EUR	19.36 EUR
041538066080000	M8	1,25	6H	90	18	8	6,2	18.60 EUR	22.51 EUR
041538066100000	M10	1,5	6H	100	20	10	8	21.70 EUR	26.26 EUR

## Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Case hardened steels and nitriding steels up to 1100 N/mm <sup>2</sup>	through hole (thread length $L < 1,5d_1$ )	4-8	Cutting Oil/Emulsion	Recommended use
Case hardened steels and nitriding steels up to 1100 N/mm <sup>2</sup>	through hole (thread length $L > 1,5d_1$ )	4-8	Cutting Oil/Emulsion	Recommended use
Heat-treated steels up to 1100 N/mm <sup>2</sup>	through hole (thread length $L > 1,5d_1$ )	4-8	Cutting Oil/Emulsion	Recommended use
Heat-treated steels up to 1100 N/mm <sup>2</sup>	through hole (thread length $L < 1,5d_1$ )	4-8	Cutting Oil/Emulsion	Recommended use
Spheroidal graphite cast iron and malleable cast iron	through hole (thread length $L > 1,5d_1$ )	7-10	Emulsion	Possible use
Spheroidal graphite cast iron and malleable cast iron	through hole (thread length $L < 1,5d_1$ )	7-10	Emulsion	Possible use
Spheroidal graphite cast iron and malleable cast iron	blind hole (thread length $< 1,5d_1$ , pilot drilling depth $\geq L+d_1$ )	7-10	Emulsion	Possible use
Tool steels up to 1100 N/mm <sup>2</sup>	through hole (thread length $L > 1,5d_1$ )	4-8	Cutting Oil/Emulsion	Recommended use

<b>MACHINED MATERIAL</b>	<b>HOLE TYPE</b>	<b>CUTTING SPEED</b>	<b>LUBRICATION</b>	<b>USE</b>
Tool steels up to 1100 N/mm <sup>2</sup>	through hole (thread length L < 1,5xd1)	4-8	Cutting Oil/Emulsion	Recommended use

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