

Z-PRO GGST CH

Z-PRO

Straight Fluted Taps for Cast Irons with Coolant Through Hole, Blind Hole Use

Specification

HSS

Coating



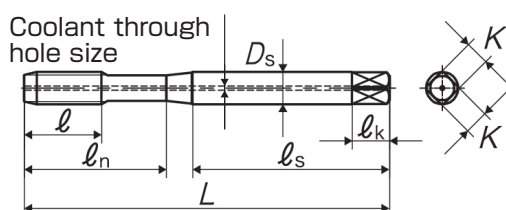
■ Suitable for hard and abrasive materials such as cast irons. Considering comparatively quick wear, GGST CH is properly oversized.

Tapping Speeds depending on Materials

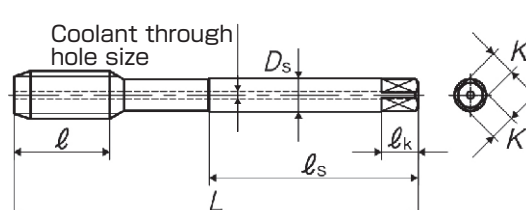
Cast irons
鑄鉄
20~30
(m/min)

Ductile cast irons
強靱鑄鉄
20~30
(m/min)

TYPE:1



TYPE:2



Segment : 1B

Size	Class	Code	Chamfer	L (mm)	l (mm)	ln (mm)	ls (mm)	Ds (mm)	K (mm)	lk (mm)	No. of flutes	Coolant hole size (mm)	TYPE
For Metric Threads													
M6 × 1	ISO2X	3205101055	C (2.5P)	80	15	30	45	6	4.9	8	4	1	1
M6 × 1	ISO2X	3206101055	E (1.5P)	80	15	30	45	6	4.9	8	4	1	1
M7 × 1	ISO2X	3205101060	C (2.5P)	80	15	30	45	7	5.5	8	4	1	1
M7 × 1	ISO2X	3206101060	E (1.5P)	80	15	30	45	7	5.5	8	4	1	1
M8 × 1.25	ISO2X	3205101064	C (2.5P)	90	19	35	47	8	6.2	9	4	1	1
M8 × 1.25	ISO2X	3206101064	E (1.5P)	90	19	35	47	8	6.2	9	4	1	1
M8 × 1	ISO2X	3205101065	C (2.5P)	90	19	-	46	6	4.9	8	4	1	2
M10 × 1.5	ISO2X	3205101078	C (2.5P)	100	23	39	52.5	10	8	11	4	1.5	1
M10 × 1.5	ISO2X	3206101078	E (1.5P)	100	23	39	52.5	10	8	11	4	1.5	1
M10 × 1.25	ISO2X	3205101079	C (2.5P)	100	23	-	51	7	5.5	8	4	1.5	2
M10 × 1.25	ISO2X	3206101079	E (1.5P)	100	23	-	51	7	5.5	8	4	1.5	2
M10 × 1	ISO2X	3205101080	C (2.5P)	90	19	-	46	7	5.5	8	4	1.5	2
M10 × 1	ISO2X	3206101080	E (1.5P)	90	19	-	46	7	5.5	8	4	1.5	2
M12 × 1.75	ISO2X	3205101088	C (2.5P)	110	26	-	56	9	7	10	4	2	2
M12 × 1.75	ISO2X	3206101088	E (1.5P)	110	26	-	56	9	7	10	4	2	2
M12 × 1.5	ISO2X	3205101089	C (2.5P)	100	21	-	51	9	7	10	4	2	2
M12 × 1.5	ISO2X	3206101089	E (1.5P)	100	21	-	51	9	7	10	4	2	2
M12 × 1.25	ISO2X	3205101090	C (2.5P)	100	21	-	51	9	7	10	4	2	2
M12 × 1.25	ISO2X	3206101090	E (1.5P)	100	21	-	51	9	7	10	4	2	2
M14 × 2	ISO2X	3205101100	C (2.5P)	110	26	-	56	11	9	12	4	2	2
M14 × 2	ISO2X	3206101100	E (1.5P)	110	26	-	56	11	9	12	4	2	2
M14 × 1.5	ISO2X	3205101102	C (2.5P)	100	21	-	51	11	9	12	4	2	2
M14 × 1.5	ISO2X	3206101102	E (1.5P)	100	21	-	51	11	9	12	4	2	2

④ Hand Tap Series

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

DIN

GGST CH Z-PRO Straight Fluted Taps for Cast Irons with Coolant Through Hole, Blind Hole Use

Size	Class	Code	Chamfer	L (mm)	ℓ (mm)	ℓn (mm)	ℓs (mm)	Ds (mm)	K (mm)	ℓk (mm)	No. of flutes	Coolant hole size (mm)	TYPE
M16 × 2	ISO2X	3205101114	C (2.5P)	110	26	-	56	12	9	12	4	2	2
M16 × 2	ISO2X	3206101114	E (1.5P)	110	26	-	56	12	9	12	4	2	2
M16 × 1.5	ISO2X	3205101116	C (2.5P)	100	21	-	51	12	9	12	4	2	2
M16 × 1.5	ISO2X	3206101116	E (1.5P)	100	21	-	51	12	9	12	4	2	2
M18 × 2.5	ISO2X	3205101128	C (2.5P)	125	33	-	64	14	11	14	4	2	2
M18 × 1.5	ISO2X	3205101130	C (2.5P)	110	24	-	56	14	11	14	4	2	2
M20 × 2.5	ISO2X	3205101141	C (2.5P)	140	33	-	71	16	12	15	4	2	2
M20 × 1.5	ISO2X	3205101144	C (2.5P)	125	24	-	64	16	12	15	4	2	2
M24 × 3	ISO2X	3205101167	C (2.5P)	160	37	-	82	18	14.5	17	4	2	2

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

④-105

Think threads with
YAMAWA

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