

HSS-E High performance threading Tap

Tap-Star

KORLOY
TECH-NEWS



- High toughness HSS-E substrate for improved chipping resistance
- Optimally designed shape for various workpiece cutting

HSS-E high performance threading Tap

Tap-Star

KORLOY launched the HSS-E Tap with various advantages such as price and quality in order to increase customer productivity.

Tap-Star extended its tool life by enhancing the toughness of its HSS-E substrate, and special treatment of the chamfer cutting edge improved chipping

resistance. In addition, its TiAlN coating ensures high oxidization resistance and wear resistance.

KORLOY Tap-Star HSS-E Tap provides a threading solution increasing customer productivity with a long tool life and highly efficient machining.



Higher chipping resistance

- Chipping reduced by applying high toughness substrate
- Special chamfer edge treatment

Higher wear resistance

- TiAlN coating with high temperature oxidation resistance

Optimal shape

- Flute shape for smooth chip evacuation
- Designed with an optimal relief angle for high chipping resistance

Cost efficiency of tool

- Providing the best performance and quality

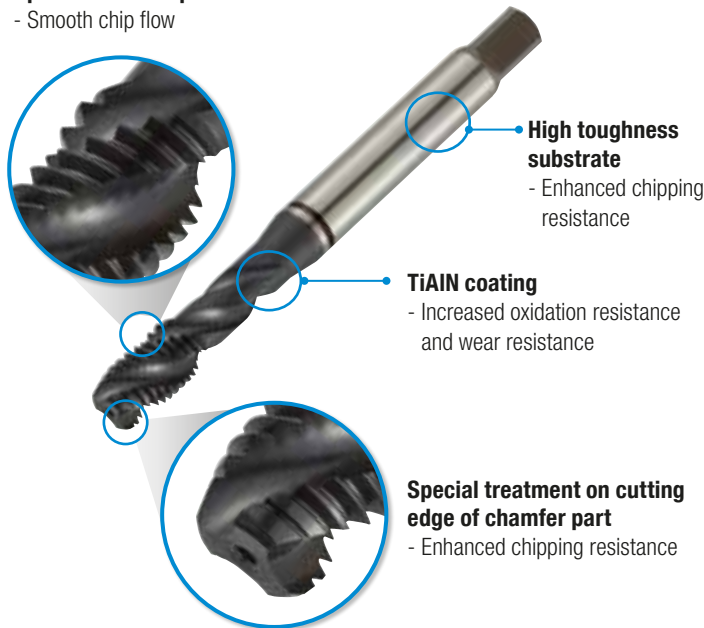
Code system

S	V	Q	A	M	06	100	25	(S)
Tap-Star - Tap-Star	Substrate V: HSS-E	Type G: Straight (DIN) D: Point (DIN) Q: Spiral (DIN) M: Roll (DIN) S: Straight (JIS) P: Spiral (JIS) N: Point (JIS) R: Roll (JIS) F: Spiral Roll (JIS)	Surface treatment A: TiAlN N: Nitride H: Homo O: None (X) T: TiN C: TiCN	Thread M: Meter thread	Size 06: M6 12: M12	Pitch 050: 0.5 100: 1.0 150: 1.5	Chamfer length 15: 1.5P 20: 2.0P 25: 2.5P 40: 4.0P 50: 5.0P	Oil groove S: 1 oil groove M: 4 oil grooves

Features

Optimal flute shape

- Smooth chip flow



ISO13399 Terms

TDZ	Thread diameter size
TP	Thread pitch
LU	Usable length (max. recommended)
CZC-MS	Connection size code machine side
DCON-WS	Connection diameter Workpiece side
DCON-MS	Connection diameter machine side
TD	Thread diameter
LF	Functional length
THL	Thread length
NOF	Flute count
PHD	Premachined hole diameter
BSG	Basic standard group
THCHT	Threading chamfer type
TCTR	Thread tolerance class

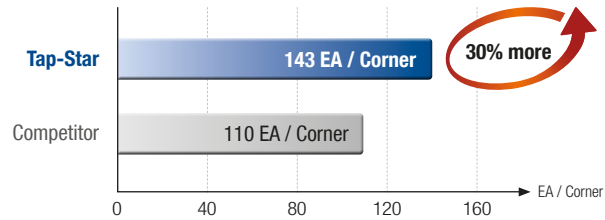
Icon Guide

Shank type		Tool type		Coating		Workpiece		Chamfer lead		Thread type		Class of thread		Substrate	
DIN	DIN	Spiral flute	SFT	Un-coated	X	Black ring	P(K)	Form C (chamfer lead 2 - 3 Thread)	C Form	M	M	6H	6H	HSS-E	HSS-E
JIS	JIS	Spiral point	SPT	HOMO	HOMO	Green ring	K	Form B (chamfer lead 4 - 5 Thread)	B Form	MF	MF	6HX	6HX	-	-
-	-	Straight	STT	Nitride	Nitride	Blue ring	M(H)	Form E (chamfer lead 1.5 - 2 Thread)	E Form	-	-	ISO H2-4	H2-4	-	-
-	-	Roll	RT	TiN	TiN	Yellow ring	N	-	-	-	-	ISO H5-8	H5-8	-	-
-	-	Spiral Roll	SRT	TiCN	TiCN	-	-	-	-	-	-	ISO H6-7	H6-7	-	-
-	-	-	-	TiAlN	TiAlN	-	-	-	-	-	-	-	-	-	-

Application examples

Alloy steel (SNCM439)

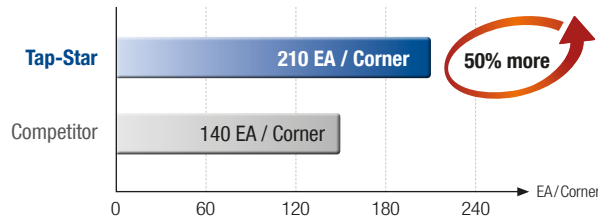
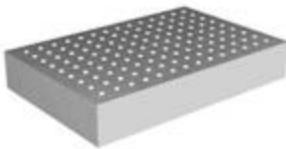
Workpiece	Cutting tool
Cutting condition	Premachined hole diameter (\emptyset) = 3,5 mm · vc = 5 m/min · ap = 13 mm · wet
Tool	SVDAM0407050 (M4x0.70)



» 30% longer tool life than competitor

Pre-hardened steel (KP4M)

Workpiece	Plate
Cutting condition	Premachined hole diameter (\emptyset) = 8,5 mm · vc = 8 m/min · ap = 15 mm · wet
Tool	SVQAM1015025 (M10x1.50)



» 50% longer tool life than competitor

Recommended cutting conditions

⊙: Recommended ○: Applicable △: Usable —: unusable

ISO	Workpiece		Cutting speed, vc (m/min)					Cutting fluid			
			Straight Tap	Spiral Tap	Point Tap	Carbide Tap	Roll Tap	Insoluble	Water soluble (emulsion)	Semi dry	Dry
P	Low carbon steel	< C25	8-13	8-13	15-25	-	8-13	⊙	○	△	△
	Medium carbon steel	C25-C45	7-12	7-12	10-15	-	7-10	⊙	○	△	△
	High carbon steel	> C45	6-9	6-9	8-13	-	5-8	⊙	○	△	△
	Alloy steel	CrMoS4	7-12	7-12	10-15	-	5-8	⊙	△	△	△
	Quenched and tempered steel	25-45HRC	3-5	3-5	4-6	-	-	⊙	△	—	—
	Tool steel	X30WCrV9.3	6-9	6-9	7-10	-	-	⊙	—	—	—
	Cast steel	GS	6-11	6-11	10-15	-	-	⊙	○	—	—
M	Stainless steel	CrNi	4-7	5-8	8-13	-	5-10	⊙	○	—	—
	Precipitation hardened stainless steel	X5CrNiCuNb16-4 X7CrNiAl7-7	3-5	3-5	4-6	-	-	⊙	—	—	—
K	Cast iron	GG	10-15	-	-	10-20	-	⊙	○	○	○
	Ductile cast iron	GGG	7-12	7-12	10-20	10-20	-	⊙	○	○	—
N	Copper	Cu	6-9	6-11	7-12	10-20	7-12	○	○	—	—
	Brass, brass-cast	17660	10-15	10-20	15-25	15-25	7-12	○	○	—	—
	Bronze, bronze-cast	-	6-11	6-11	10-20	10-20	7-12	○	○	—	—
	Rolled aluminum	Awxx	10-20	10-20	15-25	-	10-20	⊙	○	△	—
	Aluminum-cast, alloyed	G-AlSi, GD-AlMg	10-15	10-15	15-20	10-20	10-25	⊙	○	△	—
	Magnesium-cast, alloyed	MC	7-12	7-12	10-15	10-20	-	⊙	○	○	—
	Zinc-cast, alloyed	-	1-12	7-12	10-15	10-20	7-12	⊙	○	△	—
	Thermosetting plastic	Bakelite phenol epoxy	10-20	-	-	15-25	-	—	○	○	○
	Thermoplastic	Nylon vinyl chloride	10-20	10-15	10-20	10-20	-	—	○	○	○

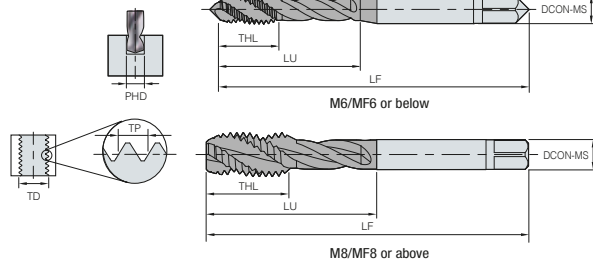
Line-up for blind hole and through hole

Type	Designation	Picture	Product name	Coated	Size		
					Min.	Max.	
DIN	Spiral	SVQAM		Spiral flute Tap	TiAlN	M2	M24
		SVQNM			Nitride	M2	M24
		SVQHM <small>new</small>			Homo	M2	M24
		SVQOM			-	M2	M24
	Point	SVDAM		Spiral point Tap	TiAlN	M2	M24
		SVDNM			Nitride	M2	M24
		SVDHM <small>new</small>			Homo	M2	M24
		SVDOM			-	M2	M24
	Straight	SVGAM		Straight flute Tap	TiAlN	M3	M24
	Roll	SVMOM		Roll Tap	-	M3	M12
		SVMTM			TiN	M3	M12
		SVMCM			TiCN	M3	M12
JIS	Spiral	SVPAM		Spiral flute Tap	TiAlN	M2	M24
		SVPNM			Nitride	M2	M24
		SVPHM <small>new</small>			Homo	M2	M24
		SVPOM			-	M2	M24
	Point	SVNAM		Spiral point Tap	TiAlN	M2	M24
		SVNNM			Nitride	M2	M24
		SVNHM <small>new</small>			Homo	M2	M24
		SVNOM			-	M2	M24
	Straight	SVSAM		Straight flute Tap	TiAlN	M3	M24
	Roll	SVROM		Roll Tap	-	M3	M12
		SVRTM			TiN	M3	M12
		SVRCM			TiCN	M3	M12
Spiral	SVFOM		Spiral roll Tap	-	M3	M6	
	SVFTM			TiN	M3	M6	
	SVFCM			TiCN	M3	M6	

SVQAM

Spiral flute Tap

- DIN
- SFT
- TITAN
- P(K)
- C Form
- M MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204025	●	M2	0,4	12,5	2,8 x 2,1	2,8	2	45	8	3	1,6	DIN371
025045025	●	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	3	2,1	DIN371
0305025	●	M3	0,5	17	3,5 x 2,7	3,5	3	56	6	3	2,5	DIN371
0407025	●	M4	0,7	20,5	4,5 x 3,4	4,5	4	63	7,5	3	3,3	DIN371
0508025	●	M5	0,8	25	6 x 4,9	6	5	70	9	3	4,2	DIN371
0610025	●	M6	1	29	6 x 4,9	6	6	80	11	3	5	DIN371
0812525	●	M8	1,25	34	8 x 6,2	8	8	90	13	3	6,8	DIN371
1015025	●	M10	1,5	38	10 x 8	10	10	100	16	3	8,5	DIN371
1217525	●	M12	1,75	40	9 x 7	9	12	110	18	3	10,2	DIN376
1420025	●	M14	2	45	11 x 9	11	14	110	20	4	12	DIN376
1620025	●	M16	2	52	12 x 9	12	16	110	20	4	14	DIN376
1825025	●	M18	2,5	55	14 x 11	14	18	125	22	4	15,5	DIN376
2025025	●	M20	2,5	58	16 x 12	16	20	140	25	4	17,5	DIN376
2225025	●	M22	2,5	63	18 x 14,5	18	22	140	25	4	19,5	DIN376
2430025	●	M24	3	66	18 x 14,5	18	24	160	28	4	21	DIN376
0405025	●	MF4	0,5	20,5	2,8 x 2,1	2,8	4	63	7,5	3	3,5	DIN374
0505025	○	MF5	0,5	24	3,5 x 2,7	3,5	5	70	8	3	4,5	DIN374
0507525	○	MF5	0,75	24	3,5 x 2,7	3,5	5	70	8	3	4,8	DIN374
0605025	●	MF6	0,5	26	4,5 x 3,4	4,5	6	80	8	3	5,5	DIN374
0607525	●	MF6	0,75	26	4,5 x 3,4	4,5	6	80	8	3	5,3	DIN374
SVQAM 0807525	○	MF8	0,75	34	6 x 4,9	6	8	80	10	3	7,3	DIN374
0810025	●	MF8	1	34	6 x 4,9	6	8	90	10	3	7	DIN374
1007525	○	MF10	0,75	38	7 x 5,5	7	10	90	14	3	9,3	DIN374
1010025	●	MF10	1	38	7 x 5,5	7	10	90	14	3	9	DIN374
1012525	●	MF10	1,25	38	7 x 5,5	7	10	100	14	3	8,8	DIN374
1210025	●	MF12	1	48	9 x 7	9	12	100	14	3	11	DIN374
1212525	●	MF12	1,25	48	9 x 7	9	12	100	14	3	10,8	DIN374
1215025	●	MF12	1,5	48	9 x 7	9	12	100	14	3	10,5	DIN374
1410025	●	MF14	1	48	11 x 9	11	14	100	18	3	13	DIN374
1412525	●	MF14	1,25	48	11 x 9	11	14	100	18	3	12,8	DIN374
1415025	●	MF14	1,5	48	11 x 9	11	14	100	18	3	12,5	DIN374
1610025	●	MF16	1	52	12 x 9	12	16	100	18	3	15	DIN374
1612525	●	MF16	1,25	52	12 x 9	12	16	100	18	4	14,8	DIN374
1615025	●	MF16	1,5	52	12 x 9	12	16	100	18	4	14,5	DIN374
1815025	●	MF18	1,5	55	14 x 11	14	18	110	18	4	16,5	DIN374
1820025	●	MF18	2	55	14 x 11	14	18	125	22	4	16	DIN374
2015025	●	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2020025	●	MF20	2	58	16 x 12	16	20	140	25	4	18	DIN374
2215025	●	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415025	●	MF24	1,5	66	18 x 14,5	18	24	140	25	4	22,5	DIN374
2420025	○	MF24	2	66	18 x 14,5	18	24	140	25	4	22	DIN374

Applicable workpiece range

◎: Excellent ○: Good

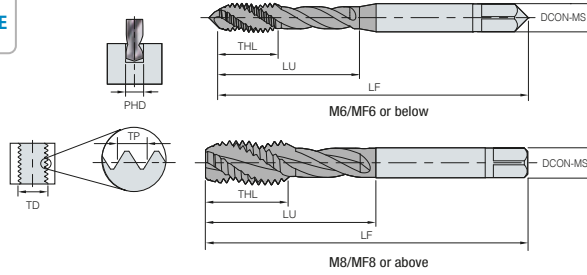
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVQNM

Spiral flute Tap

- DIN
- SFT
- Nitride
- M(H)
- C Form
- MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204025	●	M2	0,4	12,5	2,8 x 2,1	2,8	2	45	8	3	1,6	DIN371
025045025	●	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	3	2,1	DIN371
0305025	●	M3	0,5	17	3,5 x 2,7	3,5	3	56	6	3	2,5	DIN371
0407025	●	M4	0,7	20,5	4,5 x 3,4	4,5	4	63	7,5	3	3,3	DIN371
0508025	●	M5	0,8	25	6 x 4,9	6	5	70	9	3	4,2	DIN371
0610025	●	M6	1	26	6 x 4,9	6	6	80	11	3	5	DIN371
0812525	●	M8	1,25	34	8 x 6,2	8	8	90	13	3	6,8	DIN371
1015025	●	M10	1,5	38	10 x 8	10	10	100	16	3	8,5	DIN371
1217525	●	M12	1,75	40	9 x 7	9	12	110	18	3	10,2	DIN376
1420025	●	M14	2	45	11 x 9	11	14	110	20	3	12	DIN376
1620025	●	M16	2	52	12 x 9	12	16	110	20	4	14	DIN376
1825025	○	M18	2,5	55	14 x 11	14	18	125	22	4	15,5	DIN376
2025025	●	M20	2,5	58	16 x 12	16	20	140	25	4	17,5	DIN376
2225025	○	M22	2,5	63	18 x 14,5	18	22	140	25	4	19,5	DIN376
2430025	○	M24	3	66	18 x 14,5	18	24	160	28	4	21	DIN376
0405025	●	MF4	0,5	20,5	2,8 x 2,1	2,8	4	63	7,5	3	3,5	DIN374
0505025	●	MF5	0,5	25	3,5 x 2,7	3,5	5	70	8	3	4,5	DIN374
0607525	●	MF6	0,75	30	4,5 x 3,4	4,5	6	80	8	3	5,3	DIN374
0807525	○	MF8	0,75	30	6 x 4,9	6	8	80	10	3	7,3	DIN374
0810025	●	MF8	1	34	6 x 4,9	6	8	90	13	3	7	DIN374
1007525	○	MF10	0,75	39	7 x 5,5	7	10	90	14	3	9,3	DIN374
1010025	○	MF10	1	39	7 x 5,5	7	10	90	14	3	9	DIN374
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1212525	○	MF12	1,25	48	9 x 7	9	12	100	14	3	10,8	DIN374
1215025	○	MF12	1,5	48	9 x 7	9	12	100	14	3	10,5	DIN374
1410025	●	MF14	1	48	11 x 9	11	14	100	18	3	13	DIN374
1415025	●	MF14	1,5	48	11 x 9	11	14	100	18	3	12,5	DIN374
1610025	●	MF16	1	52	12 x 9	12	16	100	18	4	15	DIN374
1615025	●	MF16	1,5	52	12 x 9	12	16	100	18	4	14,5	DIN374
1815025	○	MF18	1,5	55	14 x 11	14	18	110	18	4	16,5	DIN374
1820025	○	MF18	2	55	14 x 11	14	18	125	22	4	16	DIN374
2015025	○	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2215025	○	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415025	○	MF24	1,5	66	18 x 14,5	18	24	140	25	4	22,5	DIN374
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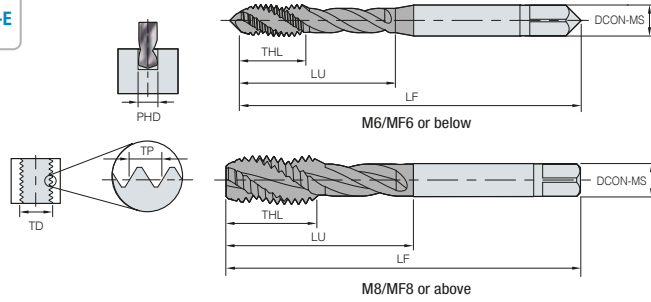
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○	○	○	○			◎	○	○	○	◎						○			○	○	○	

