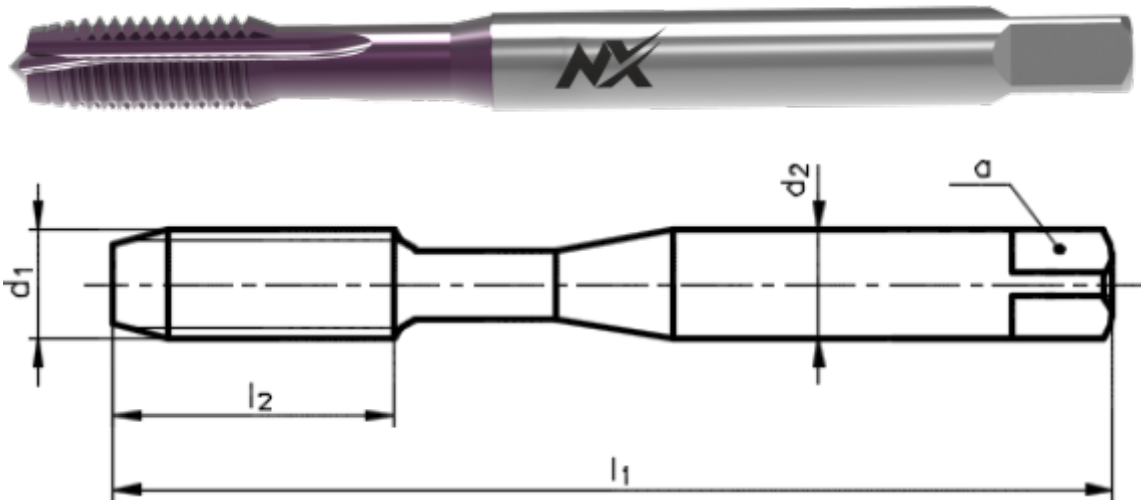
Machine tap with straight flutes and spiral point



CATALOGUE NUMBER: 1720NX

High performance machine tap with straight flute with spiral point, metric, DIN 371, Balinit Hardlube coated, suitable for universal use.

M

THREAD M
ISO Metric coarse thread

PROFILE SKETCH
60°

DIN 13

THREAD STANDARD
DIN13

typ UNI

TYPE UNI
Tap for universal applications

HSSE PM

TAP MATERIAL
Powder high speed steel

HL

COATING
Balinit® Hardlube coating (titanium aluminiumnitride + tungsten carbide)

DIN 371

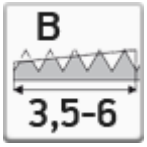
TAP STANDARD
DIN 371

ISO 2 6HX

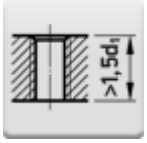
THREAD TOLERANCE
ISO 2 - 6HX

ISO 3 6GX

THREAD TOLERANCE
ISO 3 - 6GX



CHAMFER B
Length 3,5-6 pitch



HOLE TYPE
Through hole (thread length L > 1,5xd1)

