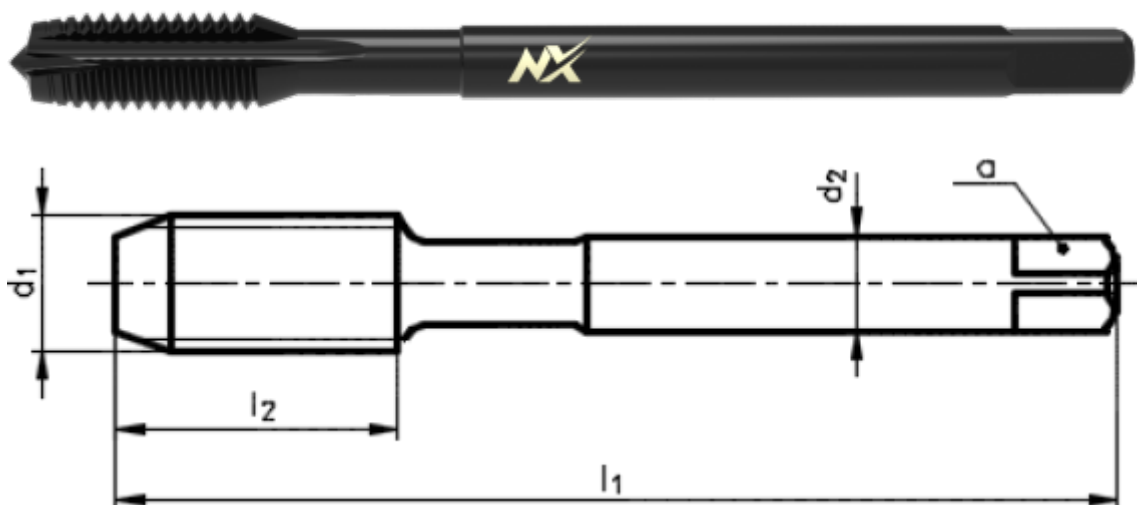


# Machine tap with straight flute and chip breaker

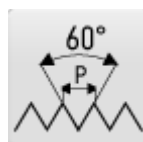


## CATALOGUE NUMBER: 3540NX

High precision machine tap, metric, with straight flute and gun nose, DIN 376, steam oxidized, suitable for construction steels, cast steels, free cutting steels, structural steels, aluminium alloys Si<10%.



**THREAD M**  
ISO Metric coarse thread



**PROFILE SKETCH**  
60°



**THREAD STANDARD**  
DIN13



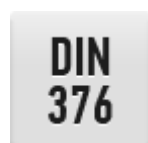
**TYPE N**  
Tap for steels up to 800 N/mm2



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



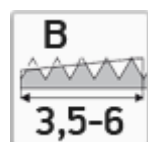
**COATING**  
Oxidation



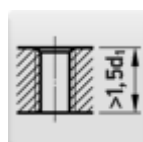
**TAP STANDARD**  
DIN 376



**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	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
042037252120000	M12	1,75	6H	110	28	9	7	43.95 EUR	53.18 EUR
042037252140000	M14	2	6H	110	30	11	9	54.50 EUR	65.95 EUR
042037252160000	M16	2	6H	110	32	12	9	62.10 EUR	75.14 EUR
042037252180000	M18	2,5	6H	125	34	14	11	87.50 EUR	105.88 EUR
042037252200000	M20	2,5	6H	140	34	16	12	92.55 EUR	111.99 EUR

## Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content < 10%	through hole (thread length L < 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content < 10%	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content > 10%	through hole (thread length L < 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content > 10%	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Free cutting steels up to 800 N/mm2	through hole (thread length L < 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Free cutting steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 500 N/mm2	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 500 N/mm2	through hole (thread length L < 1,5xd1)	12-15	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 800 N/mm2	through hole (thread length L < 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use

<b>MACHINED MATERIAL</b>	<b>HOLE TYPE</b>	<b>CUTTING SPEED</b>	<b>LUBRICATION</b>	<b>USE</b>
Plain cast steels up to 800 N/mm <sup>2</sup>	through hole (thread length L > 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm <sup>2</sup>	through hole (thread length L > 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm <sup>2</sup>	through hole (thread length L < 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Structural steels up to 500 N/mm <sup>2</sup>	through hole (thread length L > 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Structural steels up to 500 N/mm <sup>2</sup>	through hole (thread length L < 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Unalloyed aluminium	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Unalloyed aluminium	through hole (thread length L < 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use

**NAREX Ždánice, spol. s r.o.**

Městečko 250  
696 32 Ždánice, Česká republika

Tel.: +420 518 607 111  
Fax: +420 518 607 153  
E-mail: [sales@narexzd.cz](mailto:sales@narexzd.cz)  
Web: [www.narexzd.cz](http://www.narexzd.cz)