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVQHM

Spiral flute Tap

- DIN
- SFT
- HOMO
- P(K)
- C Form
- MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204025	○	M2	0,4	12,5	2,8 x 2,1	2,8	2	45	8	3	1,6	DIN371
025045025	○	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	3	2,1	DIN371
0305025	●	M3	0,5	17	3,5 x 2,7	3,5	3	56	6	3	2,5	DIN371
0407025	●	M4	0,7	20,5	4,5 x 3,4	4,5	4	63	7,5	3	3,3	DIN371
0508025	●	M5	0,8	25	6 x 4,9	6	5	70	9	3	4,2	DIN371
0610025	●	M6	1	29	6 x 4,9	6	6	80	11	3	5	DIN371
0812525	●	M8	1,25	34	8 x 6,2	8	8	90	13	3	6,8	DIN371
1015025	●	M10	1,5	38	10 x 8	10	10	100	16	3	8,5	DIN371
1217525	●	M12	1,75	40	9 x 7	9	12	110	18	3	10,2	DIN376
1420025	●	M14	2	45	11 x 9	11	14	110	20	3	12	DIN376
1620025	●	M16	2	52	12 x 9	12	16	110	20	4	14	DIN376
1825025	●	M18	2,5	55	14 x 11	14	18	125	22	4	15,5	DIN376
2025025	●	M20	2,5	58	16 x 12	16	20	140	25	4	17,5	DIN376
2225025	●	M22	2,5	63	18 x 14,5	18	22	140	25	4	19,5	DIN376
2430025	●	M24	3	66	18 x 14,5	18	24	160	28	4	21	DIN376
0405025	○	MF4	0,5	20,5	2,8 x 2,1	2,8	4	63	7,5	3	3,5	DIN374
0505025	○	MF5	0,5	25	3,5 x 2,7	3,5	5	70	8	3	4,5	DIN374
0607525	○	MF6	0,75	30	4,5 x 3,4	4,5	6	80	8	3	5,3	DIN374
0807525	○	MF8	0,75	30	6 x 4,9	6	8	80	10	3	7,3	DIN374
0810025	●	MF8	1	34	6 x 4,9	6	8	90	10	3	7	DIN374
1007525	○	MF10	0,75	39	7 x 5,5	7	10	90	13	3	9,3	DIN374
1010025	●	MF10	1	39	7 x 5,5	7	10	90	14	3	9	DIN374
1012525	●	MF10	1,25	38	7 x 5,5	7	10	100	13	3	8,8	DIN374
1210025	●	MF12	1	48	9 x 7	9	12	100	16	3	11	DIN374
1212525	●	MF12	1,25	48	9 x 7	9	12	100	14	3	10,8	DIN374
1215025	○	MF12	1,5	48	9 x 7	9	12	100	14	3	10,5	DIN374
1410025	○	MF14	1	48	11 x 9	11	14	100	18	3	13	DIN374
1415025	●	MF14	1,5	48	11 x 9	11	14	100	18	3	12,5	DIN374
1610025	○	MF16	1	52	12 x 9	12	16	100	18	3	15	DIN374
1615025	●	MF16	1,5	52	12 x 9	12	16	100	18	4	14,5	DIN374
1815025	●	MF18	1,5	55	14 x 11	14	18	110	18	4	16,5	DIN374
1820025	○	MF18	2	55	14 x 11	14	18	125	22	4	16	DIN374
2015025	○	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2215025	●	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415025	○	MF24	1,5	66	18 x 14,5	18	24	140	25	4	22,5	DIN374
2420025	○	MF24	2	66	18 x 14,5	18	24	140	25	4	22	DIN374

Applicable workpiece range

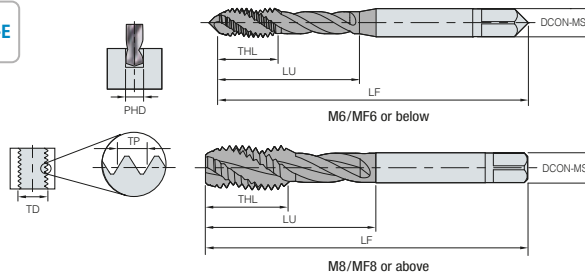
◎: Excellent ○: Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVQOM

Spiral flute Tap



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204025	○	M2	0,4	12,5	2,8 x 2,1	2,8	2	45	8	2	1,6	DIN371
025045025	○	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	2	2,1	DIN371
0305025	●	M3	0,5	17	3,5 x 2,7	3,5	3	56	6	2	2,5	DIN371
0407025	●	M4	0,7	20,5	4,5 x 3,4	4,5	4	63	7,5	2	3,3	DIN371
0508025	●	M5	0,8	25	6 x 4,9	6	5	70	9	2	4,2	DIN371
0610025	●	M6	1	26	6 x 4,9	6	6	80	11	2	5	DIN371
0812525	●	M8	1,25	34	8 x 6,2	8	8	90	13	2	6,8	DIN371
1015025	●	M10	1,5	38	10 x 8	10	10	100	16	2	8,5	DIN371
1217525	●	M12	1,75	40	9 x 7	9	12	110	18	3	10,2	DIN376
1420025	●	M14	2	45	11 x 9	11	14	110	20	4	12	DIN376
1620025	●	M16	2	52	12 x 9	12	16	110	20	3	14	DIN376
1825025	○	M18	2,5	55	14 x 11	14	18	125	22	2	15,5	DIN376
2025025	○	M20	2,5	58	16 x 12	16	20	140	25	4	17,5	DIN376
2225025	○	M22	2,5	63	18 x 14,5	18	22	140	25	4	19,5	DIN376
2430025	●	M24	3	66	18 x 14,5	18	24	160	28	4	21	DIN376
0405025	○	MF4	0,5	20,5	2,8 x 2,1	2,8	4	63	7,5	2	3,5	DIN374
0505025	○	MF5	0,5	25	3,5 x 2,7	3,5	5	70	8	2	4,5	DIN374
0607525	○	MF6	0,75	30	4,5 x 3,4	4,5	6	80	8	2	5,3	DIN374
0807525	○	MF8	0,75	30	6 x 4,9	6	8	80	10	2	7,3	DIN374
0810025	○	MF8	1	34	6 x 4,9	6	8	90	13	2	7	DIN374
1007525	○	MF10	0,75	38	7 x 5,5	7	10	90	14	2	9,3	DIN374
1010025	○	MF10	1	38	7 x 5,5	7	10	90	14	2	9	DIN374
1012525	○	MF10	1,25	38	7 x 5,5	7	10	100	16	2	8,8	DIN374
1210025	○	MF12	1	48	9 x 7	9	12	100	14	3	11	DIN374
1212525	○	MF12	1,25	48	9 x 7	9	12	100	14	3	10,8	DIN374
1215025	○	MF12	1,5	48	9 x 7	9	12	100	14	3	10,5	DIN374
1410025	○	MF14	1	48	11 x 9	11	14	100	18	3	13	DIN374
1415025	●	MF14	1,5	48	11 x 9	11	14	100	18	3	12,5	DIN374
1610025	○	MF16	1	52	12 x 9	12	16	100	18	3	15	DIN374
1615025	○	MF16	1,5	52	12 x 9	12	16	100	18	3	14,5	DIN374
1815025	○	MF18	1,5	55	14 x 11	14	18	110	18	4	16,5	DIN374
1820025	○	MF18	2	55	14 x 11	14	18	125	22	4	16	DIN374
2015025	○	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2215025	○	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415025	○	MF24	1,5	66	18 x 14,5	18	24	140	25	4	22,5	DIN374
2420025	○	MF24	2	66	18 x 14,5	18	24	140	25	4	22	DIN374

Applicable workpiece range

◎: Excellent ○: Good

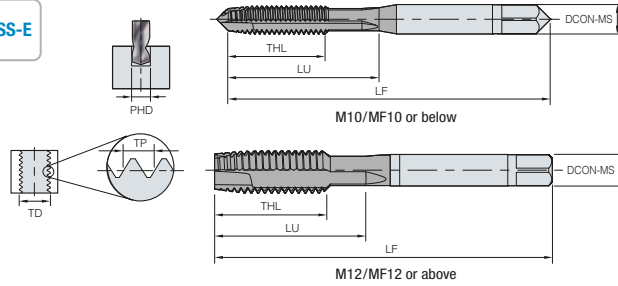
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVDAM

Spiral point Tap

- DIN
- SPT
- TiAIN**
- P(K)
- B Form
- M MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204050	●	M2	0,4	12,5	2,8 x 2,1	2,8	2	45	8	3	1,6	DIN371
022045050	●	M2,2	0,45	15	2,8 x 2,1	2,8	2,2	45	9	3	1,8	DIN371
025045050	●	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	3	2,1	DIN371
0305050	●	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	3	2,5	DIN371
03506050	●	M3,5	0,6	20	4 x 3	4	3,5	56	13	3	2,9	DIN371
0407050	●	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	3	3,3	DIN371
0508050	●	M5	0,8	25	6 x 4,9	6	5	70	16	3	4,2	DIN371
0610050	●	M6	1	30	6 x 4,9	6	6	80	19	3	5	DIN371
0812550	●	M8	1,25	35	8 x 6,2	8	8	90	22	3	6,8	DIN371
1015050	●	M10	1,5	39	10 x 8	10	10	100	24	3	8,5	DIN371
1217550	●	M12	1,75	40	9 x 7	9	12	110	29	3	10,2	DIN376
1420050	●	M14	2	45	11 x 9	11	14	110	30	3	12	DIN376
1620050	●	M16	2	52	12 x 9	12	16	110	32	3	14	DIN376
1825050	●	M18	2,5	55	14 x 11	14	18	125	34	3	15,5	DIN376
2025050	●	M20	2,5	58	16 x 12	16	20	140	34	4	17,5	DIN376
2225050	●	M22	2,5	63	18 x 14,5	18	22	140	34	4	19,5	DIN376
2430050	●	M24	3	66	18 x 14,5	18	24	160	38	4	21	DIN376
0405050	●	MF4	0,5	18	2,8 x 2,1	2,8	4	63	10	3	3,5	DIN374
0505050	●	MF5	0,5	25	3,5 x 2,7	3,5	5	70	12	3	4,5	DIN374
0507550	○	MF5	0,75	25	3,5 x 2,7	3,5	5	70	12	3	4,8	DIN374
0605050	●	MF6	0,5	25	4,5 x 3,4	4,5	6	80	14	3	5,5	DIN374
0607550	●	MF6	0,75	25	4,5 x 3,4	4,5	6	80	14	3	5,3	DIN374
0807550	○	MF8	0,75	35	6 x 4,9	6	8	80	19	3	7,3	DIN374
0810050	●	MF8	1	35	6 x 4,9	6	8	90	22	3	7	DIN374
1007550	○	MF10	0,75	39	7 x 5,5	7	10	90	20	3	9,3	DIN374
1010050	●	MF10	1	39	7 x 5,5	7	10	90	20	3	9	DIN374
1012550	●	MF10	1,25	39	7 x 5,5	7	10	100	24	3	8,8	DIN374
1210050	●	MF12	1	48	9 x 7	9	12	100	22	3	11	DIN374
1212550	●	MF12	1,25	48	9 x 7	9	12	100	22	3	10,8	DIN374
1215050	●	MF12	1,5	48	9 x 7	9	12	100	22	3	10,5	DIN374
1410050	○	MF14	1	48	11 x 9	11	14	100	22	3	13	DIN374
1412550	○	MF14	1,25	48	11 x 9	11	14	100	22	3	12,8	DIN374
1415050	●	MF14	1,5	48	11 x 9	11	14	100	22	3	12,5	DIN374
1610050	○	MF16	1	52	12 x 9	12	16	100	22	3	15	DIN374
1612550	○	MF16	1,25	52	12 x 9	12	16	100	22	3	14,8	DIN374
1615050	●	MF16	1,5	52	12 x 9	12	16	100	22	3	14,5	DIN374
1815050	●	MF18	1,5	55	14 x 11	14	18	110	25	4	16,5	DIN374
1820050	●	MF18	2	55	14 x 11	14	18	125	34	4	16	DIN374
2015050	●	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2020050	●	MF20	2	58	16 x 12	16	20	140	34	4	18	DIN374
2215050	●	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415050	●	MF24	1,5	66	18 x 14,5	18	24	140	28	4	22,5	DIN374
2420050	●	MF24	2	66	18 x 14,5	18	24	140	28	4	22	DIN374

Applicable workpiece range

◎: Excellent ○: Good

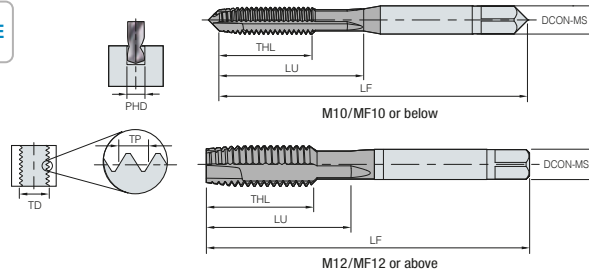
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVDNM

Spiral point Tap

- DIN
- SPT
- Nitride
- M(H)
- B Form
- MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204050	●	M2	0,4	12,5	2,8 x 2,1	2,8	2	45	8	3	1,6	DIN371
025045050	●	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	3	2,1	DIN371
0305050	●	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	3	2,5	DIN371
0407050	●	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	3	3,3	DIN371
0508050	●	M5	0,8	25	6 x 4,9	6	5	70	16	3	4,2	DIN371
0610050	●	M6	1	30	6 x 4,9	6	6	80	19	3	5	DIN371
0812550	●	M8	1,25	35	8 x 6,2	8	8	90	22	3	6,8	DIN371
1015050	●	M10	1,5	39	10 x 8	10	10	100	24	3	8,5	DIN371
1217550	●	M12	1,75	40	9 x 7	9	12	110	29	3	10,2	DIN376
1420050	●	M14	2	45	11 x 9	11	14	110	30	3	12	DIN376
1620050	●	M16	2	52	12 x 9	12	16	110	32	3	14	DIN376
1825050	●	M18	2,5	55	14 x 11	14	18	125	34	4	15,5	DIN376
2025050	●	M20	2,5	58	16 x 12	16	20	140	34	4	17,5	DIN376
2225050	○	M22	2,5	63	18 x 14,5	18	22	140	34	4	19,5	DIN376
2430050	●	M24	3	66	18 x 14,5	18	24	160	38	4	21	DIN376
0405050	●	MF4	0,5	18	2,8 x 2,1	2,8	4	63	10	3	3,5	DIN374
0505050	●	MF5	0,5	25	3,5 x 2,7	3,5	5	70	12	3	4,5	DIN374
0607550	●	MF6	0,75	25	4,5 x 3,4	4,5	6	80	14	3	5,3	DIN374
0807550	○	MF8	0,75	35	6 x 4,9	6	8	80	19	3	7,3	DIN374
0810050	●	MF8	1	30	6 x 4,9	6	8	90	22	3	7	DIN374
1007550	○	MF10	0,75	39	7 x 5,5	7	10	90	20	3	9,3	DIN374
1010050	○	MF10	1	39	7 x 5,5	7	10	90	20	3	9	DIN374
1012550	●	MF10	1,25	39	7 x 5,5	7	10	100	24	3	8,8	DIN374
1210050	●	MF12	1	48	9 x 7	9	12	100	22	3	11	DIN374
1212550	●	MF12	1,25	48	9 x 7	9	12	100	22	3	10,8	DIN374
1215050	●	MF12	1,5	48	9 x 7	9	12	100	22	3	10,5	DIN374
1410050	○	MF14	1	48	11 x 9	11	14	100	22	3	13	DIN374
1415050	●	MF14	1,5	48	11 x 9	11	14	100	22	3	12,5	DIN374
1610050	○	MF16	1	52	12 x 9	12	16	100	22	3	15	DIN374
1615050	○	MF16	1,5	52	12 x 9	12	16	100	22	3	14,5	DIN374
1815050	●	MF18	1,5	55	14 x 11	14	18	110	25	4	16,5	DIN374
1820050	●	MF18	2	55	14 x 11	14	18	125	34	4	16	DIN374
2015050	●	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2215050	○	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415050	●	MF24	1,5	66	18 x 14,5	18	24	140	28	4	22,5	DIN374
2420050	●	MF24	2	66	18 x 14,5	18	24	140	28	4	22	DIN374

