

8 Pipe Tap Series

Overall length	Thread length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ_s	Ds	K	ℓ_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

⑧-25

Z-PRO

AUSP G

Z-PRO

Coated Spiral Fluted Taps for Parallel Pipe Threads



Specification



Tapping Speeds depending on Materials

Low carbon steels
低炭素鋼
5~15
(m/min)

Medium carbon steels
中炭素鋼
5~15
(m/min)

High carbon steels
高炭素鋼
5~15
(m/min)

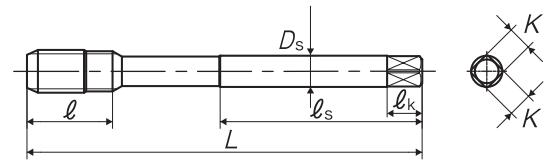
Alloy steels
合金鋼
5~15
(m/min)

Stainless steels
ステンレス鋼
~3
(m/min)

Aluminum alloy castings
アルミ合金鋳物
5~15
(m/min)

Zinc alloy castings
亜鉛合金鋳物
5~15
(m/min)

TYPE: 1



Segment : 1G

Size	Class	Code	Chamfer	Basic major dia (mm)	L (mm)	ℓ (mm)	ℓ_s (mm)	Ds (mm)	K (mm)	ℓ_k (mm)	No. of flutes	TYPE
For Pipe Threads												
G 1/8-28	ISO228X	3119130004	C (2.5P)	9.728	90	19	46	7	5.5	8	3	1
G 1/4-19	ISO228X	3119130006	C (2.5P)	13.157	100	21	51	11	9	12	3	1
G 3/8-19	ISO228X	3119130008	C (2.5P)	16.662	100	21	51	12	9	12	3	1
G 1/2-14	ISO228X	3119130009	C (2.5P)	20.955	125	24	64	16	12	15	4	1
G 3/4-14	ISO228X	3119130011	C (2.5P)	26.441	140	27	71	20	16	19	4	1
G 1 -11	ISO228X	3119130013	C (2.5P)	33.249	160	29	82	25	20	23	4	1

Think threads with
YAMAWA

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