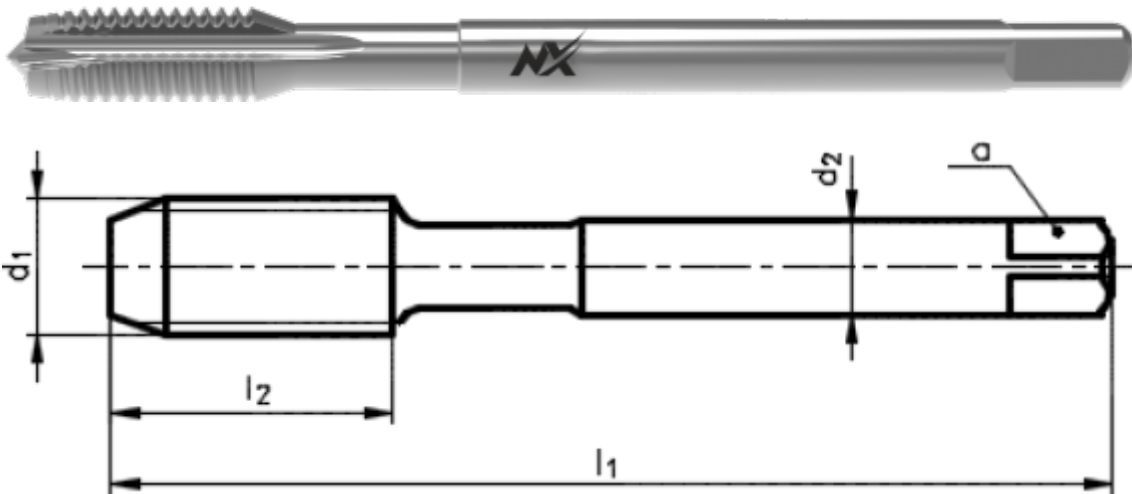


Machine tap with straight flutes and spiral point

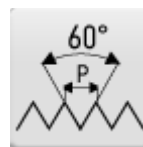


CATALOGUE NUMBER: 3500NX

High precision machine tap, metric, with straight flute and gun nose, DIN 376, suitable for structural steels, plain cast steels, free cutting steels, short chipping copper alloys, spheroidal and malleable cast iron, aluminium alloys Si<10 %.



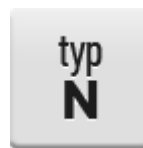
THREAD M
ISO Metric coarse thread



PROFILE SKETCH
60°



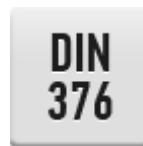
THREAD STANDARD
DIN13



TYPE N
Tap for steels up to 800 N/mm2



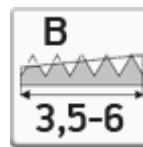
TAP MATERIAL
Vanadium extra high speed steel HSSE V3



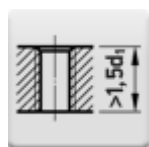
TAP STANDARD
DIN 376



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
042031252120000	M12	1,75	6H	110	28	9	7	41.40 EUR	50.09 EUR
042031252140000	M14	2	6H	110	30	11	9	51.55 EUR	62.38 EUR
042031252160000	M16	2	6H	110	32	12	9	58.75 EUR	71.09 EUR
042031252180000	M18	2,5	6H	125	34	14	11	82.40 EUR	99.70 EUR
042031252200000	M20	2,5	6H	140	34	16	12	87.50 EUR	105.88 EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content < 10%	through hole (thread length L < 1,5xd1)	10-15	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content < 10%	through hole (thread length L > 1,5xd1)	10-15	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content > 10%	through hole (thread length L < 1,5xd1)	10-15	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content > 10%	through hole (thread length L > 1,5xd1)	10-15	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

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

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