

# ① Spiral Fluted Tap Series for blind hole

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	$\ell$	$\ell_n$	$\ell_s$	Ds	K	$\ell_k$

DIN

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/  
Medical Surgical Instruments

DIN

①-221

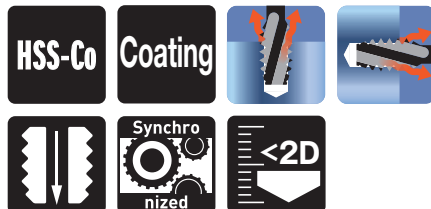
DIN

## HDISP

For Dry Tapping, Blind Hole Use, Spiral Fluted Taps for Steels



### Specification



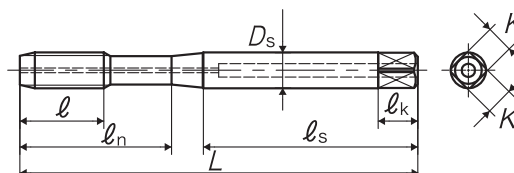
■ Applicable for the tapping under mist or dry condition.

Having center through hole geometry to correspond with inner coolant supply system, HDISP is suitable for carbon steels and alloy steels, blind hole use. For both horizontal and vertical tapping use.

### Tapping Speeds depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼	Alloy steels 合金鋼
10~20 (m/min)	10~20 (m/min)	10~20 (m/min)

### TYPE: 1



Segment : 1D

Size	Class	Code	Chamfer	L (mm)	$\ell$ (mm)	$\ell_n$ (mm)	$\ell_s$ (mm)	Ds (mm)	K (mm)	$\ell_k$ (mm)	No. of flutes	TYPE
For Metric Threads												
M6 × 1	ISO2X	SY6.0MBEDTLZ	2.5P	80	15	30	45	6	4.9	8	3	1
M8 × 1.25	ISO2X	SY8.0NBEDTLZ	2.5P	90	19	35	48	8	6.2	9	3	1
M10 × 1.5	ISO2X	SY0100BEDTLZ	2.5P	100	23	39	53	10	8	11	3	1
M10 × 1.25	ISO2X	SY010NBEDTLZ	2.5P	100	23	39	53	10	8	11	3	1
M12 × 1.75	ISO2X	SY012PBEDTLZ	2.5P	110	26	44	57	12	9	12	3	1
M12 × 1.5	ISO2X	SY0120BEDTLZ	2.5P	110	26	44	57	12	9	12	3	1
M12 × 1.25	ISO2X	SY012NBEDTLZ	2.5P	110	26	44	57	12	9	12	3	1

Think threads with  
**YAMAWA**

· This product is different from JIS products in shape and dimensions, please be careful when using.