Applicable workpiece range

◎: Excellent ○: Good

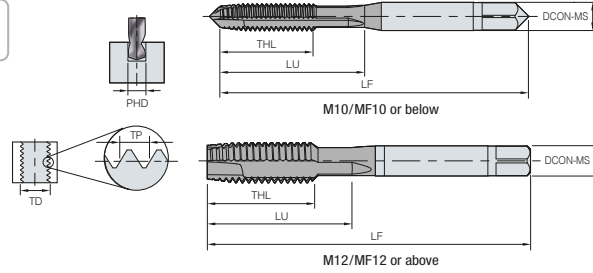
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○	○	○	○			◎	○	○	○	◎						○			○	○	○	

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVDHM

Spiral point Tap

- DIN
- SPT
- HOMO
- P(K)
- B Form
- MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204050	○	M2	0,4	12,5	2,8 x 2,1	2,8	2	45	8	3	1,6	DIN371
025045050	○	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	3	2,1	DIN371
0305050	●	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	3	2,5	DIN371
0407050	●	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	3	3,3	DIN371
0508050	●	M5	0,8	25	6 x 4,9	6	5	70	16	3	4,2	DIN371
0610050	●	M6	1	30	6 x 4,9	6	6	80	19	3	5	DIN371
0812550	●	M8	1,25	35	8 x 6,2	8	8	90	22	3	6,8	DIN371
1015050	●	M10	1,5	39	10 x 8	10	10	100	24	3	8,5	DIN371
1217550	●	M12	1,75	40	9 x 7	9	12	110	29	3	10,2	DIN376
1420050	○	M14	2	45	11 x 9	11	14	110	30	3	12	DIN376
1620050	●	M16	2	52	12 x 9	12	16	110	32	3	14	DIN376
1825050	○	M18	2,5	55	14 x 11	14	18	125	34	3	15,5	DIN376
2025050	○	M20	2,5	58	16 x 12	16	20	140	34	4	17,5	DIN376
2225050	○	M22	2,5	63	18 x 14,5	18	22	140	34	4	19,5	DIN376
2430050	○	M24	3	66	18 x 14,5	18	24	160	38	4	21	DIN376
0405050	○	MF4	0,5	18	2,8 x 2,1	2,8	4	63	10	3	3,5	DIN374
0505050	○	MF5	0,5	25	3,5 x 2,7	3,5	5	70	12	3	4,5	DIN374
0607550	○	MF6	0,75	25	4,5 x 3,4	4,5	6	80	14	3	5,3	DIN374
0807550	○	MF8	0,75	35	6 x 4,9	6	8	80	19	3	7,3	DIN374
0810050	○	MF8	1	35	6 x 4,9	6	8	90	22	3	7	DIN374
1007550	○	MF10	0,75	39	7 x 5,5	7	10	90	20	3	9,3	DIN374
1010050	●	MF10	1	39	7 x 5,5	7	10	90	20	3	9	DIN374
1012550	○	MF10	1,25	39	7 x 5,5	7	10	100	24	3	8,8	DIN374
1210050	○	MF12	1	48	9 x 7	9	12	100	22	3	11	DIN374
1212550	○	MF12	1,25	48	9 x 7	9	12	100	22	3	10,8	DIN374
1215050	○	MF12	1,5	48	9 x 7	9	12	100	22	3	10,5	DIN374
1410050	○	MF14	1	48	11 x 9	11	14	100	22	3	13	DIN374
1415050	●	MF14	1,5	48	11 x 9	11	14	100	22	3	12,5	DIN374
1610050	○	MF16	1	52	12 x 9	12	16	100	22	3	15	DIN374
1615050	●	MF16	1,5	52	12 x 9	12	16	100	22	3	14,5	DIN374
1815050	●	MF18	1,5	55	14 x 11	14	18	110	25	4	16,5	DIN374
1820050	○	MF18	2	55	14 x 11	14	18	125	34	4	16	DIN374
2015050	●	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2215050	○	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415050	●	MF24	1,5	66	18 x 14,5	18	24	140	28	4	22,5	DIN374
2420050	○	MF24	2	66	18 x 14,5	18	24	140	28	4	22	DIN374

Applicable workpiece range

◎: Excellent ○: Good

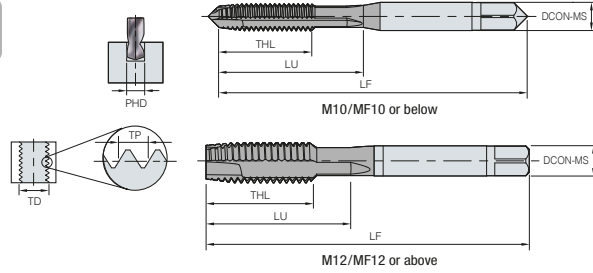
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVDOM

Spiral point Tap

- DIN
- SPT
- X
- N
- B Form
- M MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG
0204050	○	M2	0,4	13,5	2,8 x 2,1	2,8	2	45	8	2	1,6	DIN371
025045050	○	M2,5	0,45	15	2,8 x 2,1	2,8	2,5	50	9	2	2,1	DIN371
0305050	●	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	2	2,5	DIN371
0407050	●	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	2	3,3	DIN371
0508050	●	M5	0,8	25	6 x 4,9	6	5	70	16	2	4,2	DIN371
0610050	●	M6	1	30	6 x 4,9	6	6	80	19	2	5	DIN371
0812550	●	M8	1,25	35	8 x 6,2	8	8	90	22	2	6,8	DIN371
1015050	●	M10	1,5	39	10 x 8	10	10	100	24	2	8,5	DIN371
1217550	●	M12	1,75	40	9 x 7	9	12	110	29	3	10,2	DIN376
1420050	●	M14	2	45	11 x 9	11	14	110	30	3	12	DIN376
1620050	●	M16	2	52	12 x 9	12	16	110	32	3	14	DIN376
1825050	●	M18	2,5	55	14 x 11	14	18	125	34	3	15,5	DIN376
2025050	●	M20	2,5	58	16 x 12	16	20	140	34	4	17,5	DIN376
2225050	●	M22	2,5	63	18 x 14,5	18	22	140	34	4	19,5	DIN376
2430050	●	M24	3	66	18 x 14,5	18	24	160	38	4	21	DIN376
0405050	○	MF4	0,5	18	2,8 x 2,1	2,8	4	63	10	2	3,5	DIN374
0505050	○	MF5	0,5	25	3,5 x 2,7	3,5	5	70	12	2	4,5	DIN374
0607550	○	MF6	0,75	25	4,5 x 3,4	4,5	6	80	14	2	5,3	DIN374
0807550	○	MF8	0,75	35	6 x 4,9	6	8	80	19	2	7,3	DIN374
0810050	○	MF8	1	35	6 x 4,9	6	8	90	22	2	7	DIN374
1007550	○	MF10	0,75	39	7 x 5,5	7	10	90	20	2	9,3	DIN374
1010050	○	MF10	1	39	7 x 5,5	7	10	90	20	2	9	DIN374
1012550	●	MF10	1,25	39	7 x 5,5	7	10	100	24	2	8,8	DIN374
1210050	●	MF12	1	48	9 x 7	9	12	100	22	3	11	DIN374
1212550	●	MF12	1,25	48	9 x 7	9	12	100	22	3	10,8	DIN374
1215050	●	MF12	1,5	48	9 x 7	9	12	100	22	3	10,5	DIN374
1410050	○	MF14	1	48	11 x 9	11	14	100	22	3	13	DIN374
1415050	○	MF14	1,5	48	11 x 9	11	14	100	22	3	12,5	DIN374
1610050	○	MF16	1	52	12 x 9	12	16	100	22	3	15	DIN374
1615050	○	MF16	1,5	52	12 x 9	12	16	100	22	3	14,5	DIN374
1815050	●	MF18	1,5	55	14 x 11	14	18	110	25	3	16,5	DIN374
1820050	○	MF18	2	55	14 x 11	14	18	125	34	3	16	DIN374
2015050	●	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374
2215050	●	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374
2415050	○	MF24	1,5	66	18 x 14,5	18	24	140	28	4	22,5	DIN374
2420050	○	MF24	2	66	18 x 14,5	18	24	140	28	4	22	DIN374

Applicable workpiece range

◎: Excellent ○: Good

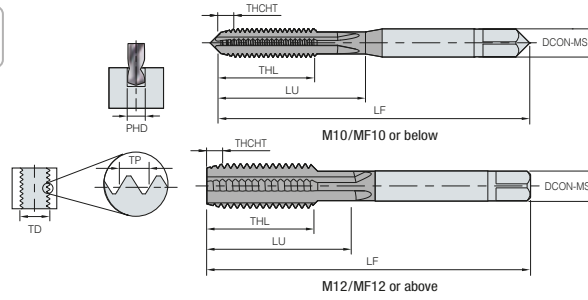
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVGAM

Straight flute Tap

- DIN
- STT
- TAIN
- K
- B/E Form
- M MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT
0305015	○	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	3	2,5	DIN371	E
0407015	●	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	3	3,3	DIN371	E
0508015	●	M5	0,8	25	6 x 4,9	6	5	70	15	3	4,2	DIN371	E
0610015	●	M6	1	30	6 x 4,9	6	6	80	17	4	5	DIN371	E
0812515	○	M8	1,25	35	8 x 6,2	8	8	90	20	4	6,8	DIN371	E
1015015	●	M10	1,5	39	10 x 8	10	10	100	22	4	8,5	DIN371	E
1217515	●	M12	1,75	40	9 x 7	9	12	110	24	4	10,2	DIN376	E
1420015	○	M14	2	45	11 x 9	11	14	110	26	4	12	DIN376	E
1620015	○	M16	2	52	12 x 9	12	16	110	27	4	14	DIN376	E
1825015	○	M18	2,5	55	14 x 11	14	18	125	30	4	15,5	DIN376	E
2025015	○	M20	2,5	58	16 x 12	16	20	140	32	4	17,5	DIN376	E
2225015	○	M22	2,5	63	18 x 14,5	18	22	140	32	4	19,5	DIN376	E
2430015	○	M24	3	66	18 x 14,5	18	24	160	34	4	21	DIN376	E
0810015	○	MF8	1	35	6 x 4,9	6	8	90	17	4	7	DIN374	E
1010015	○	MF10	1	39	7 x 5,5	7	10	90	18	4	9	DIN374	E
1012515	●	MF10	1,25	39	7 x 5,5	7	10	100	22	4	8,8	DIN374	E
1210015	○	MF12	1	48	9 x 7	9	12	100	18	4	11	DIN374	E
1212515	○	MF12	1,25	48	9 x 7	9	12	100	22	4	10,8	DIN374	E
1215015	●	MF12	1,5	48	9 x 7	9	12	100	22	4	10,5	DIN374	E
1415015	○	MF14	1,5	48	11 x 9	11	14	100	22	4	12,5	DIN374	E
1615015	○	MF16	1,5	52	12 x 9	12	16	100	22	4	14,5	DIN374	E
1815015	○	MF18	1,5	55	14 x 11	14	18	110	25	4	16,5	DIN374	E
2015015	○	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374	E
2215015	●	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374	E
2415015	○	MF24	1,5	66	18 x 14,5	18	24	140	27	4	22,5	DIN374	E
2420015	○	MF24	2	66	18 x 14,5	18	24	140	27	4	22	DIN374	E

SVGAM

Applicable workpiece range

◎: Excellent ○: Good

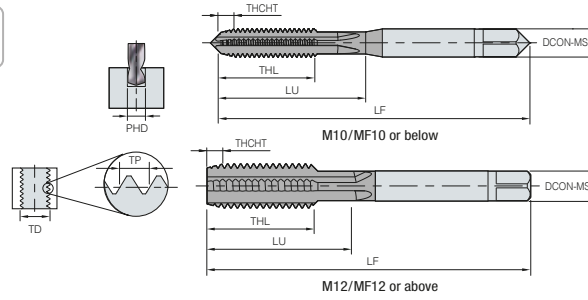
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
						○																		

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVGAM

Straight flute Tap

- DIN
- STT
- TAIN
- K
- B/E Form
- M MF
- 6H
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT	
SVGAM	0305050	○	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	3	2,5	DIN371	B
	0407050	●	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	3	3,3	DIN371	B
	0508050	●	M5	0,8	25	6 x 4,9	6	5	70	15	3	4,2	DIN371	B
	0610050	●	M6	1	30	6 x 4,9	6	6	80	17	4	5	DIN371	B
	0812550	○	M8	1,25	35	8 x 6,2	8	8	90	20	4	6,8	DIN371	B
	1015050	●	M10	1,5	39	10 x 8	10	10	100	22	4	8,5	DIN371	B
	1217550	●	M12	1,75	40	9 x 7	9	12	110	24	4	10,2	DIN376	B
	1420050	○	M14	2	45	11 x 9	11	14	110	26	4	12	DIN376	B
	1620050	○	M16	2	52	12 x 9	12	16	110	27	4	14	DIN376	B
	1825050	○	M18	2,5	55	14 x 11	14	18	125	30	4	15,5	DIN376	B
	2025050	○	M20	2,5	58	16 x 12	16	20	140	32	4	17,5	DIN376	B
	2225050	○	M22	2,5	63	18 x 14,5	18	22	140	32	4	19,5	DIN376	B
	2430050	○	M24	3	66	18 x 14,5	18	24	160	34	4	21	DIN376	B
	0810050	○	MF8	1	35	6 x 4,9	6	8	90	17	4	7	DIN374	B
	1010050	○	MF10	1	39	7 x 5,5	7	10	90	18	4	9	DIN374	B
	1012550	○	MF10	1,25	39	7 x 5,5	7	10	100	22	4	8,8	DIN374	B
	1210050	○	MF12	1	48	9 x 7	9	12	100	18	4	11	DIN374	B
	1212550	●	MF12	1,25	48	9 x 7	9	12	100	22	4	10,8	DIN374	B
	1215050	○	MF12	1,5	48	9 x 7	9	12	100	22	4	10,5	DIN374	B
	1415050	○	MF14	1,5	48	11 x 9	11	14	100	22	4	12,5	DIN374	B
	1615050	○	MF16	1,5	52	12 x 9	12	16	100	22	4	14,5	DIN374	B
	1815050	○	MF18	1,5	55	14 x 11	14	18	110	25	4	16,5	DIN374	B
	2015050	○	MF20	1,5	58	16 x 12	16	20	125	25	4	18,5	DIN374	B
	2215050	○	MF22	1,5	63	18 x 14,5	18	22	125	25	4	20,5	DIN374	B
2415050	○	MF24	1,5	66	18 x 14,5	18	24	140	28	4	22,5	DIN374	B	
2420050	○	MF24	2	66	18 x 14,5	18	24	140	28	4	22	DIN374	B	

Applicable workpiece range

◎: Excellent ○: Good

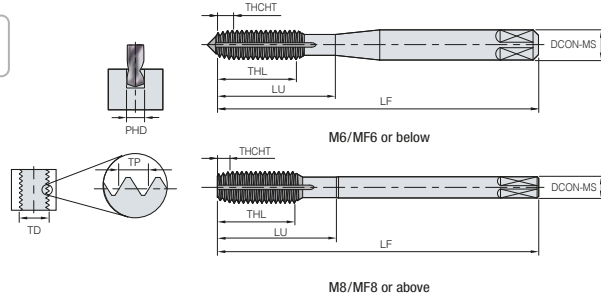
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
						○					◎													

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVMOM

Roll Tap

- DIN
- RT
- X
- P(K)
- C/B Form
- M
- 6HX
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT	Oil groove	
0305020S	○	M3	0,5	21	3,5 x 2,7	3,5	3	56	11	4	2,76	2,81	DIN	C	S
0305020M	○	M3	0,5	22	3,5 x 2,7	3,5	3	56	11	4	2,76	2,81	DIN	C	M
0407020S	○	M4	0,7	27	4,5 x 3,4	4,5	4	63	13	4	3,65	3,7	DIN	C	S
0407020M	○	M4	0,7	29	4,5 x 3,4	4,5	4	63	13	4	3,65	3,7	DIN	C	M
0508020S	○	M5	0,8	25,9	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	C	S
0508020M	○	M5	0,8	21	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	C	M
0610020S	○	M6	1	22	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	C	S
0610020M	○	M6	1	27	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	C	M
0810020S	○	M8	1	29	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	C	S
0810020M	○	M8	1	21	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	C	M
0812520S	○	M8	1,25	21	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	C	S
0812520M	○	M8	1,25	22	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	C	M
1010020S	○	M10	1	27	10 x 8	10	10	90	18	4	9,48	9,57	DIN	C	S
1010020M	○	M10	1	29	10 x 8	10	10	90	18	4	9,48	9,57	DIN	C	M
1012520S	○	M10	1,25	21	10 x 8	10	10	100	22	4	9,34	9,41	DIN	C	S
1012520M	○	M10	1,25	21	10 x 8	10	10	100	22	4	9,34	9,41	DIN	C	M
1015020S	○	M10	1,5	22	10 x 8	10	10	100	22	4	9,18	9,28	DIN	C	S
1015020M	○	M10	1,5	27	10 x 8	10	10	100	22	4	9,18	9,28	DIN	C	M
1210020S	○	M12	1	29	9 x 7	9	12	100	18	4	11,48	11,57	DIN	C	S
1210020M	○	M12	1	21	9 x 7	9	12	100	18	4	11,48	11,57	DIN	C	M
1212520S	○	M12	1,25	21	9 x 7	9	12	100	22	4	11,34	11,41	DIN	C	S
1212520M	○	M12	1,25	22	9 x 7	9	12	100	22	4	11,34	11,41	DIN	C	M
1215020S	○	M12	1,5	27	9 x 7	9	12	100	22	4	11,18	11,28	DIN	C	S
1215020M	○	M12	1,5	29	9 x 7	9	12	100	22	4	11,18	11,28	DIN	C	M
1217520S	○	M12	1,75	21	9 x 7	9	12	110	24	4	11,05	11,15	DIN	C	S
1217520M	○	M12	1,75	21	9 x 7	9	12	110	24	4	11,05	11,15	DIN	C	M
0305040M	○	M3	0,5	22	3,5 x 2,7	4	3,5	56	11	4	2,76	2,81	DIN	B	M
0407040M	○	M4	0,7	27	4,5 x 3,4	5	4,5	63	13	4	3,65	3,7	DIN	B	M
0508040M	○	M5	0,8	29	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	B	M
0610040M	○	M6	1	30	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	B	M
0810040M	○	M8	1	34	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	B	M
0812540M	○	M8	1,25	40	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	B	M
1010040M	○	M10	1	39	10 x 8	10	10	90	18	4	9,48	9,57	DIN	B	M
1012540M	○	M10	1,25	44	10 x 8	10	10	100	22	4	9,34	9,41	DIN	B	M
1015040M	○	M10	1,5	44	10 x 8	10	10	100	22	4	9,18	9,28	DIN	B	M
1210040M	○	M12	1	36	9 x 7	9	12	100	18	4	11,48	11,57	DIN	B	M
1212540M	○	M12	1,25	44	9 x 7	9	12	100	22	4	11,34	11,41	DIN	B	M
1215040M	○	M12	1,5	44	9 x 7	9	12	100	22	4	11,18	11,28	DIN	B	M
1217540M	○	M12	1,75	48	9 x 7	9	12	110	24	4	11,05	11,15	DIN	B	M

