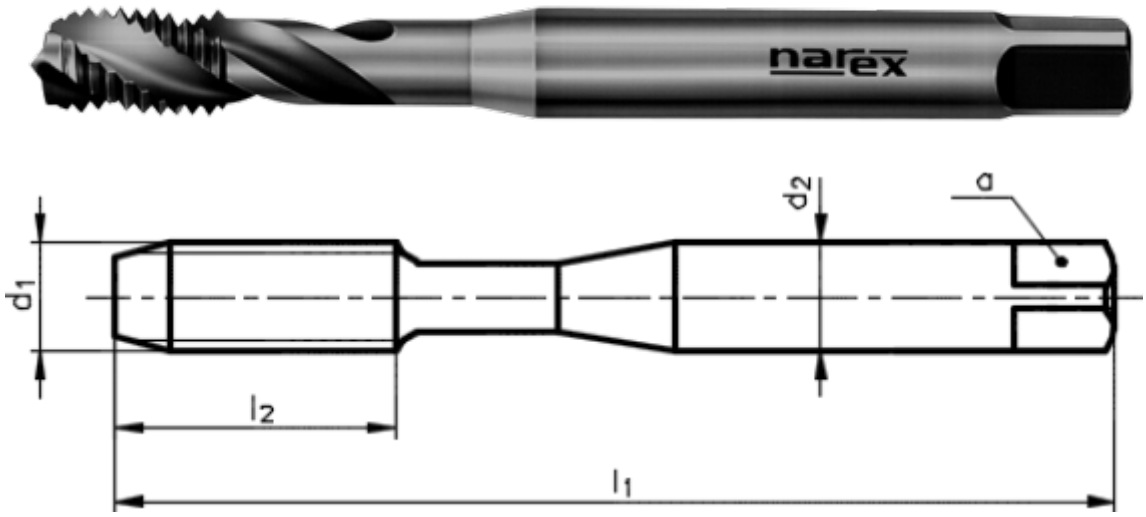
Machine tap with right-hand spiral flutes 40°



CATALOGUE NUMBER: 2090

Machine tap with spiral flutes, metric, DIN 371, steam oxided, suitable for structural steels, cast steels, free cutting steels, aluminium alloys and zinc alloys.

M

THREAD M
ISO Metric coarse thread

PROFILE SKETCH
60°

DIN 13

THREAD STANDARD
DIN13

typ N

TYPE N
Tap for steels up to 800 N/mm2

HSSE

TAP MATERIAL
Super high speed steel

OX

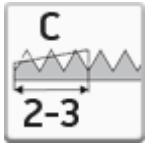
COATING
Oxidation

DIN 371

TAP STANDARD
DIN 371

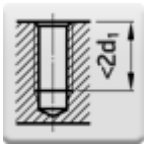
ISO 2 6H

THREAD TOLERANCE
ISO 2 - 6H



CHAMFER C
Length 2-3 pitch

SPIRAL FLUTE ANGLE
40°



HOLE TYPE
Blind hole (thread length < 2 d1)

Select product model

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
041537118020000	M2	0,4	6H	45	6	2,8	2,1	**9.95** EUR	**12.04** EUR
041537118025000	M2,5	0,45	6H	50	7,5	2,8	2,1	**9.40** EUR	**11.37** EUR
041537118030000	M3	0,5	6H	56	5	3,5	2,7	**8.15** EUR	**9.86** EUR
041537118035000	M3,5	0,6	6H	56	6	4	3	**8.95** EUR	**10.83** EUR
041537118040000	M4	0,7	6H	63	7	4,5	3,4	**8.15** EUR	**9.86** EUR
041537118050000	M5	0,8	6H	70	8	6	4,9	**8.30** EUR	**10.04** EUR
041537118060000	M6	1	6H	80	10	6	4,9	**8.70** EUR	**10.53** EUR
041537118080000	M8	1,25	6H	90	13	8	6,2	**10.10** EUR	**12.22** EUR
041537118100000	M10	1,5	6H	100	15	10	8	**11.90** EUR	**14.40** EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content < 10%	blind hole (thread length < 1,5 d1, pilot drilling depth ≥ L+d1)	14-20	Emulsion	Possible use
Aluminium alloys si content < 10%	blind hole (thread length L < 1,5xd1)	14-20	Emulsion	Possible use
Aluminium alloys si content < 10%	blind hole (thread length L < 2xd1)	14-20	Emulsion	Possible use
Aluminium alloys si content > 10%	blind hole (thread length < 1,5 d1, pilot drilling depth ≥ L+d1)	12-15	Emulsion	Possible use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content > 10%	blind hole (thread length L < 1,5xd1)	12-15	Emulsion	Possible use
Aluminium alloys si content > 10%	blind hole (thread length L < 2xd1)	12-15	Emulsion	Possible use
Plain cast steels up to 800 N/mm2	blind hole (thread length L < 1,5xd1)	10-12	Cutting Oil/Emulsion	Possible use
Plain cast steels up to 800 N/mm2	blind hole (thread length L < 2xd1)	10-12	Cutting Oil/Emulsion	Possible use
Plain cast steels up to 800 N/mm2	blind hole (thread length < 1,5 d1, pilot drilling depth ≥ L+d1)	10-12	Cutting Oil/Emulsion	Possible use
Structural steels and heat-treated steels up to 800 N/mm2	blind hole (thread length L < 1,5xd1)	10-12	Cutting Oil/Emulsion	Possible use
Structural steels and heat-treated steels up to 800 N/mm2	blind hole (thread length L < 2xd1)	10-12	Cutting Oil/Emulsion	Possible use
Structural steels and heat-treated steels up to 800 N/mm2	blind hole (thread length < 1,5 d1, pilot drilling depth ≥ L+d1)	10-12	Cutting Oil/Emulsion	Possible use
Zinc and zinc alloys	blind hole (thread length L < 2xd1)	8-10	Emulsion	Recommended use
Zinc and zinc alloys	blind hole (thread length < 1,5 d1, pilot drilling depth ≥ L+d1)	8-10	Emulsion	Recommended use
Zinc and zinc alloys	blind hole (thread length L < 1,5xd1)	8-10	Emulsion	Recommended 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