

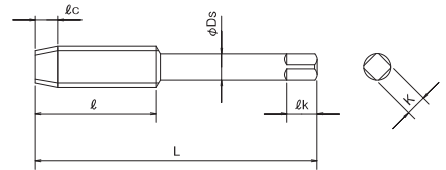
■ニューロールタップ NU-ROLL

スチール、非鉄合金の区別なく適します。高速切削(2倍)が可能です、耐久性も大幅に向上し(3~9倍)、高効率ねじ立てができます。

Suitable for tapping steels and nonferrous metal alloys. Capable of efficient, long life, high speed tapping.

TiNコーティング TIN COATED

TIN-NRT



●マークの説明はP.2をご覧ください。See page 2 for explanation of icons.

| ツールNo.<br>EDP NO. | 呼び<br>Thread Size | 精度<br>TAP Limit | 食付<br>ℓc | 全長<br>L | ねじ長<br>ℓ | 首下長<br>ℓn | シャンク径<br>Ds | 突き出し<br>センタ<br>External<br>Centre | 在庫<br>Stock | 標準価格<br>(Yen) |
|-------------------|-------------------|-----------------|----------|---------|----------|-----------|-------------|-----------------------------------|-------------|---------------|
| 21590             | M 1 × 0.25        | RH4             | 4P       | 30      | 7        | -         | 3           | 有                                 | B           | 3,380         |
| 21591             |                   |                 | 2P       |         |          |           |             | —                                 | 3,380       |               |
| 21592             |                   | 4P              | 有        |         |          |           |             | D                                 | 3,510       |               |
| 21593             |                   | 2P              | —        |         |          |           |             | 3,510                             |             |               |
| 21602             | M 1.2 × 0.25      | RH4             | 4P       | 32      | 8        | -         | 3           | 有                                 | B           | 3,180         |
| 21603             |                   |                 | 2P       |         |          |           |             | —                                 | 3,180       |               |
| 21604             |                   | 4P              | 有        |         |          |           |             | D                                 | 3,300       |               |
| 21605             |                   | 2P              | —        |         |          |           |             | 3,300                             |             |               |
| 21608             | M 1.4 × 0.3       | RH4             | 4P       | 34      | 9        | -         | 3           | 有                                 | B           | 2,990         |
| 21609             |                   |                 | 2P       |         |          |           |             | —                                 | 2,990       |               |
| 21610             |                   | 4P              | 有        |         |          |           |             | D                                 | 3,110       |               |
| 21611             |                   | 2P              | —        |         |          |           |             | 3,110                             |             |               |
| 21614             | M 1.6 × 0.35      | RH4             | 4P       | 36      | 10       | -         | 3           | 有                                 | D           | 3,220         |
| 21615             |                   |                 | 2P       |         |          |           |             | —                                 | 3,220       |               |
| 21616             |                   | 4P              | 有        |         |          |           |             | D                                 | 3,220       |               |
| 21617             |                   | 2P              | —        |         |          |           |             | 3,220                             |             |               |
| 21620             | M 1.7 × 0.35      | RH4             | 4P       | 36      | 11       | -         | 3           | 有                                 | B           | 2,890         |
| 21621             |                   |                 | 2P       |         |          |           |             | —                                 | 2,890       |               |
| 21622             |                   | 4P              | 有        |         |          |           |             | D                                 | 3,000       |               |
| 21623             |                   | 2P              | —        |         |          |           |             | 3,000                             |             |               |
| 21624             | M 1.8 × 0.35      | RH5             | 4P       | 36      | 11       | -         | 3           | 有                                 | D           | 3,000         |
| 21625             |                   |                 | 2P       |         |          |           |             | —                                 | 3,000       |               |
| 21626             |                   | 4P              | 有        |         |          |           |             | D                                 | 3,220       |               |
| 21627             |                   | 2P              | —        |         |          |           |             | 3,220                             |             |               |
| 21628             | M 2 × 0.4         | RH4             | 4P       | 40      | 12       | -         | 3           | 有                                 | B           | 2,670         |
| 21629             |                   |                 | 2P       |         |          |           |             | —                                 | 2,670       |               |
| 21632             |                   | 4P              | 有        |         |          |           |             | B                                 | 2,670       |               |
| 21633             |                   | 2P              | —        |         |          |           |             | 2,670                             |             |               |
| 21634             | M 2.3 × 0.4       | RH5             | 4P       | 42      | 13       | -         | 3           | 有                                 | D           | 2,690         |
| 21635             |                   |                 | 2P       |         |          |           |             | —                                 | 2,690       |               |
| 21636             |                   | 4P              | 有        |         |          |           |             | D                                 | 2,690       |               |
| 21637             |                   | 2P              | —        |         |          |           |             | 2,690                             |             |               |
| 21656             | M 2.5 × 0.45      | RH4             | 4P       | 44      | 14       | -         | 3           | 有                                 | B           | 2,590         |
| 21657             |                   |                 | 2P       |         |          |           |             | —                                 | 2,590       |               |
| 21658             |                   | 4P              | 有        |         |          |           |             | D                                 | 2,690       |               |
| 21659             |                   | 2P              | —        |         |          |           |             | 2,690                             |             |               |
| 21660             | M 2.6 × 0.45      | RH5             | 4P       | 44      | 14       | -         | 3           | 有                                 | D           | 2,690         |
| 21661             |                   |                 | 2P       |         |          |           |             | —                                 | 2,690       |               |
| 21668             |                   | 4P              | 有        |         |          |           |             | B                                 | 2,590       |               |
| 21669             |                   | 2P              | —        |         |          |           |             | 2,590                             |             |               |
| 21670             | M 2.6 × 0.45      | RH4             | 4P       | 44      | 14       | -         | 3           | 有                                 | D           | 2,520         |
| 21671             |                   |                 | 2P       |         |          |           |             | —                                 | 2,520       |               |
| 21672             |                   | 4P              | 有        |         |          |           |             | B                                 | 2,520       |               |
| 21673             |                   | 2P              | —        |         |          |           |             | 2,520                             |             |               |
| 21680             | M 2.6 × 0.45      | RH4             | 4P       | 44      | 14       | -         | 3           | 有                                 | B           | 2,520         |
| 21681             |                   |                 | 2P       |         |          |           |             | —                                 | 2,520       |               |
| 21682             |                   | 4P              | 有        |         |          |           |             | B                                 | 2,520       |               |
| 21683             |                   | 2P              | —        |         |          |           |             | 2,520                             |             |               |