Oil groove S: 1 oil groove
Oil groove M: 4 oil groove

Applicable workpiece range

◎: Excellent ○: Good

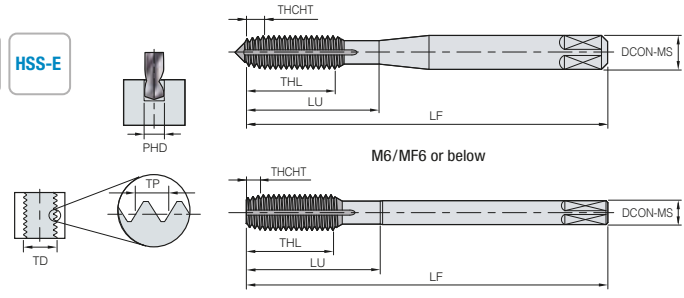
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVMTM

Roll Tap

- DIN
- RT
- TiN
- P(K)
- C/B Form
- M
- 6HX
- HSS-E



Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD		BSG	THCHT	Oil groove
0305020S	○	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	4	2,76	2,81	DIN	C	S
0305020M	○	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	4	2,76	2,81	DIN	C	M
0407020S	○	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	4	3,65	3,7	DIN	C	S
0407020M	○	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	4	3,65	3,7	DIN	C	M
0508020S	○	M5	0,8	25	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	C	S
0508020M	○	M5	0,8	25	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	C	M
0610020S	○	M6	1	30	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	C	S
0610020M	○	M6	1	30	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	C	M
0810020S	○	M8	1	34	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	C	S
0810020M	○	M8	1	34	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	C	M
0812520S	○	M8	1,25	40	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	C	S
0812520M	○	M8	1,25	40	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	C	M
1010020S	○	M10	1	39	10 x 8	10	10	90	18	4	9,48	9,57	DIN	C	S
1010020M	○	M10	1	39	10 x 8	10	10	90	18	4	9,48	9,57	DIN	C	M
1012520S	○	M10	1,25	44	10 x 8	10	10	100	22	4	9,34	9,41	DIN	C	S
1012520M	○	M10	1,25	44	10 x 8	10	10	100	22	4	9,34	9,41	DIN	C	M
1015020S	○	M10	1,5	44	10 x 8	10	10	100	22	4	9,18	9,28	DIN	C	S
1015020M	○	M10	1,5	44	10 x 8	10	10	100	22	4	9,18	9,28	DIN	C	M
1210020S	○	M12	1	36	9 x 7	9	12	100	18	4	11,48	11,57	DIN	C	S
1210020M	○	M12	1	36	9 x 7	9	12	100	18	4	11,48	11,57	DIN	C	M
1212520S	○	M12	1,25	44	9 x 7	9	12	100	22	4	11,34	11,41	DIN	C	S
1212520M	○	M12	1,25	44	9 x 7	9	12	100	22	4	11,34	11,41	DIN	C	M
1215020S	○	M12	1,5	44	9 x 7	9	12	100	22	4	11,18	11,28	DIN	C	S
1215020M	○	M12	1,5	44	9 x 7	9	12	100	22	4	11,18	11,28	DIN	C	M
1217520S	○	M12	1,75	48	9 x 7	9	12	110	24	4	11,05	11,15	DIN	C	S
1217520M	○	M12	1,75	48	9 x 7	9	12	110	24	4	11,05	11,15	DIN	C	M
0305040M	○	M3	0,5	18	3,5 x 2,7	4	3,5	56	11	4	2,76	2,81	DIN	B	M
0407040M	○	M4	0,7	21	4,5 x 3,4	5	4,5	63	13	4	3,65	3,7	DIN	B	M
0508040M	○	M5	0,8	25	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	B	M
0610040M	○	M6	1	30	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	B	M
0810040M	○	M8	1	34	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	B	M
0812540M	○	M8	1,25	40	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	B	M
1010040M	○	M10	1	39	10 x 8	10	10	90	18	4	9,48	9,57	DIN	B	M
1012540M	○	M10	1,25	44	10 x 8	10	10	100	22	4	9,34	9,41	DIN	B	M
1015040M	○	M10	1,5	44	10 x 8	10	10	100	22	4	9,18	9,28	DIN	B	M
1210040M	○	M12	1	36	9 x 7	9	12	100	18	4	11,48	11,57	DIN	B	M
1212540M	○	M12	1,25	44	9 x 7	9	12	100	22	4	11,34	11,41	DIN	B	M
1215040M	○	M12	1,5	44	9 x 7	9	12	100	22	4	11,18	11,28	DIN	B	M
1217540M	○	M12	1,75	48	9 x 7	9	12	110	24	4	11,05	11,15	DIN	B	M

Oil groove S: 1 oil groove
Oil groove M: 4 oil groove

Applicable workpiece range

◎: Excellent ○: Good

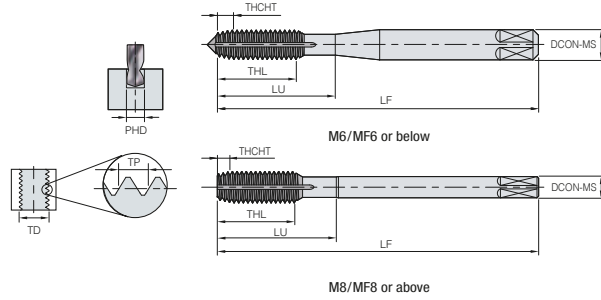
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVMCM

Roll Tap

- DIN
- RT
- TICN**
- P(K)
- C/B Form
- M
- 6HX
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THGHT	Oil groove	
0305020S	○	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	4	2,76	2,81	DIN	C	S
0305020M	○	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	4	2,76	2,81	DIN	C	M
0407020S	○	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	4	3,65	3,7	DIN	C	S
0407020M	○	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	4	3,65	3,7	DIN	C	M
0508020S	○	M5	0,8	25	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	C	S
0508020M	○	M5	0,8	25	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	C	M
0610020S	○	M6	1	30	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	C	S
0610020M	○	M6	1	30	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	C	M
0810020S	○	M8	1	34	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	C	S
0810020M	○	M8	1	34	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	C	M
0812520S	○	M8	1,25	40	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	C	S
0812520M	○	M8	1,25	40	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	C	M
1010020S	○	M10	1	39	10 x 8	10	10	90	18	4	9,48	9,57	DIN	C	S
1010020M	○	M10	1	39	10 x 8	10	10	90	18	4	9,48	9,57	DIN	C	M
1012520S	○	M10	1,25	44	10 x 8	10	10	100	22	4	9,34	9,41	DIN	C	S
1012520M	○	M10	1,25	44	10 x 8	10	10	100	22	4	9,34	9,41	DIN	C	M
1015020S	○	M10	1,5	44	10 x 8	10	10	100	22	4	9,18	9,28	DIN	C	S
1015020M	○	M10	1,5	44	10 x 8	10	10	100	22	4	9,18	9,28	DIN	C	M
1210020S	○	M12	1	36	9 x 7	9	12	100	18	4	11,48	11,57	DIN	C	S
1210020M	○	M12	1	36	9 x 7	9	12	100	18	4	11,48	11,57	DIN	C	M
1212520S	○	M12	1,25	44	9 x 7	9	12	100	22	4	11,34	11,41	DIN	C	S
1212520M	○	M12	1,25	44	9 x 7	9	12	100	22	4	11,34	11,41	DIN	C	M
1215020S	○	M12	1,5	44	9 x 7	9	12	100	22	4	11,18	11,28	DIN	C	S
1215020M	○	M12	1,5	44	9 x 7	9	12	100	22	4	11,18	11,28	DIN	C	M
1217520S	○	M12	1,75	48	9 x 7	9	12	110	24	4	11,05	11,15	DIN	C	S
1217520M	○	M12	1,75	48	9 x 7	9	12	110	24	4	11,05	11,15	DIN	C	M
0305040M	○	M3	0,5	18	3,5 x 2,7	3,5	3	56	11	4	2,76	2,81	DIN	B	M
0407040M	○	M4	0,7	21	4,5 x 3,4	4,5	4	63	13	4	3,65	3,7	DIN	B	M
0508040M	○	M5	0,8	25	6 x 4,9	6	5	70	15	4	4,59	4,66	DIN	B	M
0610040M	○	M6	1	30	6 x 4,9	6	6	80	17	4	5,48	5,57	DIN	B	M
0810040M	○	M8	1	34	8 x 6,2	8	8	90	17	4	7,48	7,57	DIN	B	M
0812540M	○	M8	1,25	40	8 x 6,2	8	8	90	20	4	7,34	7,41	DIN	B	M
1010040M	○	M10	1	39	10 x 8	10	10	90	18	4	9,48	9,57	DIN	B	M
1012540M	○	M10	1,25	44	10 x 8	10	10	100	22	4	9,34	9,41	DIN	B	M
1015040M	○	M10	1,5	44	10 x 8	10	10	100	22	4	9,18	9,28	DIN	B	M
1210040M	○	M12	1	36	9 x 7	9	12	100	18	4	11,48	11,57	DIN	B	M
1212540M	○	M12	1,25	44	9 x 7	9	12	100	22	4	11,34	11,41	DIN	B	M
1215040M	○	M12	1,5	44	9 x 7	9	12	100	22	4	11,18	11,28	DIN	B	M
1217540M	○	M12	1,75	48	9 x 7	9	12	110	24	4	11,05	11,15	DIN	B	M

Oil groove S: 1 oil groove
Oil groove M: 4 oil groove

Applicable workpiece range

◎: Excellent ○: Good

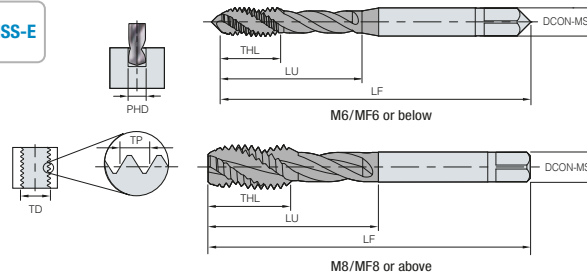
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVPAM

Spiral flute Tap

- JIS
- SFT
- TIAIN**
- P(K)
- C Form
- M MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204025	●	M2	0,4	13,5	3 x 2,5	3	2	40	8	3	1,6	JIS	H2
025045025	●	M2,5	0,45	14,5	3 x 2,5	3	2,5	44	9	3	2,1	JIS	H2
0305025	●	M3	0,5	17	4 x 3,2	4	3	46	6	3	2,5	JIS	H2
0407025	●	M4	0,7	20,5	5 x 4	5	4	52	7,5	3	3,3	JIS	H2
04507525	○	M4,5	0,75	20,5	5 x 4	5	4,5	55	13	3	3,8	JIS	H2
0508025	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	9	3	4,2	JIS	H2
0610025	●	M6	1	29	6 x 4,5	6	6	62	11	3	5	JIS	H2
0812525	●	M8	1,25	34	6,2 x 5	6,2	8	70	13	3	6,8	JIS	H3
1015025	●	M10	1,5	38	7 x 5,5	7	10	75	16	3	8,5	JIS	H3
1217525	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	18	3	10,2	JIS	H4
1420025	●	M14	2	45	10,5 x 8	10,5	14	88	20	4	12	JIS	H4
1620025	●	M16	2	52	12,5 x 10	12,5	16	95	20	4	14	JIS	H4
1825025	●	M18	2,5	55	14 x 11	14	18	100	22	4	15,5	JIS	H4
2025025	●	M20	2,5	58	15 x 12	15	20	105	25	4	17,5	JIS	H4
2225025	●	M22	2,5	63	17 x 13	17	22	115	25	4	19,5	JIS	H4
2430025	●	M24	3	66	19 x 15	19	24	120	29	4	21	JIS	H4
0405025	●	MF4	0,5	20,5	5 x 4	5	4	52	7,5	3	3,5	JIS	H2
0505025	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	8	3	4,5	JIS	H2
0607525	●	MF6	0,75	29	6 x 4,5	6	6	62	8	3	5,3	JIS	H2
0807525	●	MF8	0,75	34	6,2 x 5	6,2	8	70	10	3	7,3	JIS	H3
0810025	●	MF8	1	34	6,2 x 5	6,2	8	70	10	3	7	JIS	H3
1007525	●	MF10	0,75	38	7 x 5,5	7	10	75	14	3	9,3	JIS	H3
1010025	●	MF10	1	38	7 x 5,5	7	10	75	14	3	9	JIS	H3
1012525	●	MF10	1,25	38	7 x 5,5	7	10	75	14	3	8,8	JIS	H3
1210025	●	MF12	1	48	8,5 x 6,5	8,5	12	82	14	3	11	JIS	H3
1212525	●	MF12	1,25	48	8,5 x 6,5	8,5	12	82	14	3	10,8	JIS	H3
1215025	●	MF12	1,5	48	8,5 x 6,5	8,5	12	82	14	3	10,5	JIS	H3
1410025	○	MF14	1	48	10,5 x 8	10,5	14	88	18	3	13	JIS	H3
1415025	●	MF14	1,5	48	10,5 x 8	10,5	14	88	18	3	12,5	JIS	H3
1615025	●	MF16	1,5	52	12,5 x 10	12,5	16	95	18	18	14,5	JIS	H3
1815025	●	MF18	1,5	55	14 x 11	14	18	100	18	18	16,5	JIS	H4
2015025	○	MF20	1,5	58	15 x 12	15	20	105	25	25	18,5	JIS	H4
2215025	○	MF22	1,5	63	17 x 13	17	22	115	25	25	20,5	JIS	H4
2415025	○	MF24	1,5	66	19 x 15	19	24	120	25	25	22,5	JIS	H4
2420025	○	MF24	2	68	19 x 15	19	24	120	25	25	22	JIS	H4

Applicable workpiece range

◎: Excellent ○: Good

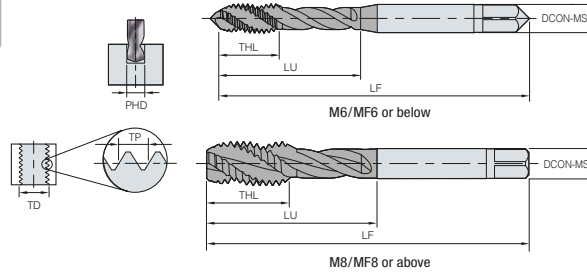
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVPNM

Spiral flute Tap

- JIS
- SFT
- Nitride
- M(H)
- C Form
- M MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204025	○	M2	0,4	13,5	3 x 2,5	3	2	40	8	3	1,6	JIS	H2
025045025	○	M2,5	0,45	14,5	3 x 2,5	3	2,5	44	9	3	2,1	JIS	H2
0305025	●	M3	0,5	17	4 x 3,2	4	3	46	6	3	2,5	JIS	H2
0407025	●	M4	0,7	20,5	5 x 4	5	4	52	7,5	3	3,3	JIS	H2
04507525	○	M4,5	0,75	20,5	5 x 4	5	4,5	55	7,5	3	3,8	JIS	H2
0508025	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	9	3	4,2	JIS	H2
0610025	●	M6	1	29	6 x 4,5	6	6	62	11	3	5	JIS	H2
0812525	●	M8	1,25	34	6,2 x 5	6,2	8	70	13	3	6,8	JIS	H3
1015025	●	M10	1,5	38	7 x 5,5	7	10	75	16	3	8,5	JIS	H3
1217525	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	18	3	10,2	JIS	H4
1420025	●	M14	2	45	10,5 x 8	10,5	14	88	20	4	12	JIS	H4
1620025	●	M16	2	52	12,5 x 10	12,5	16	95	20	4	14	JIS	H4
1825025	○	M18	2,5	55	14 x 11	14	18	100	22	4	15,5	JIS	H4
2025025	●	M20	2,5	58	15 x 12	15	20	105	25	4	17,5	JIS	H4
2225025	○	M22	2,5	63	17 x 13	17	22	115	25	4	19,5	JIS	H4
2430025	●	M24	3	66	19 x 15	19	24	120	29	4	21	JIS	H4
0405025	○	MF4	0,5	20,5	5 x 4	5	4	52	7,5	3	3,5	JIS	H2
0505025	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	8	3	4,5	JIS	H2
0607525	○	MF6	0,75	29	6 x 4,5	6	6	62	8	3	5,3	JIS	H2
0807525	○	MF8	0,75	34	6,2 x 5	6,2	8	70	10	3	7,3	JIS	H3
0810025	○	MF8	1	34	6,2 x 5	6,2	8	70	10	3	7	JIS	H3
1007525	○	MF10	0,75	38	7 x 5,5	7	10	75	14	3	9,3	JIS	H3
1010025	○	MF10	1	38	7 x 5,5	7	10	75	14	3	9	JIS	H3
1012525	●	MF10	1,25	38	7 x 5,5	7	10	75	14	3	8,8	JIS	H3
1210025	●	MF12	1	48	8,5 x 6,5	8,5	12	82	14	3	11	JIS	H3
1212525	●	MF12	1,25	48	8,5 x 6,5	8,5	12	82	14	3	10,8	JIS	H3
1215025	●	MF12	1,5	48	8,5 x 6,5	8,5	12	82	14	3	10,5	JIS	H3
1410025	○	MF14	1	48	10,5 x 8	10,5	14	88	18	3	13	JIS	H3
1415025	●	MF14	1,5	48	10,5 x 8	10,5	14	88	18	3	12,5	JIS	H3
1615025	○	MF16	1,5	52	12,5 x 10	12,5	16	95	18	4	14,5	JIS	H3
1815025	○	MF18	1,5	55	14 x 11	14	18	100	18	4	16,5	JIS	H4
2015025	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	H4
2215025	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	H4
2415025	○	MF24	1,5	66	19 x 15	19	24	120	25	4	22,5	JIS	H4
2420025	○	MF24	2	68	19 x 15	19	24	120	25	4	22	JIS	H4

