

| Overall length | Thread length | Position on basic dia. | Shank dia. | Size of square | Length of square |
|----------------|---------------|------------------------|------------|----------------|------------------|
| L              | $\ell$        | $\ell g$               | Ds         | K              | $\ell k$         |

JIS

①

Spiral Fluted Taps  
(for blind hole)

②

Spiral Fluted Taps  
(for through hole)

③

Spiral Pointed Taps  
(for through hole)

④

Hand Taps

⑤

Cemented  
Carbide Taps

⑥

Roll Taps

⑦

Special Thread Taps  
Simple Inspection Tools

⑧

Pipe Taps

⑨

Thread Mills

⑩

Dies

⑪

Center Drills  
Centering Tools

JIS

## INT-S-NPT

Interrupted Taps for American Taper Pipe Threads, Short ( $\ell g$ ) Type



### Specification



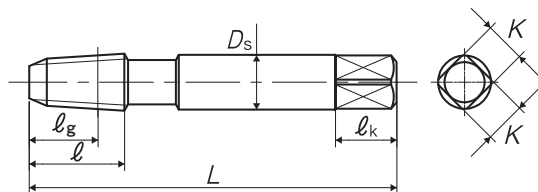
### Recommended Tapping Speeds depending on Materials

|  |   |                                    |
|--|---|------------------------------------|
| Low carbon steels<br>低炭素鋼<br>~5<br>(m/min) | Stainless steels<br>ステンレス鋼<br>~5<br>(m/min) | Cast steels<br>鋳鋼<br>~5<br>(m/min) |
|--|---|------------------------------------|

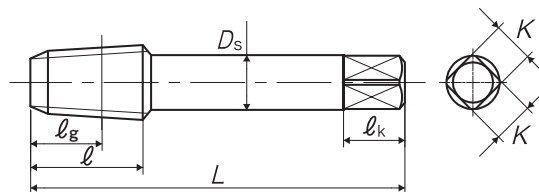
For icon explanation, refer to icon-1

■INT-S-NPT is the tap with short thread portion, and, having low left-hand spiral flutes and having every other thread ground off, reduces cutting torque. INT-S-NPT is suitable for such sticky materials as stainless steels and chrome molybdenum steels.

### TYPE:1



### TYPE:2



Segment : 1G

| Size                      | Class  | Code     | Chamfer | Basic major dia (mm) | L (mm) | $\ell$ (mm) | $\ell g$ (mm) | Ds (mm) | K (mm) | $\ell k$ (mm) | No. of flutes | TYPE | MSRP        |
|---------------------------|--------|----------|---------|----------------------|--------|-------------|---------------|---------|--------|---------------|---------------|------|-------------|
| For American Pipe Threads |        |          |         |                      |        |             |               |         |        |               |               |      |             |
| 1/16-27 NPT               | ANSI G | TISNT01L | 3P      | 7.770                | 54     | 14          | 10.1          | 8       | 6      | 9             | 3             | 1    | ¥ 7,340 *   |
| 1/8-27 NPT                | ANSI G | TISNT02L | 3P      | 10.117               | 55     | 16.5        | 10.5          | 8       | 6      | 9             | 5             | 2    | ¥ 7,340 *   |
| 1/4-18 NPT                | ANSI G | TISNT040 | 3P      | 13.426               | 62     | 19.5        | 12.5          | 11      | 9      | 12            | 5             | 2    | ¥ 10,400 *  |
| 3/8-18 NPT                | ANSI G | TISNT060 | 3P      | 16.866               | 65     | 21          | 14            | 14      | 11     | 14            | 5             | 2    | ¥ 17,400 *  |
| 1/2-14 NPT                | ANSI G | TISNT08Q | 3P      | 20.980               | 80     | 27          | 17            | 18      | 14     | 17            | 5             | 2    | ¥ 28,700 *  |
| 3/4-14 NPT                | ANSI G | TISNT12Q | 3P      | 26.325               | 85     | 29          | 19            | 23      | 17     | 20            | 5             | 2    | ¥ 47,700 *  |
| 1 -11.5 NPT               | ANSI G | TISNT16T | 3P      | 32.934               | 95     | 35          | 22            | 26      | 21     | 24            | 5             | 2    | ¥ 88,400 *  |
| 1 1/4-11.5 NPT            | ANSI G | TISNT20T | 3P      | 41.689               | 105    | 37.5        | 24.5          | 32      | 26     | 30            | 5             | 2    | ¥ 134,000 * |
| 1 1/2-11.5 NPT            | ANSI G | TISNT24T | 3P      | 47.760               | 110    | 38.5        | 25.5          | 38      | 29     | 32            | 7             | 2    | ¥ 191,000 * |
| 2 -11.5 NPT               | ANSI G | TISNT32T | 3P      | 59.797               | 120    | 42.5        | 27.5          | 46      | 35     | 38            | 7             | 2    | ¥ 300,000 * |

※ = Specified Distribution Items. Made to order products.  
For improvement, spec may change without advance notice.