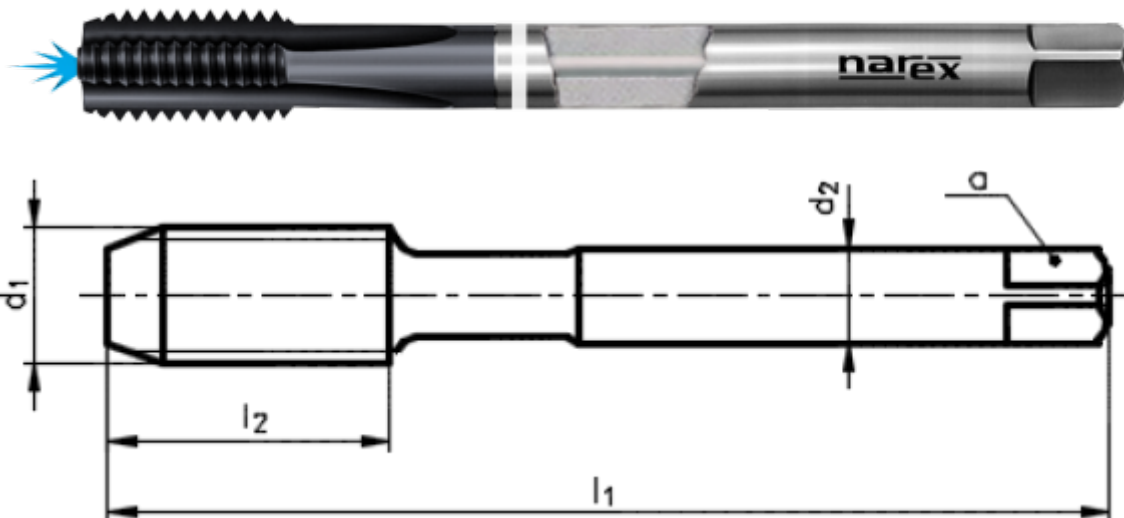


Machine tap with straight flutes



CATALOGUE NUMBER: 3130IKZ

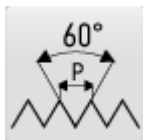
Machine tap with straight flutes with short chamfer and axial internal cooling, metric, DIN 376, DIN 374, TiCN coated, suitable for grey cast iron, aluminium alloys with Si>10%.

M

THREAD M
ISO Metric coarse thread

MF

THREAD MF
ISO Metric fine thread



PROFILE SKETCH
60°

DIN 13

THREAD STANDARD
DIN13

typ
GG

TYPE GG
Tap for cast iron

HSSE

TAP MATERIAL
Super high speed steel

TiCN

COATING
Titanium carbonitride coating

DIN 376

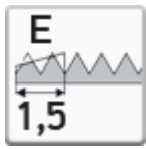
TAP STANDARD
DIN 376

DIN 374

TAP STANDARD
DIN 374

ISO 2 6HX

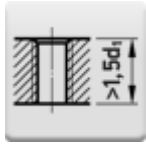
THREAD TOLERANCE
ISO 2 - 6HX



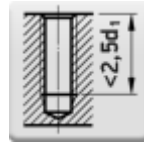
CHAMFER E
Length 1,5 pitch



COOLING METHOD
Internal axial coolant supply



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



HOLE TYPE
Blind hole (thread length $< 2,5 d_1$)

Select product model

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
041638231050000	M5	0,8	6HX	70	13	3,5	2,7	30.35 EUR	36.72 EUR
041638231060000	M6	1	6HX	80	15	4,5	3,4	32.10 EUR	38.84 EUR
041638231080000	M8	1,25	6HX	90	18	6	4,9	34.20 EUR	41.38 EUR
041638231100000	M10	1,5	6HX	100	20	7	5,5	38.55 EUR	46.65 EUR
041638231120000	M12	1,75	6HX	110	23	9	7	47.55 EUR	57.54 EUR
041638231140000	M14	2	6HX	110	25	11	9	53.65 EUR	64.92 EUR
041638431068000	M6	0,75	6HX	80	15	4,5	3,4	Ask for price	
041638431087000	M8	1	6HX	90	18	6	4,9	Ask for price	
041638431106000	M10	1,25	6HX	100	20	7	5,5	Ask for price	
041638431107000	M10	1	6HX	90	20	7	5,5	Ask for price	
041638431125000	M12	1,5	6HX	100	21	9	7	51.80 EUR	62.68 EUR
041638431126000	M12	1,25	6HX	100	21	9	7	55.95 EUR	67.70 EUR
041638431127000	M12	1	6HX	100	21	9	7	Ask for price	
041638431145000	M14	1,5	6HX	100	21	11	9	60.20 EUR	72.84 EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content > 10%	through hole (thread length $L < 1,5 \times d1$)	12-20	Emulsion	Possible use
Aluminium alloys si content > 10%	blind hole (thread length $< 1,5 d1$, pilot drilling depth $\geq L+d1$)	12-20	Emulsion	Possible use
Grey cast iron	blind hole (thread length $L < 2,5 \times d1$)	15-20	Emulsion	Recommended use
Grey cast iron	through hole (thread length $L > 1,5 \times d1$)	15-20	Emulsion	Recommended use
Grey cast iron	blind hole (thread length $L < 1,5 \times d1$)	15-20	Emulsion	Recommended use
Grey cast iron	through hole (thread length $L < 1,5 \times d1$)	15-20	Emulsion	Recommended use
Grey cast iron	blind hole (thread length $L < 2 \times d1$)	15-20	Emulsion	Recommended use
Grey cast iron	blind hole (thread length $< 1,5 d1$, pilot drilling depth $\geq L+d1$)	15-20	Emulsion	Recommended use