Applicable workpiece range

◎: Excellent ○: Good

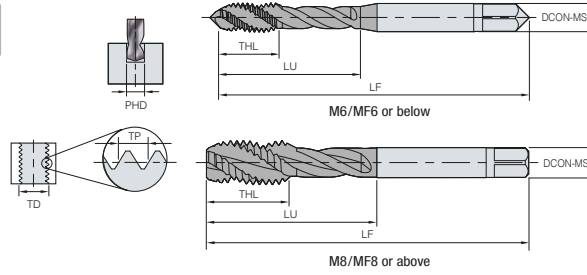
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○	○	○	○			◎	○	○	○	◎						○			○	○	○	

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVPHM

Spiral flute Tap

- JIS
- SFT
- HOMO
- P(K)
- C Form
- MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204025	○	M2	0,4	13,5	3 x 2,5	3	2	40	8	3	1,6	JIS	H2
025045025	○	M2,5	0,45	14,5	3 x 2,5	3	2,5	44	9	3	2,1	JIS	H2
0305025	●	M3	0,5	17	4 x 3,2	4	3	46	6	3	2,5	JIS	H2
0407025	●	M4	0,7	20,5	5 x 4	5	4	52	7,5	3	3,3	JIS	H2
04507525	●	M4,5	0,75	20,5	5 x 4	5	4,5	55	7,5	3	3,8	JIS	H2
0508025	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	9	3	4,2	JIS	H2
0610025	●	M6	1	29	6 x 4,5	6	6	62	11	3	5	JIS	H2
0812525	●	M8	1,25	34	6,2 x 5	6,2	8	70	13	3	6,8	JIS	H3
1015025	●	M10	1,5	38	7 x 5,5	7	10	75	16	3	8,5	JIS	H3
1217525	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	18	3	10,2	JIS	H4
1420025	●	M14	2	45	10,5 x 8	10,5	14	88	20	3	12	JIS	H4
1620025	●	M16	2	52	12,5 x 10	12,5	16	95	20	4	14	JIS	H4
1825025	●	M18	2,5	55	14 x 11	14	18	100	22	4	15,5	JIS	H4
2025025	●	M20	2,5	58	15 x 12	15	20	105	25	4	17,5	JIS	H4
2225025	○	M22	2,5	63	17 x 13	17	22	115	25	4	19,5	JIS	H4
2430025	○	M24	3	66	19 x 15	19	24	120	29	4	21	JIS	H4
0405025	○	MF4	0,5	20,5	5 x 4	5	4	52	7,5	3	3,5	JIS	H2
0505025	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	8	3	4,5	JIS	H2
0607525	○	MF6	0,75	29	6 x 4,5	6	6	62	8	3	5,3	JIS	H2
0807525	○	MF8	0,75	34	6,2 x 5	6,2	8	70	10	3	7,3	JIS	H3
0810025	○	MF8	1	34	6,2 x 5	6,2	8	70	10	3	7	JIS	H3
1007525	○	MF10	0,75	38	7 x 5,5	7	10	75	14	3	9,3	JIS	H3
1010025	○	MF10	1	38	7 x 5,5	7	10	75	14	3	9	JIS	H3
1012525	○	MF10	1,25	38	7 x 5,5	7	10	75	14	3	8,8	JIS	H3
1210025	○	MF12	1	48	8,5 x 6,5	8,5	12	82	14	3	11	JIS	H3
1212525	○	MF12	1,25	48	8,5 x 6,5	8,5	12	82	14	3	10,8	JIS	H3
1215025	○	MF12	1,5	48	8,5 x 6,5	8,5	12	82	14	3	10,5	JIS	H3
1410025	○	MF14	1	48	10,5 x 8	10,5	14	88	18	3	13	JIS	H3
1415025	○	MF14	1,5	48	10,5 x 8	10,5	14	88	18	3	12,5	JIS	H3
1615025	○	MF16	1,5	52	12,5 x 10	12,5	16	95	18	4	14,5	JIS	H3
1815025	○	MF18	1,5	55	14 x 11	14	18	100	18	4	16,5	JIS	H4
2015025	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	H4
2215025	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	H4
2415025	○	MF24	1,5	66	19 x 15	19	24	120	25	4	22,5	JIS	H4
2420025	○	MF24	2	68	19 x 15	19	24	120	25	4	22	JIS	H4

Applicable workpiece range

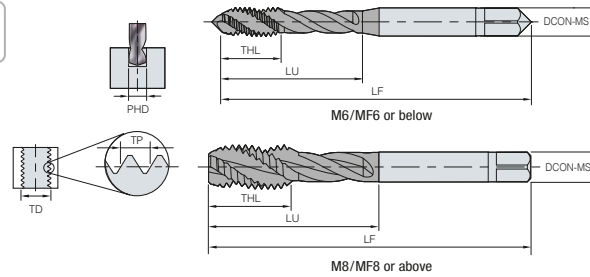
◎: Excellent ○: Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVPOM

Spiral flute Tap



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204025	○	M2	0,4	13,5	3 x 2,5	3	2	40	8	2	1,6	JIS	H2
025045025	○	M2,5	0,45	14,5	3 x 2,5	3	2,5	44	9	2	2,1	JIS	H2
0305025	●	M3	0,5	17	4 x 3,2	4	3	46	6	2	2,5	JIS	H2
0407025	●	M4	0,7	20,5	5 x 4	5	4	52	7,5	2	3,3	JIS	H2
04507525	○	M4,5	0,75	20,5	5 x 4	5	4,5	55	7,5	2	3,8	JIS	H2
0508025	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	9	2	4,2	JIS	H2
0610025	●	M6	1	29	6 x 4,5	6	6	62	11	2	5	JIS	H2
0812525	●	M8	1,25	34	6,2 x 5	6,2	8	70	13	2	6,8	JIS	H3
1015025	●	M10	1,5	38	7 x 5,5	7	10	75	16	2	8,5	JIS	H3
1217525	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	18	3	10,2	JIS	H4
1420025	●	M14	2	45	10,5 x 8	10,5	14	88	20	3	12	JIS	H4
1620025	●	M16	2	52	12,5 x 10	12,5	16	95	20	3	14	JIS	H4
1825025	○	M18	2,5	55	14 x 11	14	18	100	22	4	15,5	JIS	H4
2025025	○	M20	2,5	58	15 x 12	15	20	105	25	4	17,5	JIS	H4
2225025	○	M22	2,5	63	17 x 13	17	22	115	25	4	19,5	JIS	H4
2430025	○	M24	3	66	19 x 15	19	24	120	29	4	21	JIS	H4
0405025	○	MF4	0,5	20,5	5 x 4	5	4	52	7,5	2	3,5	JIS	H2
0505025	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	8	2	4,5	JIS	H2
0607525	○	MF6	0,75	29	6 x 4,5	6	6	62	8	2	5,3	JIS	H2
0807525	○	MF8	0,75	34	6,2 x 5	6,2	8	70	10	2	7,3	JIS	H3
0810025	○	MF8	1	34	6,2 x 5	6,2	8	70	10	2	7	JIS	H3
1007525	○	MF10	0,75	38	7 x 5,5	7	10	75	14	2	9,3	JIS	H3
1010025	○	MF10	1	38	7 x 5,5	7	10	75	14	2	9	JIS	H3
1012525	●	MF10	1,25	38	7 x 5,5	7	10	75	14	2	8,8	JIS	H3
1210025	○	MF12	1	48	8,5 x 6,5	8,5	12	82	14	3	11	JIS	H3
1212525	●	MF12	1,25	48	8,5 x 6,5	8,5	12	82	14	3	10,8	JIS	H3
1215025	●	MF12	1,5	48	8,5 x 6,5	8,5	12	82	14	3	10,5	JIS	H3
1410025	○	MF14	1	48	10,5 x 8	10,5	14	88	18	3	13	JIS	H3
1415025	●	MF14	1,5	48	10,5 x 8	10,5	14	88	18	3	12,5	JIS	H3
1615025	○	MF16	1,5	52	12,5 x 10	12,5	16	95	18	3	14,5	JIS	H3
1815025	○	MF18	1,5	55	14 x 11	14	18	100	18	4	16,5	JIS	H4
2015025	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	H4
2215025	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	H4
2415025	○	MF24	1,5	66	19 x 15	19	24	120	25	4	22,5	JIS	H4
2420025	○	MF24	2	68	19 x 15	19	24	120	25	4	22	JIS	H4

SVPOM

Applicable workpiece range

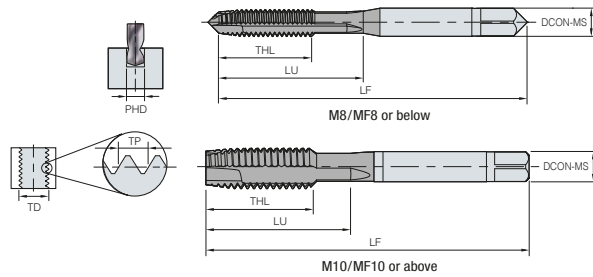
◎: Excellent ○: Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
													◎	◎	◎	◎	◎	◎	○	○			◎	

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVNAM

Spiral point Tap



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204050	●	M2	0,4	13,5	3 x 2,5	3	2	40	8	3	1,6	JIS	H2
025045050	●	M2,5	0,45	15	3 x 2,5	3	2,5	44	9	3	2,1	JIS	H2
0305050	●	M3	0,5	18	4 x 3,2	4	3	46	11	3	2,5	JIS	H2
0407050	●	M4	0,7	21	5 x 4	5	4	52	13	3	3,3	JIS	H2
04507550	○	M4,5	0,75	21	5 x 4	5	4,5	55	13	3	3,8	JIS	H2
0508050	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	16	3	4,2	JIS	H2
0610050	●	M6	1	30	6 x 4,5	6	6	62	19	3	5	JIS	H2
0812550	●	M8	1,25	35	6,2 x 5	6,2	8	70	22	3	6,8	JIS	H3
1015050	●	M10	1,5	39	7 x 5,5	7	10	75	24	3	8,5	JIS	H3
1217550	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	29	3	10,2	JIS	H4
1420050	●	M14	2	48	10,5 x 8	10,5	14	88	30	3	12	JIS	H4
1620050	●	M16	2	52	12,5 x 10	12,5	16	95	32	3	14	JIS	H4
1825050	●	M18	2,5	55	14 x 11	14	18	100	34	3	15,5	JIS	H4
2025050	●	M20	2,5	58	15 x 12	15	20	105	34	4	17,5	JIS	H4
2225050	●	M22	2,5	63	17 x 13	17	22	115	34	4	19,5	JIS	H4
2430050	●	M24	3	66	19 x 15	19	24	120	38	4	21	JIS	H4
0405050	●	MF4	0,5	21	5 x 4	5	4	52	10	3	3,5	JIS	H2
0505050	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	12	3	4,5	JIS	H2
0607550	●	MF6	0,75	30	6 x 4,5	6	6	62	14	3	5,3	JIS	H2
0807550	●	MF8	0,75	35	6,2 x 5	6,2	8	70	19	3	7,3	JIS	H3
0810050	●	MF8	1	35	6,2 x 5	6,2	8	70	19	3	7	JIS	H3
1007550	●	MF10	0,75	39	7 x 5,5	7	10	75	20	3	9,3	JIS	H3
1010050	●	MF10	1	39	7 x 5,5	7	10	75	20	3	9	JIS	H3
1012550	●	MF10	1,25	39	7 x 5,5	7	10	75	20	3	8,8	JIS	H3
1210050	●	MF12	1	48	8,5 x 6,5	8,5	12	82	22	3	11	JIS	H3
1212550	●	MF12	1,25	48	8,5 x 6,5	8,5	12	82	22	3	10,8	JIS	H3
1215050	●	MF12	1,5	48	8,5 x 6,5	8,5	12	82	22	3	10,5	JIS	H3
1410050	○	MF14	1	48	10,5 x 8	10,5	14	88	22	3	13	JIS	H3
1415050	●	MF14	1,5	48	10,5 x 8	10,5	14	88	22	3	12,5	JIS	H3
1615050	○	MF16	1,5	52	12,5 x 10	12,5	16	95	22	3	14,5	JIS	H3
1815050	●	MF18	1,5	55	14 x 11	14	18	100	25	4	16,5	JIS	H4
2015050	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	H4
2215050	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	H4
2415050	○	MF24	1,5	66	19 x 15	19	24	120	28	4	22,5	JIS	H4
2420050	○	MF24	2	66	19 x 15	19	24	120	28	4	22	JIS	H4

Applicable workpiece range

◎: Excellent ○: Good

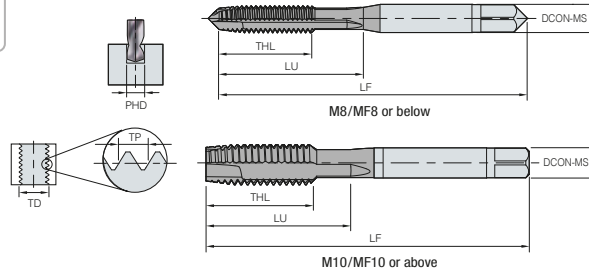
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVNNM

Spiral point Tap

- JIS
- SPT
- Nitride
- M(H)
- B Form
- M MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204050	○	M2	0,4	14	3 x 2,5	3	2	40	8	3	1,6	JIS	H2
025045050	○	M2,5	0,45	15	3 x 2,5	3	2,5	44	9	3	2,1	JIS	H2
0305050	●	M3	0,5	18	4 x 3,2	4	3	46	11	3	2,5	JIS	H2
0407050	●	M4	0,7	21	5 x 4	5	4	52	13	3	3,3	JIS	H2
04507550	○	M4,5	0,75	21	5 x 4	5	4,5	55	13	3	3,8	JIS	H2
0508050	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	16	3	4,2	JIS	H2
0610050	●	M6	1	30	6 x 4,5	6	6	62	19	3	5	JIS	H2
0812550	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	3	6,8	JIS	H3
1015050	●	M10	1,5	39	7 x 5,5	7	10	75	24	3	8,5	JIS	H3
1217550	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	29	3	10,2	JIS	H4
1420050	●	M14	2	48	10,5 x 8	10,5	14	88	30	3	12	JIS	H4
1620050	●	M16	2	52	12,5 x 10	12,5	16	95	32	3	14	JIS	H4
1825050	○	M18	2,5	55	14 x 11	14	18	100	34	4	15,5	JIS	H4
2025050	●	M20	2,5	58	15 x 12	15	20	105	34	4	17,5	JIS	H4
2225050	○	M22	2,5	63	17 x 13	17	22	115	34	4	19,5	JIS	H4
2430050	○	M24	3	66	19 x 15	19	24	120	38	4	21	JIS	H4
0405050	○	MF4	0,5	21	5 x 4	5	4	52	10	3	3,5	JIS	H2
0505050	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	12	3	4,5	JIS	H2
0607550	○	MF6	0,75	30	6 x 4,5	6	6	62	14	3	5,3	JIS	H2
0807550	○	MF8	0,75	35	6,2 x 5	6,2	8	70	19	3	7,3	JIS	H3
0810050	○	MF8	1	35	6,2 x 5	6,2	8	70	19	3	7	JIS	H3
1007550	○	MF10	0,75	39	7 x 5,5	7	10	75	20	3	9,3	JIS	H3
1010050	●	MF10	1	39	7 x 5,5	7	10	75	20	3	9	JIS	H3
1012550	○	MF10	1,25	39	7 x 5,5	7	10	75	20	3	8,8	JIS	H3
1210050	○	MF12	1	48	8,5 x 6,5	8,5	12	82	22	3	11	JIS	H3
1212550	○	MF12	1,25	48	8,5 x 6,5	8,5	12	82	22	3	10,8	JIS	H3
1215050	●	MF12	1,5	48	8,5 x 6,5	8,5	12	82	22	3	10,5	JIS	H3
1410050	○	MF14	1	48	10,5 x 8	10,5	14	88	22	3	13	JIS	H3
1415050	●	MF14	1,5	48	10,5 x 8	10,5	14	88	22	3	12,5	JIS	H3
1615050	○	MF16	1,5	52	12,5 x 10	12,5	16	95	22	3	14,5	JIS	H3
1815050	○	MF18	1,5	55	14 x 11	14	18	100	25	4	16,5	JIS	H4
2015050	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	H4
2215050	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	H4
2415050	○	MF24	1,5	66	19 x 15	19	24	120	28	4	22,5	JIS	H4
2420050	○	MF24	2	66	19 x 15	19	24	120	28	4	22	JIS	H4

Applicable workpiece range

◎: Excellent ○: Good

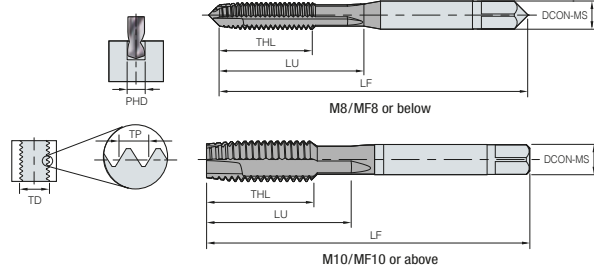
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM	○	○	○	SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni	○	○

