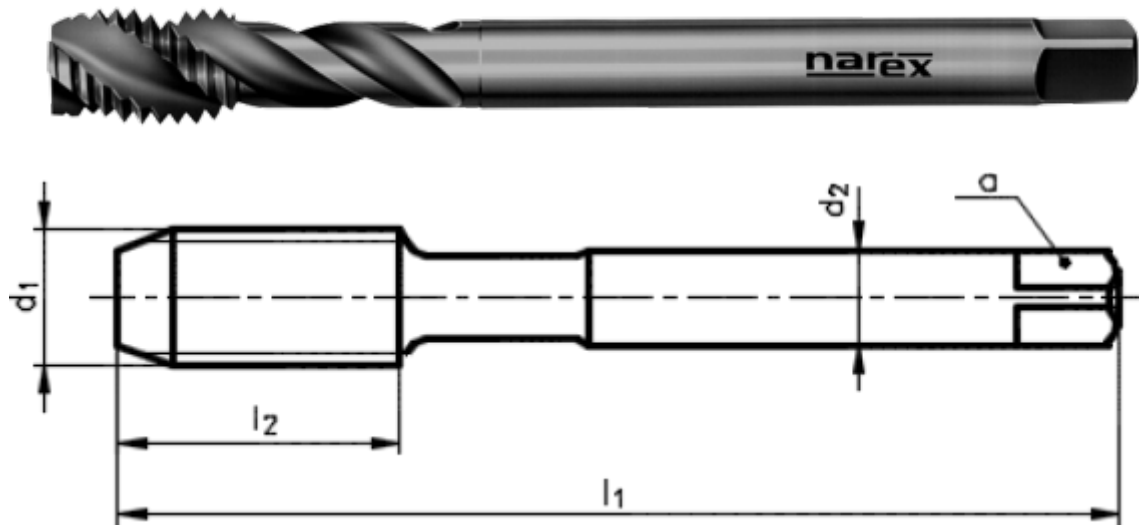


Machine tap with right-hand spiral flutes 35°



CATALOGUE NUMBER: 4290

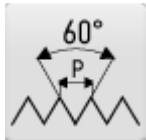
Machine tap with spiral flutes, metric and metric fine, DIN 376, DIN 374, steam oxidized, suitable for case hardened and nitriding steels, stainless steels with strength up to 1000 N/mm².

M

THREAD M
ISO Metric coarse thread

MF

THREAD MF
ISO Metric fine thread



PROFILE SKETCH
60°

DIN 13

THREAD STANDARD
DIN13

typ VA

TYPE VA
Tap for stainless steels

HSSE

TAP MATERIAL
Super high speed steel

OX

COATING
Oxidation

DIN 376

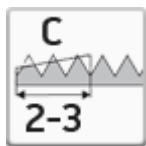
TAP STANDARD
DIN 376

DIN 374

TAP STANDARD
DIN 374

ISO 2 6H

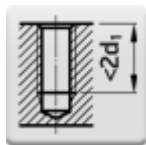
THREAD TOLERANCE
ISO 2 - 6H



CHAMFER C
Length 2-3 pitch



SPIRAL FLUTE ANGLE
35°



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
041537332030000	M3	0,5	6H	56	5	2,2	-	13.30 EUR	16.09 EUR
041537332040000	M4	0,7	6H	63	7	2,8	2,1	13.75 EUR	16.64 EUR
041537332050000	M5	0,8	6H	70	8	3,5	2,7	14.15 EUR	17.12 EUR
041537332060000	M6	1	6H	80	10	4,5	3,4	14.15 EUR	17.12 EUR
041537332080000	M8	1,25	6H	90	13	6	4,9	15.60 EUR	18.88 EUR
041537332100000	M10	1,5	6H	100	15	7	5,5	19.55 EUR	23.66 EUR
041537332120000	M12	1,75	6H	110	18	9	7	22.60 EUR	27.35 EUR
041537332140000	M14	2	6H	110	20	11	9	28.25 EUR	34.18 EUR
041537332160000	M16	2	6H	110	20	12	9	31.20 EUR	37.75 EUR
041537332180000	M18	2,5	6H	125	25	14	11	44.85 EUR	54.27 EUR
041537332200000	M20	2,5	6H	140	25	16	12	46.30 EUR	56.02 EUR
041537332220000	M22	2,5	6H	140	25	18	14,5	62.00 EUR	75.02 EUR
041537332240000	M24	3	6H	160	30	18	14,5	59.05 EUR	71.45 EUR
041537332270000	M27	3	6H	160	30	20	16	79.10 EUR	95.71 EUR
041537332300000	M30	3,5	6H	180	35	22	18	99.80 EUR	120.76 EUR
041537532068000	M6	0,75	6H	80	10	4,5	3,4	20.15 EUR	24.38 EUR
041537532087000	M8	1	6H	90	13	6	4,9	20.15 EUR	24.38 EUR
041537532088000	M8	0,75	6H	80	10	6	4,9	22.10 EUR	26.74 EUR
041537532107000	M10	1	6H	90	12	7	5,5	21.85 EUR	26.44 EUR
041537532125000	M12	1,5	6H	100	14	9	7	24.60 EUR	29.77 EUR
041537532127000	M12	1	6H	100	14	9	7	26.05 EUR	31.52 EUR

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
041537532145000	M14	1,5	6H	100	16	11	9	31.95 EUR	38.66 EUR
041537532165000	M16	1,5	6H	100	16	12	9	38.85 EUR	47.01 EUR
041537532185000	M18	1,5	6H	110	20	14	11	44.10 EUR	53.36 EUR
041537532205000	M20	1,5	6H	125	20	16	12	50.35 EUR	60.92 EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Case hardened steels and nitriding steels up to 1100 N/mm2	blind hole (thread length $L < 2 \times d1$)	3-5	Cutting Oil	Possible use
Case hardened steels and nitriding steels up to 1100 N/mm2	blind hole (thread length $< 1,5 d1$, pilot drilling depth $\geq L+d1$)	3-5	Cutting Oil	Possible use
Case hardened steels and nitriding steels up to 1100 N/mm2	blind hole (thread length $L < 1,5 \times d1$)	3-5	Cutting Oil	Possible use
Stainless steels and heat resisting steels with strength 450 - 800 N/mm2	blind hole (thread length $L < 2 \times d1$)	4-7	Cutting Oil	Possible use
Stainless steels and heat resisting steels with strength 450 - 800 N/mm2	blind hole (thread length $< 1,5 d1$, pilot drilling depth $\geq L+d1$)	4-7	Cutting Oil	Possible use
Stainless steels and heat resisting steels with strength 450 - 800 N/mm2	blind hole (thread length $L < 1,5 \times d1$)	4-7	Cutting Oil	Possible use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm2	blind hole (thread length $L < 2 \times d1$)	3-5	Cutting Oil	Possible use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm2	blind hole (thread length $< 1,5 d1$, pilot drilling depth $\geq L+d1$)	3-5	Cutting Oil	Possible use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm2	blind hole (thread length $L < 1,5 \times d1$)	3-5	Cutting Oil	Possible use

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