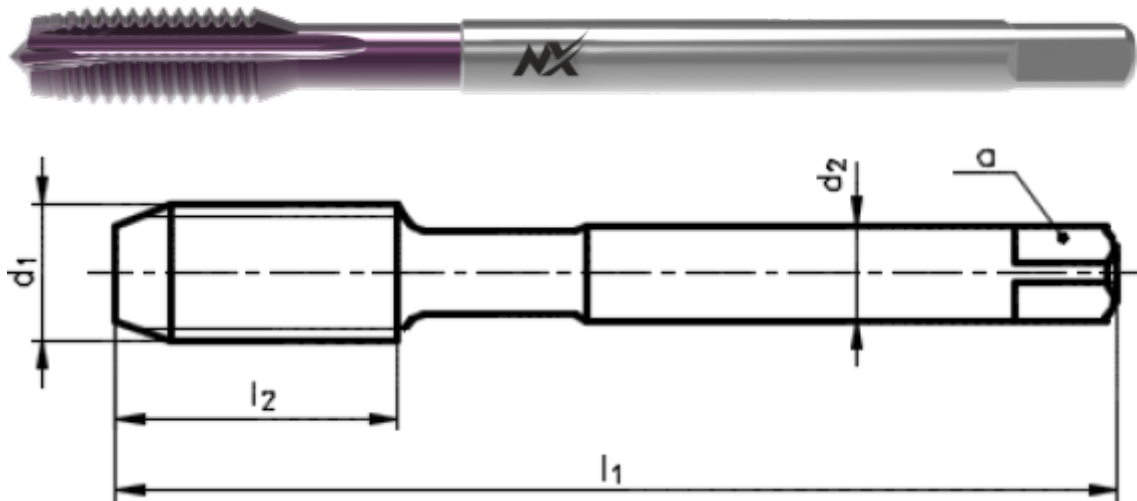


Machine tap with straight flute and spiral point

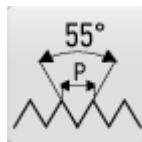


CATALOGUE NUMBER: 3722NX

High performance machine tap with straight flute with spiral point, british standard pipe, DIN 5156, Balinit Hardlube coated, suitable for universal use.



THREAD G
Whitworth pipe straight thread



PROFILE SKETCH
55°



THREAD STANDARD
DIN ISO 228



TYPE UNI
Tap for universal applications



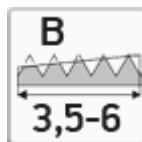
TAP MATERIAL
Powder high speed steel



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



TAP STANDARD
DIN 5156



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
042036624003000	G1/8"	28		90	20	7	5,5	72.95 EUR	88.27 EUR
042036624007000	G1/4"	19		100	21	11	9	105.55 EUR	127.72 EUR
042036624011000	G3/8"	19		100	21	12	9	132.35 EUR	160.14 EUR
042036624013000	G1/2"	14		125	24	16	12	176.95 EUR	214.11 EUR
042036624015000	G5/8"	14		125	24	18	14,5	217.25 EUR	262.87 EUR
042036624017000	G3/4"	14		140	26	20	16	264.40 EUR	319.92 EUR
042036624021000	G1"	11		160	28	25	20	363.15 EUR	439.41 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	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)	15-20	Cutting Oil/Emulsion	Recommended use
Copper alloys (long chipping)	through hole (thread length L > 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Copper alloys (short chipping)	through hole (thread length L > 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use
Free cutting steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Grey cast iron	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Heat-treated steels up to 1100 N/mm2	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Heat-treated steels up to 1400 N/mm ²	through hole (thread length L > 1,5xd1)	8-14	Cutting oil for high resistance steels	Recommended use
High-alloyed steels up to 1400 N/mm ²	through hole (thread length L > 1,5xd1)	8-14	Cutting oil for high resistance steels	Recommended use
Plain cast steels up to 500 N/mm ²	through hole (thread length L > 1,5xd1)	20-25	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 800 N/mm ²	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/mm ²	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/mm ²	through hole (thread length L > 1,5xd1)	12-15	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm ²	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Structural steels up to 500 N/mm ²	through hole (thread length L > 1,5xd1)	5-10	*	Recommended use
Tool steels up to 1100 N/mm ²	through hole (thread length L > 1,5xd1)	15-20	Cutting Oil/Emulsion	Recommended use
Unalloyed aluminium	through hole (thread length L > 1,5xd1)	15-35	Cutting Oil/Emulsion	Recommended use
Unalloyed copper	through hole (thread length L > 1,5xd1)	20-25	Cutting Oil/Emulsion	Recommended use
Zinc and zinc alloys	through hole (thread length L > 1,5xd1)	10-12	Cutting Oil/Emulsion	Recommended use