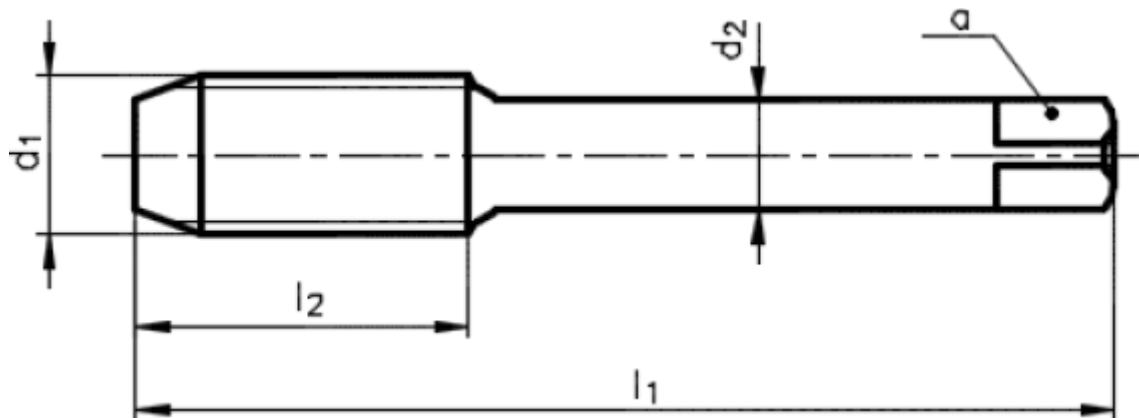


Hand tap

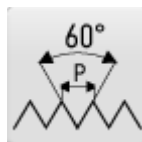


CATALOGUE NUMBER: 0204

Hand tap, unified national coarse thread, DIN 352, suitable for structural steels, plain cast steels, free cutting steels, structural steels and heat-treated steels, grey cast iron, spheroidal and malleable cast iron, aluminium alloys, short chipping copper alloys



THREAD UNC
Unified coarse thread



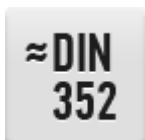
PROFILE SKETCH
60°



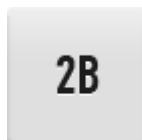
TYPE N
Tap for steels up to 800 N/mm²



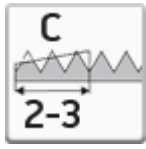
TAP MATERIAL
High speed steel HSS



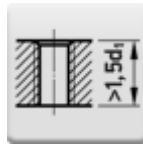
TAP STANDARD
~ DIN 352



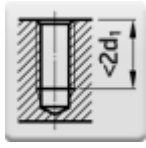
THREAD TOLERANCE
2B



CHAMFER C
Length 2-3 pitch



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



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
041530050002100	UNC5	40	2B	40	10	3,5	2,7	7.30 EUR	8.83 EUR
041530050002200	UNC5	40	2B	40	10	3,5	2,7	7.30 EUR	8.83 EUR
041530050002300	UNC5	40	2B	40	10	3,5	2,7	7.30 EUR	8.83 EUR
041530050002800	UNC5	40	2B	40	10	3,5	2,7	21.90 EUR	26.50 EUR
041530050003100	UNC6	32	2B	45	11	4	3	7.25 EUR	8.77 EUR
041530050003200	UNC6	32	2B	45	11	4	3	7.25 EUR	8.77 EUR
041530050003300	UNC6	32	2B	45	11	4	3	7.25 EUR	8.77 EUR
041530050003800	UNC6	32	2B	45	11	4	3	21.75 EUR	26.32 EUR
041530050004100	UNC8	32	2B	45	12	4,5	3,4	7.35 EUR	8.89 EUR
041530050004200	UNC8	32	2B	45	12	4,5	3,4	7.35 EUR	8.89 EUR
041530050004300	UNC8	32	2B	45	12	4,5	3,4	7.35 EUR	8.89 EUR
041530050004800	UNC8	32	2B	45	12	4,5	3,4	22.05 EUR	26.68 EUR
041530050005100	UNC10	24	2B	50	14	6	4,9	7.70 EUR	9.32 EUR
041530050005200	UNC10	24	2B	50	14	6	4,9	7.70 EUR	9.32 EUR
041530050005300	UNC10	24	2B	50	14	6	4,9	7.70 EUR	9.32 EUR
041530050005800	UNC10	24	2B	50	14	6	4,9	23.10 EUR	27.95 EUR
041530050006100	UNC12	24	2B	56	16	6	4,9	8.25 EUR	9.98 EUR
041530050006200	UNC12	24	2B	56	16	6	4,9	8.25 EUR	9.98 EUR
041530050006300	UNC12	24	2B	56	16	6	4,9	8.25 EUR	9.98 EUR
041530050006800	UNC12	24	2B	56	16	6	4,9	24.75 EUR	29.95 EUR
041530050007100	UNC1/4	20	2B	56	16	6	4,9	8.05 EUR	9.74 EUR

