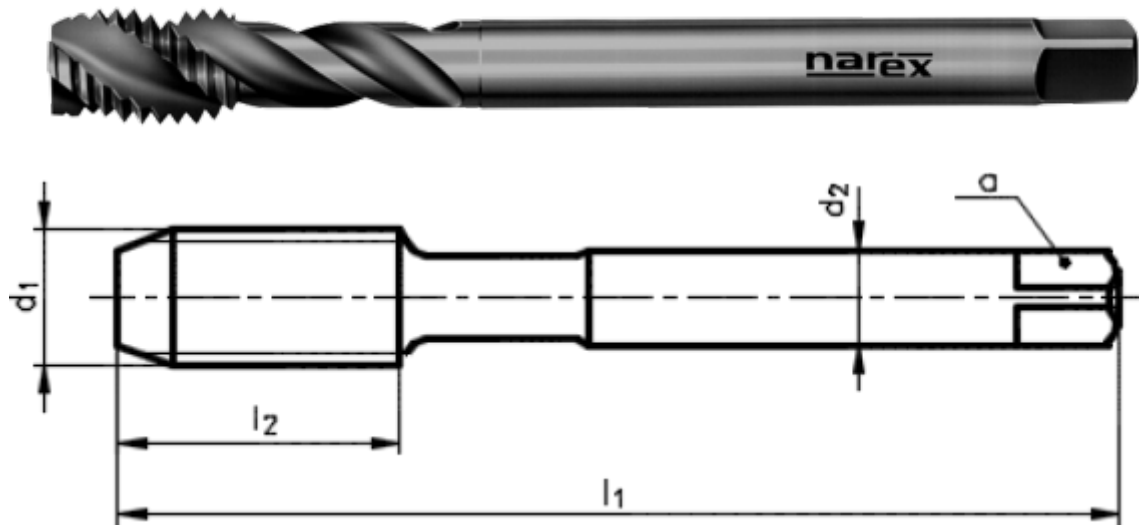


# Machine tap with right-hand spiral flutes 35°

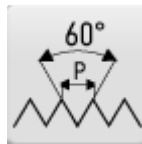


## CATALOGUE NUMBER: 4295

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/mm<sup>2</sup>.



**THREAD UNF**  
Unified fine thread



**PROFILE SKETCH**  
60°



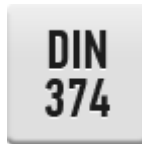
**TYPE VA**  
Tap for stainless steels



**TAP MATERIAL**  
Vanadium extra high speed steel HSSE V3



**COATING**  
Oxidation



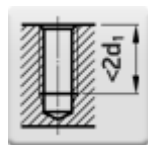
**TAP STANDARD**  
DIN 374



**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 <sup>2</sup> | blind hole (thread length $L < 2 \times d_1$ )                                | 3-5           | Cutting Oil | Recommended use |
| Case hardened steels and nitriding steels up to 1100 N/mm <sup>2</sup> | blind hole (thread length $< 1,5 d_1$ , pilot drilling depth $\geq L + d_1$ ) | 3-5           | Cutting Oil | Recommended use |
| Case hardened steels and nitriding steels up to 1100 N/mm <sup>2</sup> | blind hole (thread length $L < 1,5 \times d_1$ )                              | 3-5           | Cutting Oil | Recommended use |

| <b>MACHINED MATERIAL</b>  | <b>HOLE TYPE</b>  | <b>CUTTING SPEED</b> | <b>LUBRICATION</b> | <b>USE</b>      |
|---|---|----------------------|--------------------|-----------------|
| Stainless steels and heat resisting steels with strength 450 - 800 N/mm <sup>2</sup>  | blind hole (thread length $L < 1,5 \times d_1$ )                            | 4-7                  | Cutting Oil        | Recommended use |
| Stainless steels and heat resisting steels with strength 450 - 800 N/mm <sup>2</sup>  | 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 <sup>2</sup>  | 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 600 - 1000 N/mm <sup>2</sup> | blind hole (thread length $L < 1,5 \times d_1$ )                            | 3-5                  | Cutting Oil        | Recommended use |
| Stainless steels and heat resisting steels with strength 600 - 1000 N/mm <sup>2</sup> | 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 <sup>2</sup> | blind hole (thread length $< 1,5 d_1$ , pilot drilling depth $\geq L+d_1$ ) | 3-5                  | Cutting Oil        | 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](mailto:sales@narexzd.cz)  
Web: [www.narexzd.cz](http://www.narexzd.cz)