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVNHM

Spiral point Tap

- JIS
- SPT
- HOMO
- P(K)
- B Form
- M MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204050	○	M2	0,4	14	3 x 2,5	3	2	40	8	3	1,6	JIS	H2
025045050	○	M2,5	0,45	15	3 x 2,5	3	2,5	44	9	3	2,1	JIS	H2
0305050	●	M3	0,5	18	4 x 3,2	4	3	46	11	3	2,5	JIS	H2
0407050	●	M4	0,7	21	5 x 4	5	4	52	13	3	3,3	JIS	H2
04507550	●	M4,5	0,75	21	5 x 4	5	4,5	55	13	3	3,8	JIS	H2
0508050	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	16	3	4,2	JIS	H2
0610050	●	M6	1	30	6 x 4,5	6	6	62	19	3	5	JIS	H2
0812550	●	M8	1,25	35	6,2 x 5	6,2	8	70	22	3	6,8	JIS	H3
1015050	●	M10	1,5	39	7 x 5,5	7	10	75	24	3	8,5	JIS	H3
1217550	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	29	3	10,2	JIS	H4
1420050	●	M14	2	48	10,5 x 8	10,5	14	88	30	3	12	JIS	H4
1620050	●	M16	2	52	12,5 x 10	12,5	16	95	32	3	14	JIS	H4
1825050	●	M18	2,5	55	14 x 11	14	18	100	34	4	15,5	JIS	H4
2025050	●	M20	2,5	58	15 x 12	15	20	105	34	4	17,5	JIS	H4
2225050	○	M22	2,5	63	17 x 13	17	22	115	34	4	19,5	JIS	H4
2430050	○	M24	3	66	19 x 15	19	24	120	38	4	21	JIS	H4
0405050	○	MF4	0,5	21	5 x 4	5	4	52	10	3	3,5	JIS	H2
0505050	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	12	3	4,5	JIS	H2
0607550	○	MF6	0,75	30	6 x 4,5	6	6	62	14	3	5,3	JIS	H2
0807550	○	MF8	0,75	35	6,2 x 5	6,2	8	70	19	3	7,3	JIS	H3
0810050	○	MF8	1	35	6,2 x 5	6,2	8	70	19	3	7	JIS	H3
1007550	○	MF10	0,75	39	7 x 5,5	7	10	75	20	3	9,3	JIS	H3
1010050	○	MF10	1	39	7 x 5,5	7	10	75	20	3	9	JIS	H3
1012550	○	MF10	1,25	39	7 x 5,5	7	10	75	20	3	8,8	JIS	H3
1210050	○	MF12	1	48	8,5 x 6,5	8,5	12	82	22	3	11	JIS	H3
1212550	○	MF12	1,25	48	8,5 x 6,5	8,5	12	82	22	3	10,8	JIS	H3
1215050	○	MF12	1,5	48	8,5 x 6,5	8,5	12	82	22	3	10,5	JIS	H3
1410050	○	MF14	1	48	10,5 x 8	10,5	14	88	22	3	13	JIS	H3
1415050	○	MF14	1,5	48	10,5 x 8	10,5	14	88	22	3	12,5	JIS	H3
1615050	○	MF16	1,5	52	12,5 x 10	12,5	16	95	22	3	14,5	JIS	H3
1815050	○	MF18	1,5	55	14 x 11	14	18	100	25	4	16,5	JIS	H4
2015050	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	H4
2215050	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	H4
2415050	○	MF24	1,5	66	19 x 15	19	24	120	28	4	22,5	JIS	H4
2420050	○	MF24	2	66	19 x 15	19	24	120	28	4	22	JIS	H4

Applicable workpiece range

◎: Excellent ○: Good

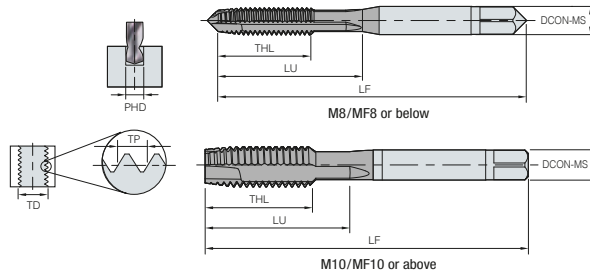
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	◎	◎	◎	◎	○					◎	○	○						◎						

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVNOM

Spiral point Tap

- JIS
- SPT
- X
- N
- B Form
- M MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	TCTR
0204050	○	M2	0,4	14	3 x 2,5	3	2	40	8	2	1,6	JIS	H2
025045050	○	M2,5	0,45	15	3 x 2,5	3	2,5	44	9	2	2,1	JIS	H2
0305050	●	M3	0,5	18	4 x 3,2	4	3	46	11	2	2,5	JIS	H2
0407050	●	M4	0,7	21	5 x 4	5	4	52	13	2	3,3	JIS	H2
04507550	○	M4,5	0,75	21	5 x 4	5	4,5	55	13	2	3,8	JIS	H2
0508050	●	M5	0,8	25	5,5 x 4,5	5,5	5	60	16	2	4,2	JIS	H2
0610050	○	M6	1	30	6 x 4,5	6	6	62	19	2	5	JIS	H2
0812550	●	M8	1,25	35	6,2 x 5	6,2	8	70	22	2	6,8	JIS	H3
1015050	●	M10	1,5	39	7 x 5,5	7	10	75	24	2	8,5	JIS	H3
1217550	●	M12	1,75	48	8,5 x 6,5	8,5	12	82	29	3	10,2	JIS	H4
1420050	●	M14	2	48	10,5 x 8	10,5	14	88	30	3	12	JIS	H4
1620050	○	M16	2	52	12,5 x 10	12,5	16	95	32	3	14	JIS	H4
1825050	○	M18	2,5	55	14 x 11	14	18	100	34	3	15,5	JIS	H4
2025050	○	M20	2,5	58	15 x 12	15	20	105	34	4	17,5	JIS	H4
2225050	○	M22	2,5	63	17 x 13	17	22	115	34	4	19,5	JIS	H4
2430050	○	M24	3	66	19 x 15	19	24	120	38	4	21	JIS	H4
0405050	○	MF4	0,5	21	5 x 4	5	4	52	10	3	3,5	JIS	H2
0505050	○	MF5	0,5	25	5,5 x 4,5	5,5	5	60	12	3	4,5	JIS	H2
0607550	○	MF6	0,75	30	6 x 4,5	6	6	62	14	3	5,3	JIS	H2
0807550	○	MF8	0,75	35	6,2 x 5	6,2	8	70	19	3	7,3	JIS	H3
0810050	○	MF8	1	35	6,2 x 5	6,2	8	70	19	3	7	JIS	H3
1007550	○	MF10	0,75	39	7 x 5,5	7	10	75	20	3	9,3	JIS	H3
1010050	○	MF10	1	39	7 x 5,5	7	10	75	20	3	9	JIS	H3
1012550	○	MF10	1,25	39	7 x 5,5	7	10	75	20	3	8,8	JIS	H3
1210050	○	MF12	1	48	8,5 x 6,5	8,5	12	82	22	3	11	JIS	H3
1212550	○	MF12	1,25	48	8,5 x 6,5	8,5	12	82	22	3	10,8	JIS	H3
1215050	○	MF12	1,5	48	8,5 x 6,5	8,5	12	82	22	3	10,5	JIS	H3
1410050	○	MF14	1	48	10,5 x 8	10,5	14	88	22	3	13	JIS	H3
1415050	●	MF14	1,5	48	10,5 x 8	10,5	14	88	22	3	12,5	JIS	H3
1615050	○	MF16	1,5	52	12,5 x 10	12,5	16	95	22	3	14,5	JIS	H3
1815050	○	MF18	1,5	55	14 x 11	14	18	100	25	3	16,5	JIS	H4
2015050	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	H4
2215050	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	H4
2415050	○	MF24	1,5	66	19 x 15	19	24	120	28	4	22,5	JIS	H4
2420050	○	MF24	2	66	19 x 15	19	24	120	28	4	22	JIS	H4

Applicable workpiece range

◎: Excellent ○: Good

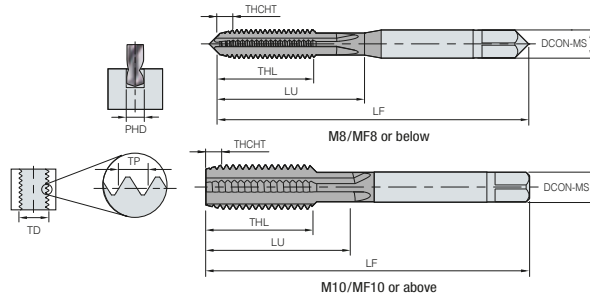
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-AIMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVSAM

Straight flute Tap

- JIS
- SFT
- TIAIN**
- K
- E/B Form
- M MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT	TCTR
0305015	○	M3	0,5	18	4 x 3,2	4	3	46	11	3	2,5	JIS	E	H2
0407015	○	M4	0,7	21	5 x 4	5	4	52	13	3	3,3	JIS	E	H2
04507515	○	M4,5	0,75	21	5 x 4	5	4,5	55	13	3	3,8	JIS	E	H2
0508015	○	M5	0,8	25	5,5 x 4,5	5,5	5	60	16	3	4,2	JIS	E	H2
0610015	●	M6	1	30	6 x 4,5	6	6	62	19	4	5	JIS	E	H2
0812515	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	6,8	JIS	E	H3
1015015	●	M10	1,5	39	7 x 5,5	7	10	75	24	4	8,5	JIS	E	H3
1217515	○	M12	1,75	48	8,5 x 6,5	8,5	12	82	29	4	10,2	JIS	E	H4
1420015	○	M14	2	48	10,5 x 8	10,5	14	88	30	4	12	JIS	E	H4
1620015	○	M16	2	52	12,5 x 10	12,5	16	95	32	4	14	JIS	E	H4
1825015	○	M18	2,5	55	14 x 11	14	18	100	34	4	15,5	JIS	E	H4
2025015	○	M20	2,5	58	15 x 12	15	20	105	34	4	17,5	JIS	E	H4
2225015	○	M22	2,5	63	17 x 13	17	22	115	34	4	19,5	JIS	E	H4
2430015	○	M24	3	66	19 x 15	19	24	120	38	4	21	JIS	E	H4
0810015	○	MF8	1	35	6,2 x 5	6,2	8	70	19	4	7	JIS	E	H3
1012515	○	MF10	1,25	39	7 x 5,5	7	10	75	20	4	8,8	JIS	E	H3
1210015	○	MF12	1	48	8,5 x 6,5	8,5	12	82	22	4	11	JIS	E	H3
1212515	●	MF12	1,25	48	8,5 x 6,5	8,5	12	82	22	4	10,8	JIS	E	H3
1215015	○	MF12	1,5	48	8,5 x 6,5	8,5	12	82	22	4	10,5	JIS	E	H3
1415015	○	MF14	1,5	48	10,5 x 8	10,5	14	88	22	4	12,5	JIS	E	H3
1615015	○	MF16	1,5	52	12,5 x 10	12,5	16	95	22	4	14,5	JIS	E	H3
1815015	○	MF18	1,5	55	14 x 11	14	18	100	25	4	16,5	JIS	E	H4
2015015	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	E	H4
2215015	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	E	H4
2415015	○	MF24	1,5	66	19 x 15	19	24	120	28	4	22,5	JIS	E	H4
2420015	○	MF24	2	66	19 x 15	19	24	120	28	4	22	JIS	E	H4

SVSAM

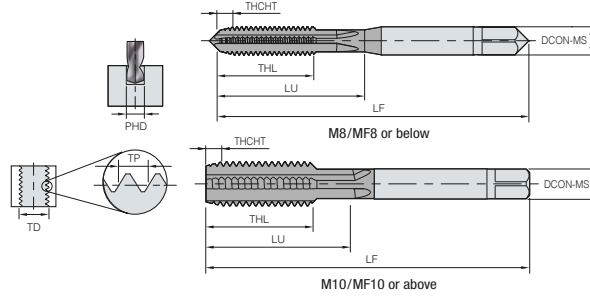
Applicable workpiece range

◎: Excellent ○: Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM	○			SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
											◎													

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

- JIS
- SFT
- TAIN**
- K
- E/B Form
- M MF
- H2-4
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT	TCTR
0305050	○	M3	0,5	18	4 x 3,2	4	3	46	11	3	2,5	JIS	B	H2
0407050	○	M4	0,7	21	5 x 4	5	4	52	13	3	3,3	JIS	B	H2
04507550	○	M4,5	0,75	21	5 x 4	5	4,5	55	13	3	3,8	JIS	B	H2
0508050	○	M5	0,8	25	5,5 x 4,5	5,5	5	60	16	3	4,2	JIS	B	H2
0610050	○	M6	1	30	6 x 4,5	6	6	62	19	4	5	JIS	B	H2
0812550	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	6,8	JIS	B	H3
1015050	○	M10	1,5	39	7 x 5,5	7	10	75	24	4	8,5	JIS	B	H3
1217550	○	M12	1,75	48	8,5 x 6,5	8,5	12	82	29	4	10,2	JIS	B	H4
1420050	○	M14	2	48	10,5 x 8	10,5	14	88	30	4	12	JIS	B	H4
1620050	○	M16	2	52	12,5 x 10	12,5	16	95	32	4	14	JIS	B	H4
1825050	○	M18	2,5	55	14 x 11	14	18	100	34	4	15,5	JIS	B	H4
2025050	○	M20	2,5	58	15 x 12	15	20	105	34	4	17,5	JIS	B	H4
2225050	○	M22	2,5	63	17 x 13	17	22	115	34	4	19,5	JIS	B	H4
2430050	○	M24	3	66	19 x 15	19	24	120	38	4	21	JIS	B	H4
0810050	○	MF8	1	35	6,2 x 5	6,2	8	70	19	4	7	JIS	B	H3
1012550	○	MF10	1,25	39	7 x 5,5	7	10	75	20	4	8,8	JIS	B	H3
1210050	○	MF12	1	48	8,5 x 6,5	8,5	12	82	22	4	11	JIS	B	H3
1212550	○	MF12	1,25	48	8,5 x 6,5	8,5	12	82	22	4	10,8	JIS	B	H3
1215050	○	MF12	1,5	48	8,5 x 6,5	8,5	12	82	22	4	10,5	JIS	B	H3
1415050	○	MF14	1,5	48	10,5 x 8	10,5	14	88	22	4	12,5	JIS	B	H3
1615050	○	MF16	1,5	52	12,5 x 10	12,5	16	95	22	4	14,5	JIS	B	H3
1815050	○	MF18	1,5	55	14 x 11	14	18	100	25	4	16,5	JIS	B	H4
2015050	○	MF20	1,5	58	15 x 12	15	20	105	25	4	18,5	JIS	B	H4
2215050	○	MF22	1,5	63	17 x 13	17	22	115	25	4	20,5	JIS	B	H4
2415050	○	MF24	1,5	66	19 x 15	19	24	120	28	4	22,5	JIS	B	H4
2420050	○	MF24	2	66	19 x 15	19	24	120	28	4	22	JIS	B	H4

Applicable workpiece range

◎: Excellent ○: Good

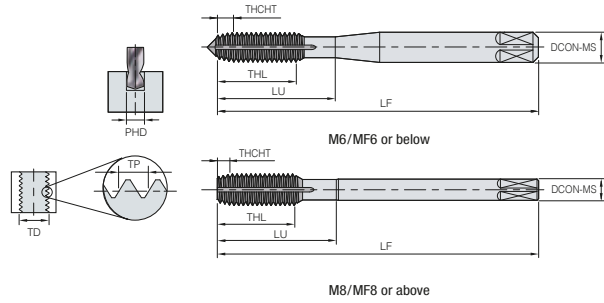
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM	○			SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
											◎													

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVROM

Roll Tap

- JIS
- RT
- X
- P(K)
- C/B Form
- M
- H5-8
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD		BSG	THCHT	TCTR	Oil groove
0305020S	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	C	H5	S
0305020M	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	C	H5	M
0407020S	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	C	H6	S
0407020M	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	C	H6	M
0508020S	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	C	H6	S
0508020M	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	C	H6	M
0610020S	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	C	H7	S
0610020M	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	C	H7	M
0810020S	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	C	H7	S
0810020M	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	C	H7	M
0812520S	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	C	H7	S
0812520M	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	C	H7	M
1012520S	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	C	H7	S
1012520M	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	C	H7	M
1015020S	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	C	H7	S
1015020M	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	C	H7	M
1210020S	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	C	H7	S
1210020M	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	C	H7	M
1212520S	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	C	H7	S
1212520M	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	C	H7	M
1215020S	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	C	H7	S
1215020M	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	C	H7	M
1217520S	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	C	H8	S
1217520M	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	C	H8	M
0305040M	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	B	H5	M
0407040M	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	B	H6	M
0508040M	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	B	H6	M
0610040M	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	B	H7	M
0810040M	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	B	H7	M
0812540M	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	B	H7	M
1012540M	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	B	H7	M
1015040M	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	B	H7	M
1210040M	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	B	H7	M
1212540M	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	B	H7	M
1215040M	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	B	H7	M
1217540M	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	B	H8	M

Oil groove S: 1 oil groove
Oil groove M: 4 oil groove

Applicable workpiece range

◎: Excellent ○: Good

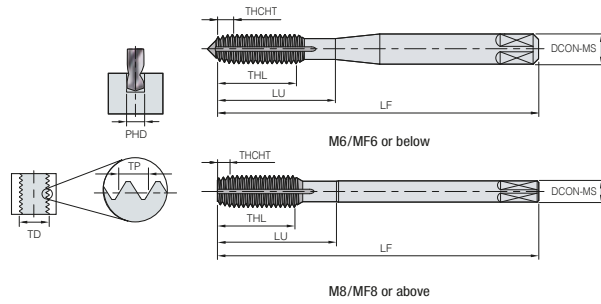
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM	○			SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
											◎													