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
041530050007200	UNC1/4	20	2B	56	16	6	4,9	8.05 EUR	9.74 EUR
041530050007300	UNC1/4	20	2B	56	16	6	4,9	8.05 EUR	9.74 EUR
041530050007800	UNC1/4	20	2B	56	16	6	4,9	24.15 EUR	29.22 EUR
041530050009100	UNC5/16	18	2B	63	20	6	4,9	8.75 EUR	10.59 EUR
041530050009200	UNC5/16	18	2B	63	20	6	4,9	8.75 EUR	10.59 EUR
041530050009300	UNC5/16	18	2B	63	20	6	4,9	8.75 EUR	10.59 EUR
041530050009800	UNC5/16	18	2B	63	20	6	4,9	26.25 EUR	31.76 EUR
041530050011100	UNC3/8	16	2B	70	22	7	5,5	10.05 EUR	12.16 EUR
041530050011200	UNC3/8	16	2B	70	22	7	5,5	10.05 EUR	12.16 EUR
041530050011300	UNC3/8	16	2B	70	22	7	5,5	10.05 EUR	12.16 EUR
041530050011800	UNC3/8	16	2B	70	22	7	5,5	30.15 EUR	36.48 EUR
041530050012100	UNC7/16	14	2B	70	22	8	6,2	11.95 EUR	14.46 EUR
041530050012200	UNC7/16	14	2B	70	22	8	6,2	11.95 EUR	14.46 EUR
041530050012300	UNC7/16	14	2B	70	22	8	6,2	11.95 EUR	14.46 EUR
041530050012800	UNC7/16	14	2B	70	22	8	6,2	35.85 EUR	43.38 EUR
041530050013100	UNC1/2	13	2B	75	25	9	7	14.00 EUR	16.94 EUR
041530050013200	UNC1/2	13	2B	75	25	9	7	14.00 EUR	16.94 EUR
041530050013300	UNC1/2	13	2B	75	25	9	7	14.00 EUR	16.94 EUR
041530050013800	UNC1/2	13	2B	75	25	9	7	42.00 EUR	50.82 EUR
041530050014100	UNC9/16	12	2B	80	26	11	9	19.80 EUR	23.96 EUR
041530050014200	UNC9/16	12	2B	80	26	11	9	19.80 EUR	23.96 EUR
041530050014300	UNC9/16	12	2B	80	26	11	9	19.80 EUR	23.96 EUR
041530050014800	UNC9/16	12	2B	80	26	11	9	59.40 EUR	71.87 EUR
041530050015100	UNC5/8	11	2B	80	27	12	9	18.45 EUR	22.32 EUR
041530050015200	UNC5/8	11	2B	80	27	12	9	18.45 EUR	22.32 EUR
041530050015300	UNC5/8	11	2B	80	27	12	9	18.45 EUR	22.32 EUR
041530050015800	UNC5/8	11	2B	80	27	12	9	55.35 EUR	66.97 EUR
041530050017100	UNC3/4	10	2B	95	32	14	11	26.50 EUR	32.07 EUR
041530050017200	UNC3/4	10	2B	95	32	14	11	26.50 EUR	32.07 EUR
041530050017300	UNC3/4	10	2B	95	32	14	11	26.50 EUR	32.07 EUR
041530050017800	UNC3/4	10	2B	95	32	14	11	79.50 EUR	96.20 EUR
041530050019100	UNC7/8	9	2B	100	32	18	14,5	33.20 EUR	40.17 EUR

