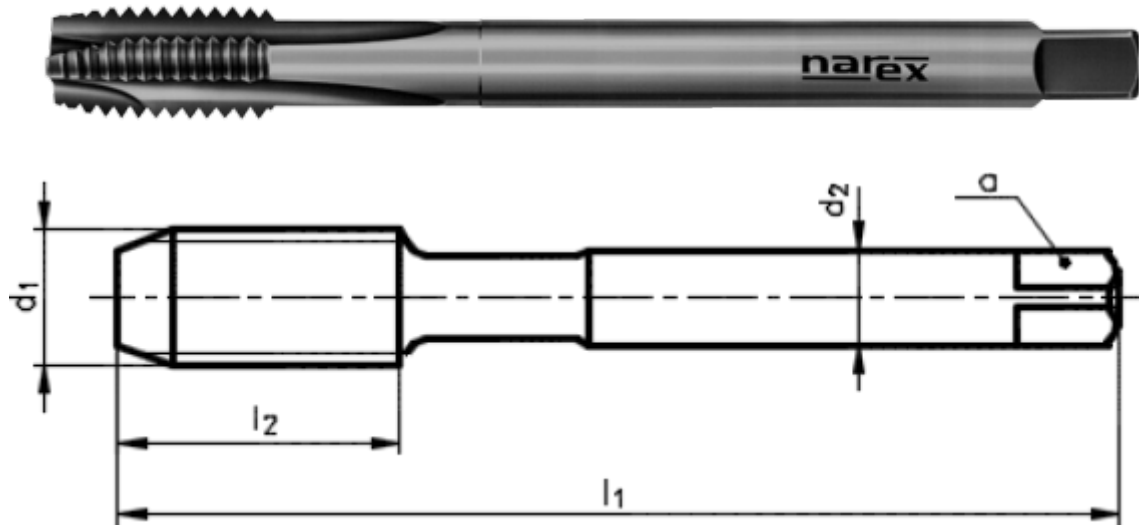


Machine tap with straight flutes and spiral point



CATALOGUE NUMBER: 3590

machine tap with straight flute and spiral point, metric and metric fine, DIN 376, DIN 374, steam oxidized, suitable for heat-treated steels, tool steels and 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 H

TYPE H
Tap for steels up to 1100 N/mm²

HSSE V3

TAP MATERIAL
Vanadium extra high speed steel HSSE V3

OX

COATING
Oxidation

DIN 376

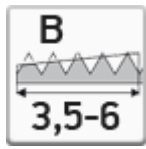
TAP STANDARD
DIN 376

DIN 374

TAP STANDARD
DIN 374

ISO 2 6H

THREAD TOLERANCE
ISO 2 - 6H



CHAMFER B
Length 3,5-6 pitch



HOLE TYPE
Through hole (thread length $L > 1,5 \times d1$)

Select product model

ID	D1	P	Tolerance	I1	I2	d2	a	Price excl. VAT	Price incl. VAT
041537266030000	M3	0,5	6H	56	9	2,2	-	14.10 EUR	17.06 EUR
041537266040000	M4	0,7	6H	63	12	2,8	2,1	14.40 EUR	17.42 EUR
041537266050000	M5	0,8	6H	70	13	3,5	2,7	13.75 EUR	16.64 EUR
041537266060000	M6	1	6H	80	15	4,5	3,4	14.10 EUR	17.06 EUR
041537266080000	M8	1,25	6H	90	18	6	4,9	15.10 EUR	18.27 EUR
041537266100000	M10	1,5	6H	100	20	7	5,5	17.20 EUR	20.81 EUR
041537266120000	M12	1,75	6H	110	23	9	7	20.15 EUR	24.38 EUR
041537266140000	M14	2	6H	110	25	11	9	26.35 EUR	31.88 EUR
041537266160000	M16	2	6H	110	25	12	9	29.00 EUR	35.09 EUR
041537266180000	M18	2,5	6H	125	30	14	11	41.50 EUR	50.22 EUR
041537266200000	M20	2,5	6H	140	30	16	12	42.95 EUR	51.97 EUR
041537266220000	M22	2,5	6H	140	30	18	14,5	61.80 EUR	74.78 EUR
041537266240000	M24	3	6H	160	36	18	14,5	58.20 EUR	70.42 EUR
041537266270000	M27	3	6H	160	36	20	16	77.75 EUR	94.08 EUR
041537266300000	M30	3,5	6H	180	40	22	18	93.95 EUR	113.68 EUR
041537466068000	M6	0,75	6H	80	15	4,5	3,4	19.45 EUR	23.53 EUR
041537466087000	M8	1	6H	90	18	6	4,9	19.60 EUR	23.72 EUR
041537466088000	M8	0,75	6H	80	15	6	4,9	21.55 EUR	26.08 EUR
041537466107000	M10	1	6H	90	20	7	5,5	20.45 EUR	24.74 EUR
041537466125000	M12	1,5	6H	100	21	9	7	22.35 EUR	27.04 EUR
041537466127000	M12	1	6H	100	21	9	7	23.65 EUR	28.62 EUR
041537466145000	M14	1,5	6H	100	21	11	9	29.65 EUR	35.88 EUR
041537466165000	M16	1,5	6H	100	21	12	9	33.85 EUR	40.96 EUR
041537466185000	M18	1,5	6H	110	24	14	11	42.00 EUR	50.82 EUR

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
041537466205000	M20	1,5	6H	125	24	16	12	47.00 EUR	56.87 EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content > 10%	through hole (thread length L > 1,5xd1)	12-15	Emulsion	Possible use
Aluminium alloys si content > 10%	through hole (thread length L < 1,5xd1)	12-15	Emulsion	Possible use
Heat-treated steels up to 1100 N/mm2	through hole (thread length L < 1,5xd1)	4-8	Cutting Oil	Possible use
Heat-treated steels up to 1100 N/mm2	through hole (thread length L > 1,5xd1)	4-8	Cutting Oil	Possible use

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