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVRTM

Roll Tap

- JIS
- RT
- TiN
- P(K)
- C/B Form
- M
- H5-8
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT	TCTR	Oil groove	
0305020S	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	C	H5	S
0305020M	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	C	H5	M
0407020S	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	C	H6	S
0407020M	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	C	H6	M
0508020S	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	C	H6	S
0508020M	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	C	H6	M
0610020S	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	C	H7	S
0610020M	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	C	H7	M
0810020S	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	C	H7	S
0810020M	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	C	H7	M
0812520S	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	C	H7	S
0812520M	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	C	H7	M
1012520S	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	C	H7	S
1012520M	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	C	H7	M
1015020S	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	C	H7	S
1015020M	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	C	H7	M
1210020S	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	C	H7	S
1210020M	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	C	H7	M
1212520S	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	C	H7	S
1212520M	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	C	H7	M
1215020S	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	C	H7	S
1215020M	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	C	H7	M
1217520S	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	C	H8	S
1217520M	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	C	H8	M
0305040M	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	B	H5	M
0407040M	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	B	H6	M
0508040M	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	B	H6	M
0610040M	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	B	H7	M
0810040M	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	B	H7	M
0812540M	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	B	H7	M
1012540M	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	B	H7	M
1015040M	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	B	H7	M
1210040M	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	B	H7	M
1212540M	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	B	H7	M
1215040M	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	B	H7	M
1217540M	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	B	H8	M

Oil groove S: 1 oil groove
Oil groove M: 4 oil groove

Applicable workpiece range

◎: Excellent ○: Good

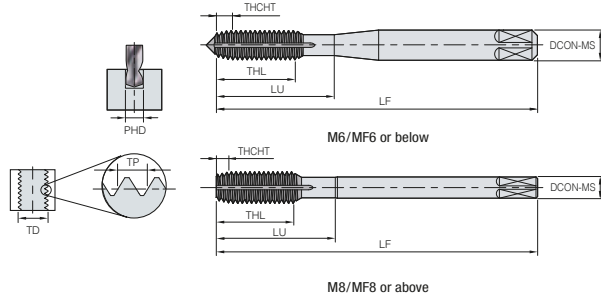
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVRCM

Roll Tap

- JIS
- RT
- TiCN
- P(K)
- C/B Form
- M
- H5-8
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	NOF	PHD	BSG	THCHT	TCTR	Oil groove	
0305020S	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	C	H5	S
0305020M	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	C	H5	M
0407020S	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	C	H6	S
0407020M	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	C	H6	M
0508020S	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	C	H6	S
0508020M	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	C	H6	M
0610020S	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	C	H7	S
0610020M	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	C	H7	M
0810020S	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	C	H7	S
0810020M	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	C	H7	M
0812520S	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	C	H7	S
0812520M	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	C	H7	M
1012520S	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	C	H7	S
1012520M	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	C	H7	M
1015020S	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	C	H7	S
1015020M	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	C	H7	M
1210020S	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	C	H7	S
1210020M	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	C	H7	M
1212520S	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	C	H7	S
1212520M	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	C	H7	M
1215020S	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	C	H7	S
1215020M	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	C	H7	M
1217520S	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	C	H8	S
1217520M	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	C	H8	M
0305040M	○	M3	0,5	17	4 x 3,2	4	3	46	11	4	2,76	2,81	JIS	B	H5	M
0407040M	○	M4	0,7	19,5	5 x 4	5	4	52	13	4	3,65	3,7	JIS	B	H6	M
0508040M	○	M5	0,8	23	5,5 x 4,5	5,5	5	60	16	4	4,59	4,66	JIS	B	H6	M
0610040M	○	M6	1	27	6 x 4,5	6	6	62	19	4	5,48	5,57	JIS	B	H7	M
0810040M	○	M8	1	35	6,2 x 5	6,2	8	70	22	4	7,48	7,57	JIS	B	H7	M
0812540M	○	M8	1,25	35	6,2 x 5	6,2	8	70	22	4	7,34	7,41	JIS	B	H7	M
1012540M	○	M10	1,25	40	7 x 5,5	7	10	75	24	4	9,34	9,41	JIS	B	H7	M
1015040M	○	M10	1,5	40	7 x 5,5	7	10	75	24	4	9,18	9,28	JIS	B	H7	M
1210040M	○	M12	1	44	8,5 x 6,5	8,5	12	82	29	4	11,48	11,57	JIS	B	H7	M
1212540M	○	M12	1,25	44	8,5 x 6,5	8,5	12	82	29	4	11,34	11,41	JIS	B	H7	M
1215040M	○	M12	1,5	44	8,5 x 6,5	8,5	12	82	29	4	11,18	11,28	JIS	B	H7	M
1217540M	○	M12	1,75	44	8,5 x 6,5	8,5	12	82	29	4	11,05	11,15	JIS	B	H8	M

Oil groove S: 1 oil groove
Oil groove M: 4 oil groove

Applicable workpiece range

◎: Excellent ○: Good

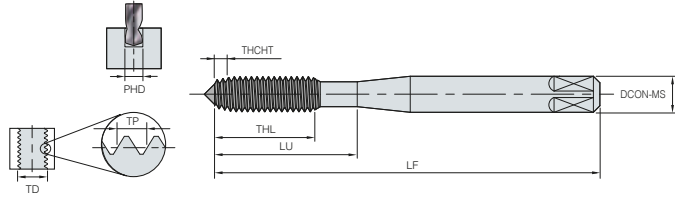
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVFOM

Spiral roll Tap

- JIS
- SRT
- X
- P(K)
- C/B Form
- M
- H6-7
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	PHD		BSG	THCHT	TCTR	
SVFOM	0305020	○	M3	0,5	21	4 x 3,2	4	3	46	18	2,76	2,81	JIS	C	H6
	03506020	○	M3,5	0,6	21	4 x 3,2	4	3,5	46	18	3,2	3,26	JIS	C	H6
	0407020	○	M4	0,7	22	5 x 4	5	4	52	20	3,65	3,7	JIS	C	H7
	0508020	○	M5	0,8	27	5,5 x 4,5	5,5	5	60	22	4,59	4,66	JIS	C	H7
	0610020	○	M6	1	29	6 x 4,5	6	6	62	24	5,48	5,57	JIS	C	H7
	0305040	○	M3	0,5	21	4 x 3,2	4	3	46	18	2,76	2,81	JIS	B	H6
	03506040	○	M3,5	0,6	21	4 x 3,2	4	3,5	46	18	3,2	3,26	JIS	B	H6
	0407040	○	M4	0,7	22	5 x 4	5	4	52	20	3,65	3,7	JIS	B	H7
	0508040	○	M5	0,8	27	5,5 x 4,5	5,5	5	60	22	4,59	4,66	JIS	B	H7
	0610040	○	M6	1	29	6 x 4,5	6	6	62	24	5,48	5,57	JIS	B	H7

Applicable workpiece range

◎: Excellent ○: Good

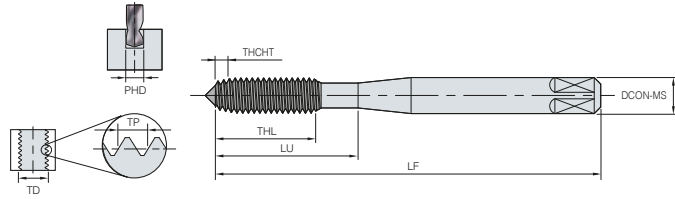
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVFTM

Spiral roll Tap

- JIS
- SRT
- TiN
- P(K)
- C/B Form
- M
- H6-7
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	PHD		BSG	THCHT	TCTR	
SVFTM	0305020	○	M3	0,5	21	4 x 3,2	4	3	46	18	2,76	2,81	JIS	C	H6
	03506020	○	M3,5	0,6	21	4 x 3,2	4	3,5	46	18	3,2	3,26	JIS	C	H6
	0407020	○	M4	0,7	22	5 x 4	5	4	52	20	3,65	3,7	JIS	C	H7
	0508020	○	M5	0,8	27	5,5 x 4,5	5,5	5	60	22	4,59	4,66	JIS	C	H7
	0610020	○	M6	1	29	6 x 4,5	6	6	62	24	5,48	5,57	JIS	C	H7
	0305040	○	M3	0,5	21	4 x 3,2	4	3	46	18	2,76	2,81	JIS	B	H6
	03506040	○	M3,5	0,6	21	4 x 3,2	4	3,5	46	18	3,2	3,26	JIS	B	H6
	0407040	○	M4	0,7	22	5 x 4	5	4	52	20	3,65	3,7	JIS	B	H7
	0508040	○	M5	0,8	27	5,5 x 4,5	5,5	5	60	22	4,59	4,66	JIS	B	H7
	0610040	○	M6	1	29	6 x 4,5	6	6	62	24	5,48	5,57	JIS	B	H7

Applicable workpiece range

◎: Excellent ○: Good

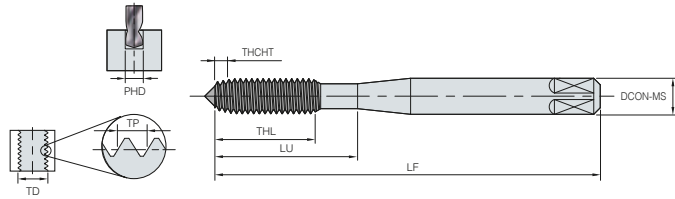
Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25-C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C-S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

SVFCM

Spiral roll Tap

- JIS
- SRT
- TiCN
- P(K)
- C/B Form
- M
- H6-7
- HSS-E



(mm)

Designation	Stock	TDZ	TP	LU	CZC-MS	DCON-MS	TD	LF	THL	PHD		BSG	THCHT	TCTR	
SVFCM	0305020	○	M3	0,5	21	4 x 3,2	4	3	46	18	2,76	2,81	JIS	C	H6
	03506020	○	M3,5	0,6	21	4 x 3,2	4	3,5	46	18	3,2	3,26	JIS	C	H6
	0407020	○	M4	0,7	22	5 x 4	5	4	52	20	3,65	3,7	JIS	C	H7
	0508020	○	M5	0,8	27	5,5 x 4,5	5,5	5	60	22	4,59	4,66	JIS	C	H7
	0610020	○	M6	1	29	6 x 4,5	6	6	62	24	5,48	5,57	JIS	C	H7
	0305040	○	M3	0,5	21	4 x 3,2	4	3	46	18	2,76	2,81	JIS	B	H6
	03506040	○	M3,5	0,6	21	4 x 3,2	4	3,5	46	18	3,2	3,26	JIS	B	H6
	0407040	○	M4	0,7	22	5 x 4	5	4	52	20	3,65	3,7	JIS	B	H7
	0508040	○	M5	0,8	27	5,5 x 4,5	5,5	5	60	22	4,59	4,66	JIS	B	H7
	0610040	○	M6	1	29	6 x 4,5	6	6	62	24	5,48	5,57	JIS	B	H7

Applicable workpiece range

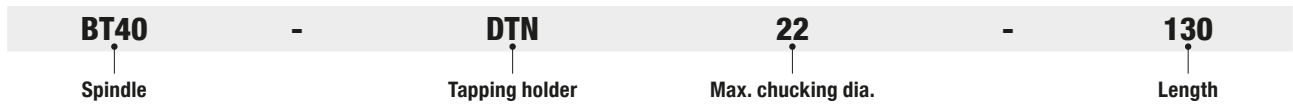
◎: Excellent ○: Good

Division	Carbon steel			Alloy steel	Quenched and tempered steel			Stainless steel	Tool steel	Cast steel	Cast iron	Ductile cast iron	Copper	Brass	Brass cast	Bronze	Aluminum rolled material	Aluminum cast, alloyed	Magnesium cast, alloyed	Zinc cast, alloyed	Titanium alloy	Nickel alloy	Thermo setting plastic	Thermo plastic
DIN	-C25	C25 -C45	C45-	CrMoS4	25-45 HRC	45-55 HRC	50-60 HRC	CrNi	X30W CrV9.3	GS	GG	GGG	Cu	17660	17660	CAC	AWxx	G-AISI, GD-ALMg	MC	-	Ti	Ni	Bakelite phenol epoxy	Nylon vinyl chloride
JIS	-S25C	S25C -S45C	S45C-	SCM				SUS	SKD	SC	FC	FCD	Cu	Bs	BsC	CAC	Axx	AC, ALDC	MC	ZDC	Ti	Ni		
	○	○						○					○	○	○	○	○	○		○				

▲: Stock item Europe ●: Stock item Korea ○: Production on demand

DTN (Tapping holder)

Code system



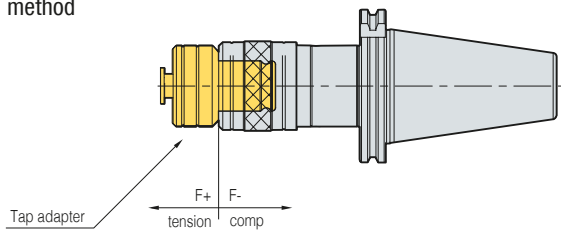
Features

- Quick and convenient modular tool change using exclusive adapter
- Tap life increased in general machining centers through the tension function
- Tapping range: M3 - M38



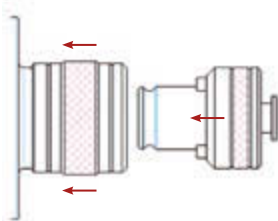
Easy TCA (Tap adapter) change

- Fast tap change per adapter pi based on the one-touch change method that enables high accuracy and a long service life and useful for various machining operations
- Enables tension and compression using the axial direction floating method



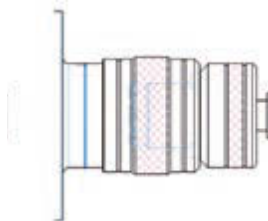
How to clamp TCA and a Tap holder

TCA insertion



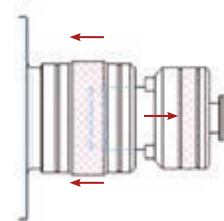
1. Insert TCA after pressing the tap holder cover down.
2. Connect TCA to be aligned with the key groove and press it until you hear a "click" sound.

TCA mounting



3. Place the tap holder cover in the normal position.

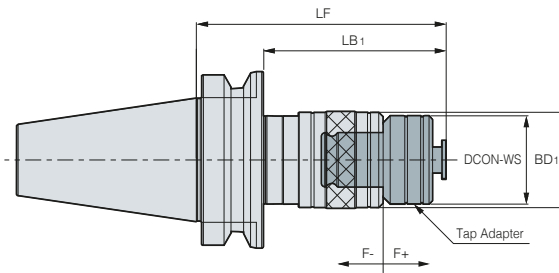
TCA removal



4. Remove TCA after pressing the tap holder cover.

BT-DTN

Tapping holder



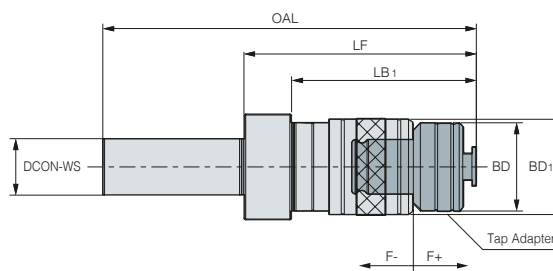
(mm)

Designation	Stock	Tapping range	LF	LB1	DCON-WS	BD1	Adaptor	F-	F+	Kg
BT30 - DTN12-85	●	M3-M12	85	63	32	39	TCA1-M	4	10	0,5
BT40 -	DTN12-90	●	M3-M12	90	63	32	TCA1-M	4	10	1,2
	DTN12-120	●	M3-M12	120	93	32	TCA1-M	4	10	1,5
	DTN22-130	●	M8-M24	130	103	50	TCA2-M	12,5	12,5	1,7
	DTN22-160	●	M8-M24	160	133	50	TCA2-M	12,5	12,5	2,2
BT50 -	DTN12-100	●	M3-M12	100	62	32	TCA1-M	4	10	3,9
	DTN12-130	●	M3-M12	130	92	32	TCA1-M	4	10	3,9
	DTN22-140	●	M8-M24	140	102	50	TCA2-M	12,5	12,5	4,3
	DTN22-170	●	M8-M24	170	132	50	TCA2-M	12,5	12,5	4,7
	DTN38-185	●	M16-M38	185	147	72	TCA3-M	20	20	5,7
	DTN38-215	●	M16-M38	215	177	72	TCA3-M	20	20	6,7

• Internal coolant system is optional

S-DTN

Straight shank tapping holder



(mm)

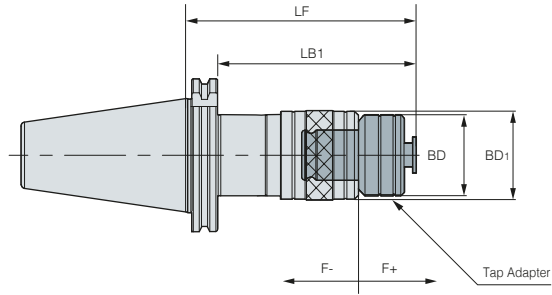
Designation	Stock	Tapping range	BD	DCON-WS	OAL	BD1	LF	LB1	Adaptor	F-	F+	Kg
S32-	DTN12-90	●	M3-M12	32	32	170	39	90	TCA1	4	10	1,0
	DTN22-130	●	M8-M24	50	32	210	56	130	TCA2	12,5	12,5	1,8

• Internal coolant system is optional

▲ : Stock item Europe ● : Stock item Korea ○ : Production on demand

SK-DTN

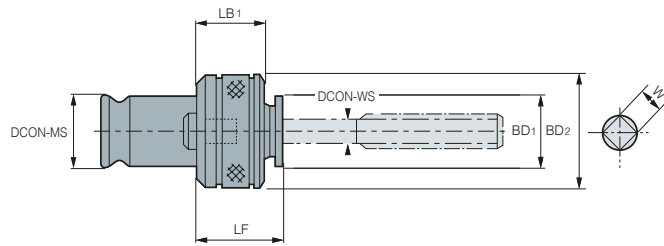
Tapping holder



(mm)