ID	D1	P	Tolerance	l1	l2	d2	a	Price excl. VAT	Price incl. VAT
041530050019200	UNC7/8	9	2B	100	32	18	14,5	33.20 EUR	40.17 EUR
041530050019300	UNC7/8	9	2B	100	32	18	14,5	33.20 EUR	40.17 EUR
041530050019800	UNC7/8	9	2B	100	32	18	14,5	99.60 EUR	120.52 EUR
041530050021100	UNC1	8	2B	110	36	18	14,5	42.65 EUR	51.61 EUR
041530050021200	UNC1	8	2B	110	36	18	14,5	42.65 EUR	51.61 EUR
041530050021300	UNC1	8	2B	110	36	18	14,5	42.65 EUR	51.61 EUR
041530050021800	UNC1	8	2B	110	36	18	14,5	127.95 EUR	154.82 EUR

Use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Aluminium alloys si content < 10%	through hole (thread length L > 1,5xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Aluminium alloys si content < 10%	blind hole (thread length L < 2xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Aluminium alloys si content > 10%	through hole (thread length L > 1,5xd1)	3-5	Cutting Oil/Emulsion	Possible use
Aluminium alloys si content > 10%	blind hole (thread length L < 2xd1)	3-5	Cutting Oil/Emulsion	Possible use
Copper alloys (short chipping)	blind hole (thread length L < 2xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Copper alloys (short chipping)	through hole (thread length L > 1,5xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Free cutting steels up to 800 N/mm2	blind hole (thread length L < 2xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Free cutting steels up to 800 N/mm2	through hole (thread length L > 1,5xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Grey cast iron	blind hole (thread length L < 2xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Grey cast iron	through hole (thread length L > 1,5xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 500 N/mm2	blind hole (thread length L < 2xd1)	3-5	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 500 N/mm2	through hole (thread length L > 1,5xd1)	3-5	Cutting Oil/Emulsion	Recommended use

MACHINED MATERIAL	HOLE TYPE	CUTTING SPEED	LUBRICATION	USE
Plain cast steels up to 800 N/mm ²	through hole (thread length $L > 1,5d_1$)	3-5	Cutting Oil/Emulsion	Recommended use
Plain cast steels up to 800 N/mm ²	blind hole (thread length $L < 2d_1$)	3-5	Cutting Oil/Emulsion	Recommended use
Spheroidal graphite cast iron and malleable cast iron	blind hole (thread length $L < 2d_1$)	3-5	Cutting Oil/Emulsion	Recommended use
Spheroidal graphite cast iron and malleable cast iron	through hole (thread length $L > 1,5d_1$)	3-5	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm ²	through hole (thread length $L > 1,5d_1$)	3-5	Cutting Oil/Emulsion	Recommended use
Structural steels and heat-treated steels up to 800 N/mm ²	blind hole (thread length $L < 2d_1$)	3-5	Cutting Oil/Emulsion	Recommended use
Structural steels up to 500 N/mm ²	through hole (thread length $L > 1,5d_1$)	3-5	Cutting Oil/Emulsion	Recommended use
Structural steels up to 500 N/mm ²	blind hole (thread length $L < 2d_1$)	3-5	Cutting Oil/Emulsion	Recommended use

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