2 Spiral Fluted Tap Series for through hole

 Overall length
 Thread length
 Thread + Neck length
 Shank length
 Shank dia.
 Size of square
 Length of square

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DIN

Spiral Fluted Taps

Spiral Fluted Taps

Spiral Pointed Taps
(for through hole)

Hand Taps

Cemented Cemented

4

6

Special Thread Taps
Simple Inspection Tools

R Pipe Taps

6 Thread Mills Premium Thread Mills

10

Center Drills entering Tools

Precision Machinery/ lical Surgical Instruments

DIN

Z-PRO MHSL



Z-PRO Spiral Fluted Taps for Carbon Steels of Medium Hardness, Through Hole Use (with LH Spiral Flutes)

Specification











■ Suitable for through hole tapping of medium hardness steels such as forgings of high carbon steels and thermal refined steels. (25HRC ~ 35HRC)

Tapping Speeds depending on Materials

M1.8~M5×0.5

Medium carbon steels 中炭素鋼 2~16 (m/min)

High carbon steed 高炭素鋼 2~16 (m/min) Alloy steels 合金銅 2~16 (m/min)

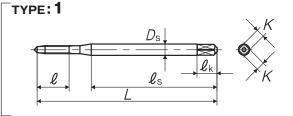
Thermal refined stee 調質鋼 2~16 (m/min) 25~35HRC

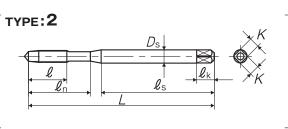
Thermal refined steel 調質鋼 1~12 (m/min) 35~45HRC Tool steels 工具網 **1~12** (m/min)

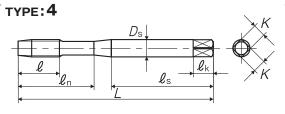
M6~M16

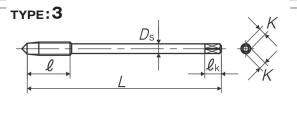
Medium carbon steels 中炭素鋼 10~20 (m/min) Aligh carbon stee 高炭素鋼 10~20 (m/min) Alloy steels 合金銅 10~20 (m/min) Thermal refined steels 調質鋼 10~20 (m/min) 25~35HRC

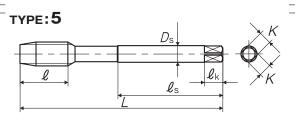
5~15 (m/min)











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S	Segment:1T												
	Size	Class	Code	Chamfer	L (mm)	l (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE
For Metric Threads													
	$M1.8 \times 0.35$	ISO2X	3109101017	B(5P)	40	8	-	28.5	2.5	2.1	5	2	1
	$M2 \times 0.4$	ISO2X	3109101021	5P	45	8	-	32	2.8	2.1	5	2	1
	$M2.2 \times 0.45$	ISO2X	3109101024	B(5P)	45	9	-	32.5	2.8	2.1	5	3	1
	$M2.5 \times 0.45$	ISO2X	3109101029	5P	50	8	15	33	2.8	2.1	5	3	2
	$M3 \times 0.5$	ISO2X	3109101035	5P	56	9	18	34	3.5	2.7	6	3	2
	$M3.5 \times 0.6$	ISO2X	3109101038	5P	56	11	20	32	4	3	6	3	2
	$M4 \times 0.7$	ISO2X	3109101042	5P	63	13	21	38	4.5	3.4	6	3	2
	$M4.5 \times 0.75$	ISO2X	3109101045	5P	70	14	24	39	6	4.9	8	3	2
	$M5 \times 0.8$	ISO2X	3109101049	5P	70	14	25	39	6	4.9	8	3	2
	$M5 \times 0.5$	ISO2X	3109101051	5P	70	11	-	-	3.5	2.7	6	3	3

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

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs _(mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE
M6 × 1	ISO2X	LD6.0MBFCL5	5P	80	15	30	45	6	4.9	8	3	2
M8 × 1.25	ISO2X	LD8.0NBFCL5	5P	90	19	35	47	8	6.2	9	3	4
$M10 \times 1.5$	ISO2X	LD010OBFCL5	5P	100	23	39	52.5	10	8	11	3	4
$M10 \times 1.25$	ISO2X	LM010NBFCL5	5P	100	23	-	51	7	5.5	8	3	5
$M12 \times 1.75$	ISO2X	LG012PBFCL5	5P	110	26	-	56	9	7	10	4	5
$M12 \times 1.5$	ISO2X	LM012OBFCL5	5P	100	21	-	51	9	7	10	4	5
$M12 \times 1.25$	ISO2X	LM012NBFCL7	7P	100	21	-	51	9	7	10	4	5
$M14 \times 1.5$	ISO2X	LM014OBFCL7	7P	100	21	-	51	11	9	12	4	5
$M16 \times 1.5$	ISO2X	LM016OBFCL7	7P	100	21	-	51	12	9	12	4	5

Spiral Fluted Taps (for blind hole)

Hand Taps | Spiral Pointed Taps | Spiral Fluted Taps | (for through hole) |

Carbide Taps

Roll Taps 6

Pipe Taps | Special Thread Taps | Simple Inspection Tools |

Thread Mills | Oremium Thread Mills |

Dies

10

Center Drills
Centering Tools

Precision Machinery/ | National Instruments |