



## N+RZ N-RZ

### Roll Taps for Steels

#### Specification



#### Tapping Speeds depending on Materials

Low carbon steels 低碳素鋼	Medium carbon steels 中炭素鋼
<b>5~15</b> (m/min)	<b>5~15</b> (m/min)

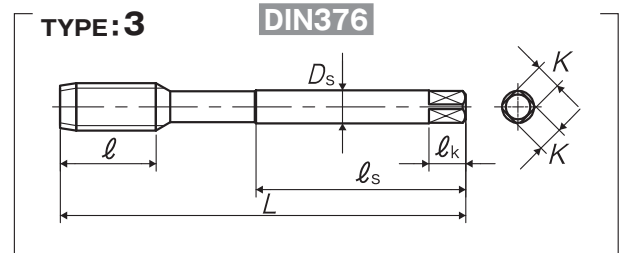
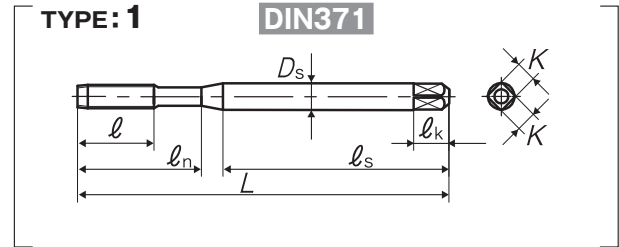
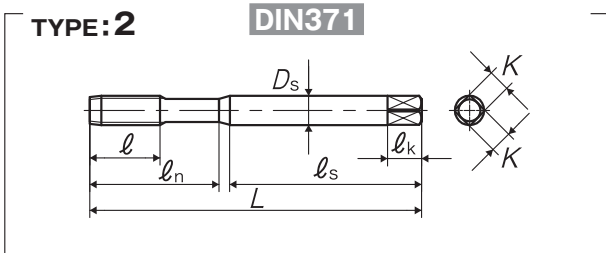
Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓn	ℓs	Ds	K	ℓk



■ N+RZ/N-RZ is the forming tap suitable for steel materials such as carbon steels, alloy steels, and stainless steels.

• Product symbol is distinguished depend on the size.

N+RZ	~ M6
N-RZ	M8 ~



### N+RZ Roll Taps for Steels

Segment: 1J

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	Lobe	TYPE
For Metric Threads												
M2.5 × 0.45	ISO2X	RE2.5FBHEXB	2P	50	8	15	33	2.8	2.1	5	4	1
M3 × 0.5	ISO2X	RE3.0GBHEXB	2P	56	9	18	34	3.5	2.7	6	4	1
M3.5 × 0.6	ISO2X	RE3.5HBHEXB	2P	56	11	20	32	4	3	6	4	1
M4 × 0.7	ISO2X	RE4.0IBHEXB	2P	63	13	21	38	4.5	3.4	6	4	1
M5 × 0.8	ISO2X	RE5.0KBHEXB	2P	70	14	25	39	6	4.9	8	4	1
M6 × 1	ISO2X	RE6.0MBHEXB	2P	80	15	30	45	6	4.9	8	4	1

### N-RZ Roll Taps for Steels

Segment: 1J

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	Lobe	TYPE
For Metric Threads												
M8 × 1.25	ISO2X	RD8.0NBHEXB	2P	90	19	35	47	8	6.2	9	6	2
M10 × 1.5	ISO2X	RD010OBHEXB	2P	100	23	39	52.5	10	8	11	8	2
M12 × 1.75	ISO2X	RG012PBHEXB	2P	110	26	-	56	9	7	10	8	3
M16 × 2	ISO2X	RG016QBHEXB	2P	110	26	-	56	12	9	12	8	3

Number of oil grooves: M2.5 = non, M3~M6 = 4, M8 = 3, M10 and larger = 4

- 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 (Premium Thread Mills)
- ⑩ Dies
- ⑪ Center Drills (Centering Tools)
- ⑫ Precision Machinery/ Metal Surgical Instruments