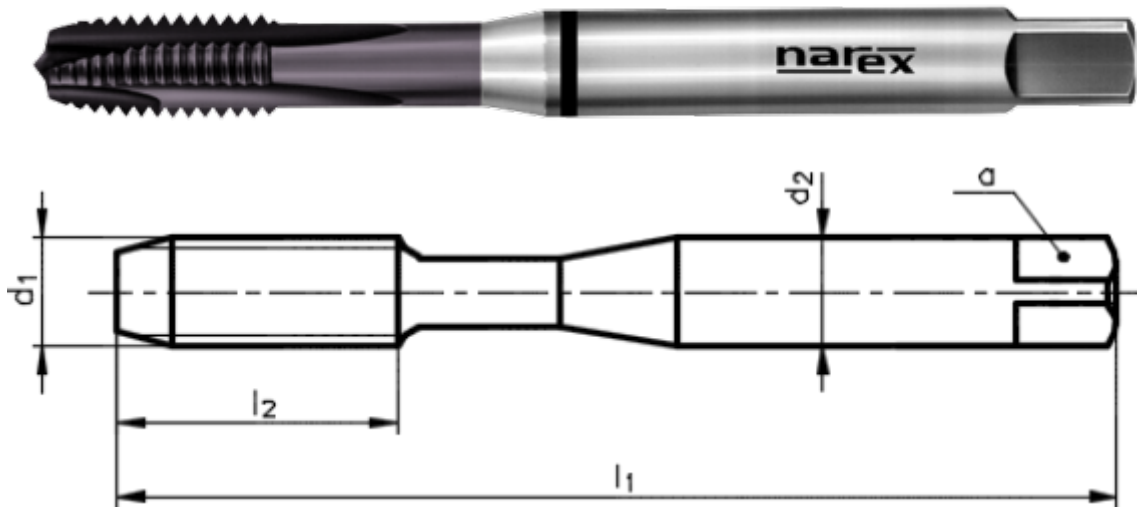


# Machine tap with straight flutes and spiral point

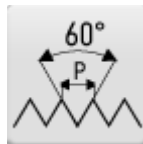


## CATALOGUE NUMBER: 1920

Machine tap with straight flutes and spiral point, metric, DIN 371, Futura Nano Top coated, suitable for high-alloyed and heat treated steels.



**THREAD M**  
ISO Metric coarse thread



**PROFILE SKETCH**  
60°



**THREAD STANDARD**  
DIN13



**TYPE H**  
Tap for steels up to 1400 N/mm<sup>2</sup>



**TAP MATERIAL**  
Powder high speed steel



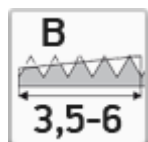
**COATING**  
Balinit® Futura Nano Top coating (titanium aluminiumnitride)



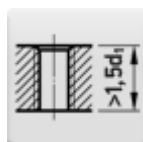
**TAP STANDARD**  
DIN 371



**THREAD TOLERANCE**  
ISO 2 - 6H



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



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

# Select product model

ID	D1	P	Tolerance	I1	I2	d2	a	Price excl. VAT	Price incl. VAT
041536078030000	M3	0,5	6H	56	9	3,5	2,7	19.75 EUR	23.90 EUR
041536078040000	M4	0,7	6H	63	12	4,5	3,4	20.20 EUR	24.44 EUR
041536078050000	M5	0,8	6H	70	13	6	4,9	21.30 EUR	25.77 EUR
041536078060000	M6	1	6H	80	15	6	4,9	21.30 EUR	25.77 EUR
041536078080000	M8	1,25	6H	90	18	8	6,2	24.65 EUR	29.83 EUR
041536078100000	M10	1,5	6H	100	20	10	8	29.40 EUR	35.57 EUR

## Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Heat-treated steels up to 1400 N/mm <sup>2</sup>	through hole (thread length L > 1,5xd1)	4-8	Cutting oil for high resistance steels	Recommended use
Heat-treated steels up to 1400 N/mm <sup>2</sup>	through hole (thread length L < 1,5xd1)	4-8	Cutting oil for high resistance steels	Recommended use
High-alloyed steels up to 1400 N/mm <sup>2</sup>	through hole (thread length L > 1,5xd1)	3-6	Cutting oil for high resistance steels	Possible use
High-alloyed steels up to 1400 N/mm <sup>2</sup>	through hole (thread length L < 1,5xd1)	3-6	Cutting oil for high resistance steels	Possible use

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