| ツールNo.<br>EDP NO. | 呼び<br>Thread Size | 精度<br>TAP Limit | 食付<br>ℓc | 全長<br>L | ねじ長<br>ℓ | 首下長<br>ℓn | シャンク径<br>Ds | 突き出し<br>センタ<br>External<br>Centre | 在庫<br>Stock | 標準価格<br>(Yen) |
|-------------------|-------------------|-----------------|----------|---------|----------|-----------|-------------|-----------------------------------|-------------|---------------|
| 21684             | M 2.6 × 0.45      | RH6             | 4P       | 44      | 14       | -         | 3           | 有                                 | B           | 2,520         |
| 21685             |                   |                 | 2P       |         |          |           |             | —                                 | 2,520       |               |
| 10730             | M 3 × 0.5         | RH5             | 4P       | 46      | 9        | 18        | 4           | 有                                 | B           | 2,420         |
| 10731             |                   |                 | 2P       |         |          |           |             | —                                 | 2,420       |               |
| 10734             | M 3.5 × 0.6       | RH4             | 4P       | 48      | 9        | 18        | 4           | 有                                 | B           | 2,420         |
| 10735             |                   |                 | 2P       |         |          |           |             | —                                 | 2,420       |               |
| 10738             | M 4 × 0.7         | RH6             | 4P       | 52      | 10       | 20        | 5           | 有                                 | B           | 2,490         |
| 10739             |                   |                 | 2P       |         |          |           |             | —                                 | 2,490       |               |
| 10742             | M 5 × 0.8         | RH6             | 4P       | 60      | 11       | 22        | 5.5         | 有                                 | B           | 2,570         |
| 10743             |                   |                 | 2P       |         |          |           |             | —                                 | 2,570       |               |
| 10746             | M 6 × 1           | RH7             | 4P       | 62      | 12       | 24        | 6           | 有                                 | B           | 2,690         |
| 10747             |                   |                 | 2P       |         |          |           |             | —                                 | 2,690       |               |
| 10750             | M 7 × 1           | RH6             | 4P       | 65      | 13       | 26        | 6.2         | 有                                 | D           | 3,520         |
| 10751             |                   |                 | 2P       |         |          |           |             | —                                 | 3,520       |               |
| 10754             | M 8 × 1.25        | RH6             | 4P       | 70      | 18       | -         | 6.2         | 有                                 | B           | 3,620         |
| 10755             |                   |                 | 2P       |         |          |           |             | —                                 | 3,620       |               |
| 10758             | M 8 × 1           | RH7             | 4P       | 70      | 18       | -         | 6.2         | 有                                 | D           | 4,140         |
| 10759             |                   |                 | 2P       |         |          |           |             | —                                 | 4,140       |               |
| 10762             | M10 × 1.5         | RH7             | 4P       | 75      | 19       | -         | 7           | 有                                 | B           | 4,400         |
| 10763             |                   |                 | 2P       |         |          |           |             | —                                 | 4,400       |               |
| 10766             | M10 × 1.25        | RH7             | 4P       | 75      | 19       | -         | 7           | 有                                 | B           | 4,400         |
| 10767             |                   |                 | 2P       |         |          |           |             | —                                 | 4,400       |               |
| 10770             | M10 × 1           | RH8             | 4P       | 75      | 19       | -         | 7           | 有                                 | B           | 4,970         |
| 10771             |                   |                 | 2P       |         |          |           |             | —                                 | 4,970       |               |
| 10774             | M12 × 1.75        | RH8             | 4P       | 82      | 23       | -         | 8.5         | 有                                 | B           | 6,780         |
| 10775             |                   |                 | 2P       |         |          |           |             | —                                 | 6,780       |               |
| 10776             | M12 × 1.5         | RH7             | 4P       | 82      | 23       | -         | 8.5         | 有                                 | B           | 6,780         |
| 10777             |                   |                 | 2P       |         |          |           |             | —                                 | 6,780       |               |
| 10778             | M12 × 1.25        | RH7             | 4P       | 82      | 23       | -         | 8.5         | 有                                 | B           | 6,780         |
| 10779             |                   |                 | 2P       |         |          |           |             | —                                 | 6,780       |               |
| 10780             | M12 × 1           | RH7             | 4P       | 82      | 23       | -         | 8.5         | 有                                 | B           | 8,570         |
| 10781             |                   |                 | 2P       |         |          |           |             | —                                 | 8,570       |               |
| 10782             | M14 × 2           | RH10            | 4P       | 88      | 25       | -         | 10.5        | 有                                 | B           | 10,700        |
| 10783             |                   |                 | 2P       |         |          |           |             | —                                 | 10,700      |               |
| 10784             | M14 × 1.5         | RH9             | 4P       | 88      | 25       | -         | 10.5        | 有                                 | D           | 10,700        |
| 10785             |                   |                 | 2P       |         |          |           |             | —                                 | 10,700      |               |
| 10786             | M16 × 2           | RH10            | 4P       | 95      | 27       | -         | 12.5        | 有                                 | B           | 13,200        |
| 10787             |                   |                 | 2P       |         |          |           |             | —                                 | 13,200      |               |
| 10788             | M16 × 1.5         | RH9             | 4P       | 95      | 27       | -         | 12.5        | 有                                 | B           | 13,200        |
| 10789             |                   |                 | 2P       |         |          |           |             | —                                 | 13,200      |               |
| 10790             | M18 × 2.5         | RH11            | 4P       | 100     | 29       | -         | 14          | 有                                 | B           | 15,900        |
| 10791             |                   |                 | 2P       |         |          |           |             | —                                 | 15,900      |               |
| 10792             | M18 × 1.5         | RH10            | 4P       | 100     | 29       | -         | 14          | 有                                 | B           | 15,900        |
| 10793             |                   |                 | 2P       |         |          |           |             | —                                 | 15,900      |               |
| 10794             | M20 × 2.5         | RH11            | 4P       | 105     | 30       | -         | 15          | 有                                 | B           | 17,100        |
| 10795             |                   |                 | 2P       |         |          |           |             | —                                 | 17,100      |               |
| 10796             | M20 × 1.5         | RH10            | 4P       | 105     | 30       | -         | 15          | 有                                 | B           | 17,100        |
| 10797             |                   |                 | 2P       |         |          |           |             | —                                 | 17,100      |               |

