

⑧ Pipe Tap Series

Overall length	Thread length	Position on basic dia.	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓg	ℓs	Ds	K	ℓk

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/Metal Surgical Instruments



Z-PRO

PMST OX Rc



Z-PRO

Straight Fluted Taps for Taper Pipe Threads, for High Hardness Materials

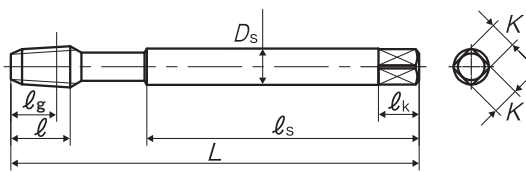
Specification



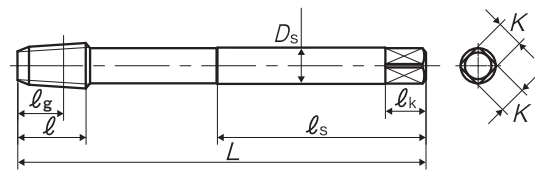
Tapping Speeds depending on Materials

Low carbon steels 低炭素鋼 ~5 (m/min)	Medium carbon steels 中炭素鋼 ~5 (m/min)	High carbon steels 高炭素鋼 ~5 (m/min)	Alloy steels 合金鋼 ~5 (m/min)	Thermal refined steels 調質鋼 ~3 (m/min) 25~35HRC	Thermal refined steels 調質鋼 ~3 (m/min) 35~45HRC	Tool steels 工具鋼 ~5 (m/min)	Cast steels 鑄鋼 ~5 (m/min)
Cast irons 鑄鉄 ~5 (m/min)	Ductile cast irons 強靱鑄鉄 ~5 (m/min)	Aluminum alloy castings アルミ合金鑄物 ~7 (m/min)	Magnesium alloy die castings マグネシウム合金鑄物 ~7 (m/min)	Zinc alloy castings 亜鉛合金鑄物 ~7 (m/min)	Brass 黄銅 ~7 (m/min)	Brass castings 黄銅鑄物 ~7 (m/min)	

TYPE: 1



TYPE: 2



Segment : 1H

Size	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	ℓg (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	TYPE
For Pipe Threads												
Rc 1/16-28	3118020002	C (2.5P)	7.723	90	14	10.1	46	6	4.9	8	4	1
Rc 1/8-28	3118020004	C (2.5P)	9.728	90	15	10.1	46	7	5.5	8	4	2
Rc 1/4-19	3118020006	C (2.5P)	13.157	100	19	15.0	51	11	9	12	4	2
Rc 3/8-19	3118020008	C (2.5P)	16.662	100	21	15.4	51	12	9	12	4	2
Rc 1/2-14	3118020009	C (2.5P)	20.955	125	26	20.5	64	16	12	15	4	2
Rc 3/4-14	3118020011	C (2.5P)	26.441	140	28	21.8	71	20	16	19	4	2
Rc 1 -11	3118020013	C (2.5P)	33.249	160	33	26.0	82	25	20	23	5	2

DIN

⑧-13

Think threads with
YAMAWA

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