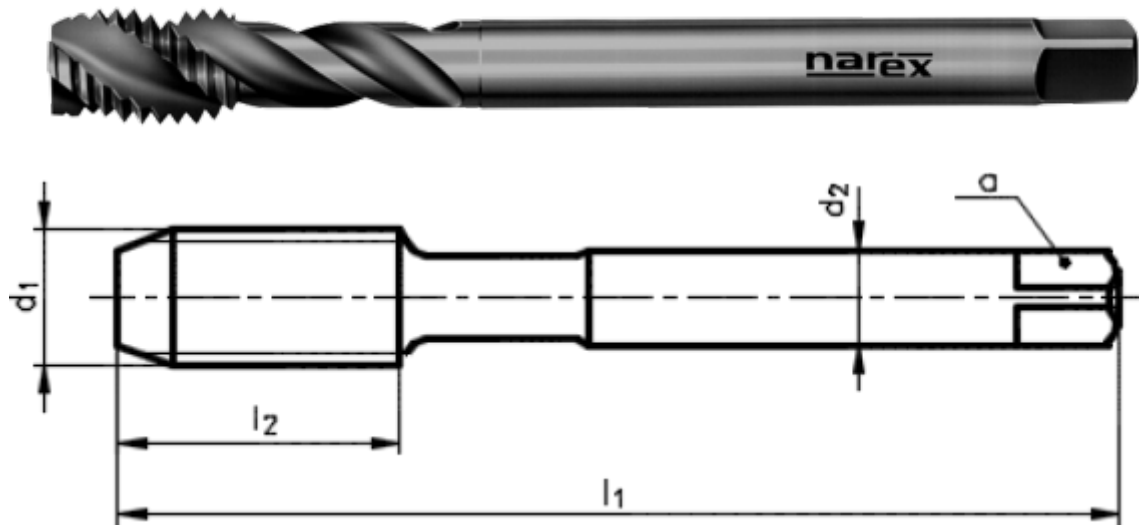


Machine tap with right-hand spiral flutes 35°

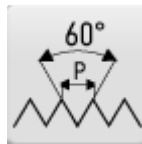


CATALOGUE NUMBER: 4295

Machine tap with spiral flutes, unified national coarse thread, DIN 371, steam oxidized, suitable for case hardened and nitriding steels, stainless steels with strength up to 1000 N/mm².



THREAD UNF
Unified fine thread



PROFILE SKETCH
60°



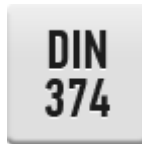
TYPE VA
Tap for stainless steels



TAP MATERIAL
Vanadium extra high speed steel HSSE V3



COATING
Oxidation



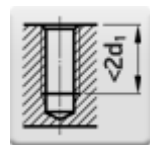
TAP STANDARD
DIN 374



THREAD TOLERANCE
2BX



SPIRAL FLUTE ANGLE
35°



HOLE TYPE
Blind hole (thread length <math>< 2 d_1</math>)

Select product model

ID	D1	P	Tolerance	I1	I2	d2	a	Price excl. VAT	Price incl. VAT
041537932102000	UNF5	44	2BX	56	5	2,2	-	16.55 EUR	20.03 EUR
041537932103000	UNF6	40	2BX	56	7	2,5	2,1	17.05 EUR	20.63 EUR
041537932104000	UNF8	36	2BX	63	7	2,8	2,1	17.05 EUR	20.63 EUR
041537932105000	UNF10	32	2BX	70	8	3,5	2,7	17.90 EUR	21.66 EUR
041537932106000	UNF12	28	2BX	80	10	4	3	20.50 EUR	24.81 EUR
041537932107000	UNF1/4	28	2BX	80	10	4,5	3,4	19.75 EUR	23.90 EUR
041537932109000	UNF5/16	24	2BX	90	13	6	4,9	20.60 EUR	24.93 EUR
041537932111000	UNF3/8	24	2BX	90	15	7	5,5	22.20 EUR	26.86 EUR
041537932112000	UNF7/16	20	2BX	100	15	8	6,2	28.35 EUR	34.30 EUR
041537932113000	UNF1/2	20	2BX	100	14	9	7	28.70 EUR	34.73 EUR
041537932114000	UNF9/16	18	2BX	100	16	11	9	45.45 EUR	54.99 EUR
041537932115000	UNF5/8	18	2BX	100	16	12	9	38.40 EUR	46.46 EUR
041537932117000	UNF3/4	16	2BX	110	20	14	11	50.25 EUR	60.80 EUR
041537932119000	UNF7/8	14	2BX	125	20	18	14,5	60.95 EUR	73.75 EUR
041537932121000	UNF1	12	2BX	140	22	18	14,5	84.25 EUR	101.94 EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Case hardened steels and nitriding steels up to 1100 N/mm ²	blind hole (thread length < 1,5 d1, pilot drilling depth ≥ L+d1)	3-5	Cutting Oil	Recommended use
Case hardened steels and nitriding steels up to 1100 N/mm ²	blind hole (thread length L < 1,5xd1)	3-5	Cutting Oil	Recommended use
Case hardened steels and nitriding steels up to 1100 N/mm ²	blind hole (thread length L < 2xd1)	3-5	Cutting Oil	Recommended use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Stainless steels and heat resisting steels with strength 450 - 800 N/mm ²	blind hole (thread length $L < 2 \times d_1$)	4-7	Cutting Oil	Recommended use
Stainless steels and heat resisting steels with strength 450 - 800 N/mm ²	blind hole (thread length $< 1,5 d_1$, pilot drilling depth $\geq L+d_1$)	4-7	Cutting Oil	Recommended use
Stainless steels and heat resisting steels with strength 450 - 800 N/mm ²	blind hole (thread length $L < 1,5 \times d_1$)	4-7	Cutting Oil	Recommended use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm ²	blind hole (thread length $L < 2 \times d_1$)	3-5	Cutting Oil	Recommended use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm ²	blind hole (thread length $< 1,5 d_1$, pilot drilling depth $\geq L+d_1$)	3-5	Cutting Oil	Recommended use
Stainless steels and heat resisting steels with strength 600 - 1000 N/mm ²	blind hole (thread length $L < 1,5 \times d_1$)	3-5	Cutting Oil	Recommended use

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