■シャンク四角部寸法 ℓk, KはP.658をご覧ください。

1. 精度欄   は2級めねじ相当適応のタップ推奨精度です。(P.555参照)
  2. 2002年7月生産以前のものは 2P : M2.3以下は突き出しセンタとなります。
  3. M2.6以下は油溝がありません。
  4. 食付4P : P(通り穴用)、2P : B(止り穴用)
  5. タップ精度はめねじ精度を保証するものではありません。
  6. 切削剤、ペーストはP.582をご参照下さい。
- ※溝なしタップと切削タップでは下穴径が異なります。  
溝なしタップの下穴寸法はP.580を参照下さい。

■ Please see page 658 for shank square length ℓk and width K.

1. The recommended tap limit corresponds to JIS class 2 internal thread standard. (see page 555)
  2. The thing before production will become with up to M2.3(2P) with male center in July 2002.
  3. Thread Size ≤ M2.6: without oil groove.
  4. ℓc: 4P : P (for through holes), 2P : B (for blind holes)
  5. TAP Limit does not guarantee thread limit for the internal thread after tapping.
  6. Cutting fluid and Paste : Please refer to P.582.
- ※ The drill hole diameter for fluteless taps differs from fluted taps.  
Please see page 580 for drill hole size for fluteless taps.

A、B、C、D=標準在庫品 A、B、C、D=Standard stock item.  
□=特定代理店在庫品 □=Stocked by specific distributors. Contact us for price & availability.