Select product model

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
042036046020000	M2	0,4	6HX	45	8	2,8	2,1	**36.20** EUR	**43.80** EUR
042036046025000	M2,5	0,45	6HX	50	9	2,8	2,1	**36.20** EUR	**43.80** EUR
042036046030000	M3	0,5	6HX	56	11	3,5	2,7	**34.20** EUR	**41.38** EUR
042036046040000	M4	0,7	6HX	63	13	4,5	3,4	**35.10** EUR	**42.47** EUR
042036046050000	M5	0,8	6HX	70	16	6	4,9	**36.20** EUR	**43.80** EUR
042036046060000	M6	1	6HX	80	19	6	4,9	**36.85** EUR	**44.59** EUR
042036046080000	M8	1,25	6HX	90	22	8	6,2	**55.00** EUR	**66.55** EUR
042036046100000	M10	1,5	6HX	100	24	10	8	**70.15** EUR	**84.88** EUR
042036048030000	M3	0,5	6GX	56	11	3,5	2,7	**34.20** EUR	**41.38** EUR
042036048040000	M4	0,7	6GX	63	13	4,5	3,4	**35.10** EUR	**42.47** EUR
042036048050000	M5	0,8	6GX	70	16	6	4,9	**36.20** EUR	**43.80** EUR
042036048060000	M6	1	6GX	80	19	6	4,9	**52.65** EUR	**63.71** EUR
042036048080000	M8	1,25	6GX	90	22	8	6,2	**60.25** EUR	**72.90** EUR
042036048100000	M10	1,5	6GX	100	24	10	8	**72.95** EUR	**88.27** EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content < 10%	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Possible use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content < 10%	through hole (thread length L < 1,5xd1)	15-20	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content > 10%	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Aluminium alloys si content > 10%	through hole (thread length L < 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Case hardened steels and nitriding steels up to 1100 N/mm2	through hole (thread length L < 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Case hardened steels and nitriding steels up to 1100 N/mm2	through hole (thread length L > 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Copper alloys (long chipping)	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Copper alloys (long chipping)	through hole (thread length L < 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Copper alloys (short chipping)	through hole (thread length L < 1,5xd1)	10-15	Cutting Oil/Emulsion	Recommended use
Copper alloys (short chipping)	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)	20-25	Cutting Oil/Emulsion	Possible use
Free cutting steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	20-25	Cutting Oil/Emulsion	Possible use
Grey cast iron	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Possible use
Grey cast iron	through hole (thread length L < 1,5xd1)	15-20	Cutting Oil/Emulsion	Possible use
Grey cast iron	blind hole (thread length < 1,5 d1, pilot drilling depth ≥ L+d1)	15-20	Cutting Oil/Emulsion	Possible use
Heat-treated steels up to 1100 N/mm2	through hole (thread length L < 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Heat-treated steels up to 1100 N/mm2	through hole (thread length L > 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Heat-treated steels up to 1400 N/mm2	through hole (thread length L < 1,5xd1)	10-15	Cutting oil for high resistance steels	Recommended use
Heat-treated steels up to 1400 N/mm2	through hole (thread length L > 1,5xd1)	10-15	Cutting oil for high resistance steels	Recommended use
High-alloyed steels up to 1400 N/mm2	through hole (thread length L > 1,5xd1)	10-15	Cutting oil for high resistance steels	Recommended use
High-alloyed steels up to 1400 N/mm2	through hole (thread length L < 1,5xd1)	10-15	Cutting oil for high resistance steels	Recommended use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Plain cast steels up to 500 N/mm2	through hole (thread length L < 1,5xd1)	15-30	Cutting Oil/Emulsion	Possible use
Plain cast steels up to 500 N/mm2	through hole (thread length L > 1,5xd1)	15-30	Cutting Oil/Emulsion	Possible use
Plain cast steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	20-25	Cutting Oil/Emulsion	Possible use
Plain cast steels up to 800 N/mm2	through hole (thread length L < 1,5xd1)	20-25	Cutting Oil/Emulsion	Possible use
Spheroidal graphite cast iron and malleable cast iron	through hole (thread length L < 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Spheroidal graphite cast iron and malleable cast iron	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Stainless steels and heat resisting steels with strength 450 - 800 N/mm2	through hole (thread length L < 1,5xd1)	12-15	Cutting Oil/Emulsion	Recommended use
Stainless steels and heat resisting steels with strength 450 - 800 N/mm2	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Recommended use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm2	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Recommended use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm2	through hole (thread length L < 1,5xd1)	12-15	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	20-25	Cutting Oil/Emulsion	Possible use
Structural steels and heat-treated steels up to 800 N/mm2	through hole (thread length L < 1,5xd1)	20-25	Cutting Oil/Emulsion	Possible use
Structural steels up to 500 N/mm2	through hole (thread length L > 1,5xd1)	15-30	Cutting Oil/Emulsion	Possible use
Structural steels up to 500 N/mm2	through hole (thread length L < 1,5xd1)	15-30	Cutting Oil/Emulsion	Possible use
Tool steels up to 1100 N/mm2	through hole (thread length L > 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Tool steels up to 1100 N/mm2	through hole (thread length L < 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Unalloyed aluminium	through hole (thread length L < 1,5xd1)	15-35	Cutting Oil/Emulsion	Possible use
Unalloyed aluminium	through hole (thread length L > 1,5xd1)	15-35	Cutting Oil/Emulsion	Possible use
Unalloyed copper	through hole (thread length L < 1,5xd1)	15-30	Cutting Oil/Emulsion	Possible use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Unalloyed copper	through hole (thread length L > 1,5xd1)	15-30	Cutting Oil/Emulsion	Possible use
Zinc and zinc alloys	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Possible use
Zinc and zinc alloys	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
Web: www.narexzd.cz