Designation	Stock	Tapping range	BD	BD1	LF	LB1	Adaptor	F-	F+	Kg
SK40-	●	M3-M12	32	39	90	70,9	TCA1-M	4	10	1,0
	●	M8-M24	50	56	130	110,9	TCA2-M	12,5	12,5	1,6
SK50-	●	M3-M12	32	39	100	80,9	TCA1-M	4	10	2,9
	●	M8-M24	50	56	140	120,9	TCA2-M	12,5	12,5	3,5

• Internal coolant system is optional



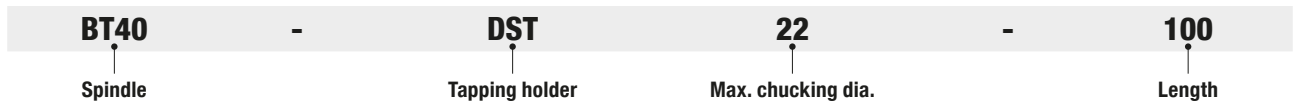
(mm)

Designation	Stock	DCON-WS	LF	DCON-MS	LB1	BD1	BD2	W	Kg	
TCA1-	M3	●	4	27	19	25	19	32	3	0,2
	M4	●	5	27	19	25	19	32	4	0,2
	M5	●	6	27	19	25	19	32	4	0,2
	M6	●	6	27	19	25	19	32	4	0,2
	M8	●	6,2	27	19	25	19	32	5	0,2
	M10	●	7	27	19	25	19	32	6	0,2
	M11	●	8	27	19	25	19	32	6	0,2
TCA2-	M12	●	9	27	19	25	19	32	7	0,2
	M8	●	6,2	34	31	31	29	50	5	0,5
	M10	●	7	34	31	31	29	50	6	0,5
	M12	●	8,5	34	31	31	29	50	7	0,5
	M14	●	11	34	31	31	29	50	8	0,5
	P1/4	●	11	34	31	31	29	50	9	0,5
	M16	●	13	34	31	31	29	50	10	0,5
	M18	●	14	34	31	31	29	50	11	0,5
	M20	●	15	34	31	31	29	50	12	0,5
	M22	●	17	34	31	31	29	50	13	0,5
TCA3-	P1/2	●	18	34	31	31	29	50	14	0,5
	M24	●	19	34	31	31	29	50	15	0,5
	M16	●	13	45	48	41	44	72	10	1,4
	M18	○	14	45	48	41	44	72	11	1,4
	M20	●	15	45	48	41	44	72	12	1,4
	M22	○	17	45	48	41	44	72	13	1,4
	M24	●	19	45	48	41	44	72	15	1,4
	M27	●	20	45	48	41	44	72	15	1,4
M30	●	23	45	48	41	44	72	17	1,4	
M33	●	25	45	48	41	44	72	19	1,4	
M36	●	28	45	48	41	44	72	21	1,4	

● Internal coolant system is optional

DST (High speed synchro tapping chuck)

Code system

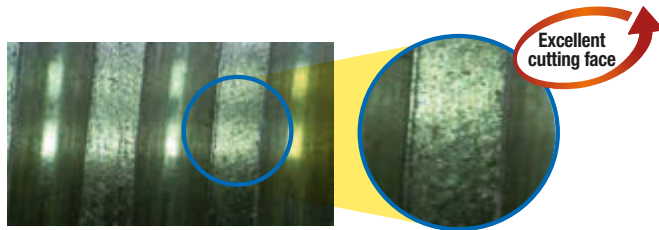


Features

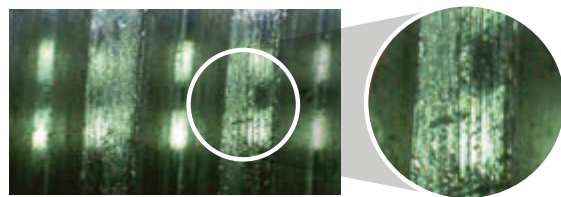
- Tapping chuck for high speed machining
- Specially designed to absorb thrust load tto prevent tap damage and a longer tool service life
- Internal coolant applicable
- Tapping range: M1 - M22



Precise machining



DST22
(V=100 m/min)



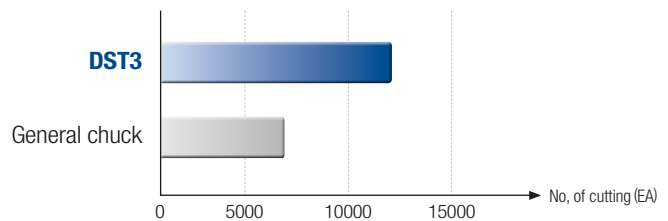
Conventional one



Tapping dedicated collet

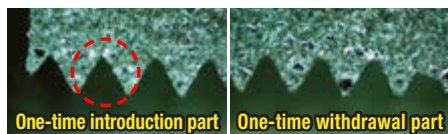
- In the case of tapping, it is recommended to use TER collet.
- DST3: ER11 collet used

M1.4 x 0.3 Life test



» Increased tool service life versus collet chuck use

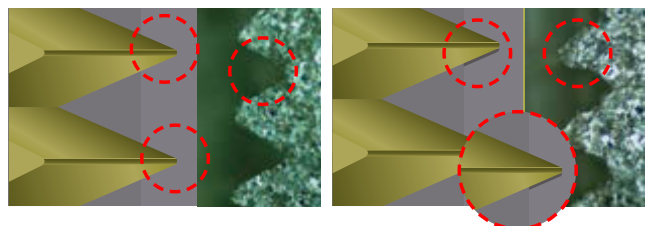
Comparison of Thread shape



DST



General collet chuck



Synchro tap chuck (DST3)

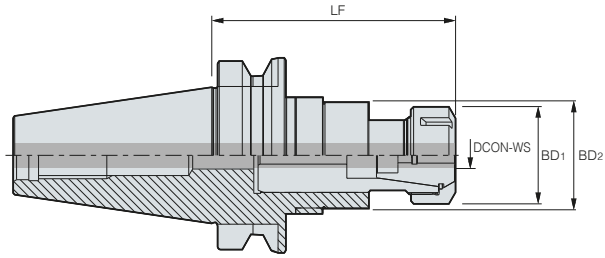
Clean thread shape without collapse

General collet chuck

Collapsed thread due to no adjustment for synchro error

BT-DST

High speed synchro tapping chuck



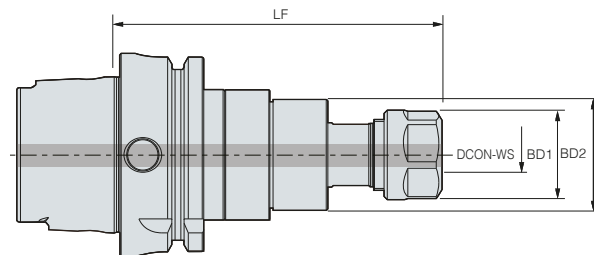
(mm)

Designation	Stock	DCON-WS	LF	BD1	BD2	Collet	F -	F +	Kg	
BT30-	DST3-70	○	M1-M3	70	20	19	ER11	0,5	0,5	0,5
	DST10-100	▲	M3-M10	100	40,4	28	TER16	0,5	0,5	0,8
BT40-	DST3-70	●	M1-M3	70	20	19	ER11	0,5	0,5	1,0
	DST10-100	▲	M3-M10	100	40,4	28	TER16	0,5	0,5	1,3
	DST22-110	▲	M6-M22	110	60	50	TER32	0,7	0,7	1,7
BT50-	DST10-110	●	M3-M10	110	60	50	TER16	0,5	0,5	3,8
	DST22-130	●	M6-M22	130	60	50	TER32	0,7	0,7	4,5

• Internal coolant system is optional

HSK-DST

High speed synchro tapping chuck



(mm)

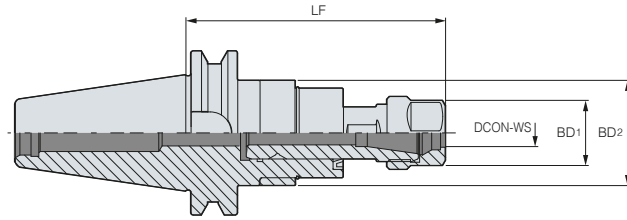
Designation	Stock	DCON-WS	LF	BD1	BD2	Collet	F -	F +	Kg	
HSK63A-	DST3-80	●	M1-M3	80	19	20	ER11	0,5	0,5	0,7
	DST10-100	○	M3-M10	100	28	40,4	TER16	0,5	0,5	0,9
	DST22-130	●	M6-M22	130	49,5	60	TER32	0,7	0,7	1,8

• Internal coolant system is optional

▲ : Stock item Europe ● : Stock item Korea ○ : Production on demand

SK-DST

High speed synchro tapping chuck



(mm)

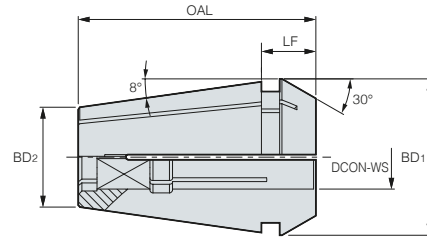
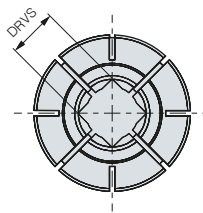
Designation		Stock	DCON-WS	LF	BD1	BD2	Collet	F-	F+	Kg
SK30-	DST3-70	○	M1-M3	70	19	20	ER11	0,2	0,2	0,4
	DST3-70	○	M1-M3	70	19	20	ER11	0,2	0,2	0,9
SK40-	DST10-110	▲	M3-M10	110	28	35	TER16	0,5	0,5	1,2
	DST22-120	▲	M6-M22	120	50	54	TER32	0,7	0,7	1,8
SK50-	DST10-110	○	M3-M10	110	28	35	TER16	0,5	0,5	3,0
	DST22-120	○	M6-M22	120	50	54	TER32	0,7	0,7	3,7

• Internal coolant system is optional

Parts

Division	Basic		For separate purchase				Division	For separate purchase
	Nut		Spanner		ER / TER			Coolant tube for HSK
Parts							Parts	
Designation							Designation	
DST3	R11	-	S-17	-	GERC11/ER11-ØD	-	HSK50A	HSK50A-CNS
DST10	R16	-	S-25	-	-	TER16-ØD	HSK63A	HSK63A-CNS
DST22	-	RU32	-	48-52	-	TER32-ØD	HSK100A	HSK100A-CNS

▲ : Stock item Europe ● : Stock item Korea ○ : Production on demand



(mm)

Designation	Stock	Tapping range	DCON-WS	OAL	DRVS	BD1	BD2	LF	Kg	
TER16 -	4x3,2	●	M3	4	27,5	3,2	16,74	10,1	6,3	0,03
	5x4	●	M4	5	27,5	4	16,74	10,1	6,3	0,03
	5,5x4,5	●	M5	5,5	27,5	4,5	16,74	10,1	6,3	0,02
	6x4,5	●	M6,U1/4	6	27,5	4,5	16,74	10,1	6,3	0,02
	6,2x5	●	M7, M8	6,2	27,5	5	16,74	10,1	6,3	0,02
	7x5,5	●	M9, M10, U3/8	7	27,5	5,5	16,74	10,1	6,3	0,02
TER20 -	5x4	●	M4	5	31,5	4	20,74	13,2	7,2	0,05
	5,5x4,5	●	M5	5,5	31,5	4,5	20,74	13,2	7,2	0,05
	6x4,5	●	M6,U1/4	6	31,5	4,5	20,74	13,2	7,2	0,05
	6,2x5	●	M7, M8	6,2	31,5	5	20,74	13,2	7,2	0,04
	7x5,5	●	M9, M10, U3/8	7	31,5	5,5	20,74	13,2	7,2	0,05
	8x6	●	M11, U7/16, P1/8	8	31,5	6	20,74	13,2	7,2	0,04
	8,5x6,5	●	M12	8,5	31,5	6,5	20,74	13,2	7,2	0,04
TER25 -	5x4	●	M4	5	34	4	25,74	17,6	7,5	0,09
	5,5x4,5	●	M5	5,5	34	4,5	25,74	17,6	7,5	0,08
	6x4,5	●	M6	6	34	4,5	25,74	17,6	7,5	0,08
	6,2x5	●	M7, M8	6,2	34	5	25,74	17,6	7,5	0,08
	7x5,5	●	M9, M10, U3/8	7	34	5,5	25,74	17,6	7,5	0,08
	8,5x6,5	●	M12	8,5	34	6,5	25,74	17,6	7,5	0,08
TER32 -	6x4,5	●	M6,U1/4	6	40	4,5	32,74	23,1	8,2	0,2
	6,2x5	●	M7, M8	6,2	40	5	32,74	23,1	8,2	0,2
	7x5,5	●	M9, M10, U3/8	7	40	5,5	32,74	23,1	8,2	0,2
	8X6	●	M11, U7/16, P1/8	8	40	6	32,74	23,1	8,2	0,2
	8,5x6,5	●	M12	8,5	40	6,5	32,74	23,1	8,2	0,2
	10,5x8	●	M14, U9/16	10,5	40	8	32,74	23,1	8,2	0,2
	12,5x10	●	M16	12,5	40	10	32,74	23,1	8,2	0,2
	14x11	○	M18, P3/8	14	40	11	32,74	23,1	8,2	0,1
	15x12	○	M20	15	40	12	32,74	23,1	8,2	0,1
	17x13	○	M22, U7/8	17	40	13	32,74	23,1	8,2	0,1
	11x9	●	P1/4	11	40	9	32,74	23,1	8,2	0,2
	12x9	●	U5/8	12	40	9	32,74	23,1	8,2	0,2
	9x7	●	U1/2	9	40	7	32,74	23,1	8,2	0,2

▲ : Stock item Europe ● : Stock item Korea ○ : Production on demand

TEH (Tap Extension Holder)

Code system

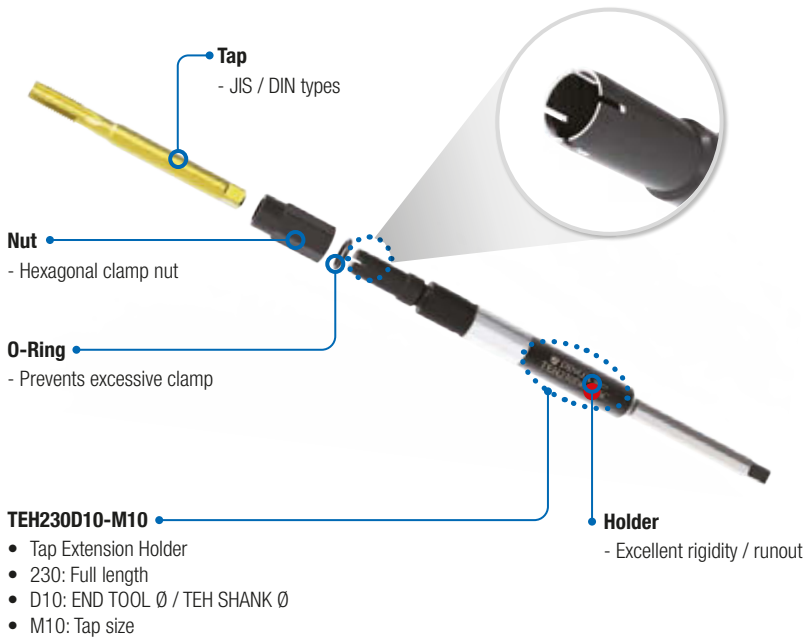
TEH	230	D6	J	-	M6	C
Tap Extension Holder	Length	Shank dia.	J: JIS Non: DIN		Tap size	C: Coolant Non: General

Features

- Product specialized for processing deep, narrow hole taps
- Excellent rigidity and stable runout due to the short incision unit
- Excellent economic efficiency compared to general long tap
- The application of O-Ring prevents over clamping
- Optimized for processing narrow, deep holes such as the hole of an engine



Structure



Processing of deep holes



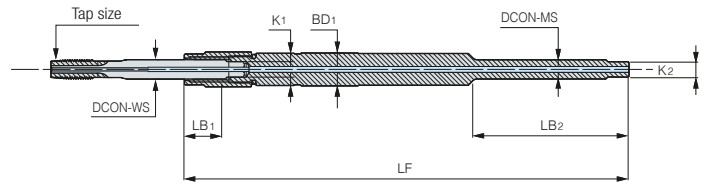
TEH Processing 0
General long Tap Processing X

Full length comparison	TEH	General long tap
M10	230 mm	150 mm
M22	330 mm	200 mm

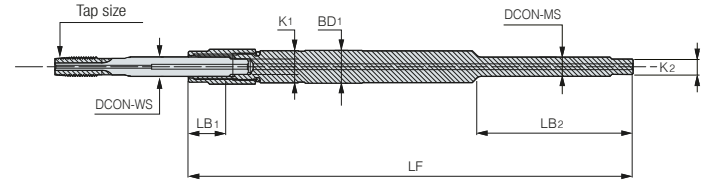
Since the full length is longer than that of the general long tap, it is favorable for processing narrow, deep holes.

TEH Setting Method





Pic.1



Pic.2

(mm)

Designation (JIS)	Stock	Tapping range	LB1	LB2	LF	BD1	DCON-WS	DCON-MS	K1	K2	Nut external diameter Ø	Pic.	
TEH230	D5J-M4	○	M4	18	50	230	11	5	6	4	4.5	12.1	2
	D6J-M6C	○	M6	18	50	230	12	6	6	4.5	4.5	13.3	1
	D6,2J-M8C	○	M8	18	65	230	12	6.2	6.2	5	5	13.3	1
	D7J-M10C	○	M10	18	65	230	13	7	7	5.5	5.5	14.4	1
	D8,5J-M12C	○	M12	22	65	230	14	8.5	8.5	6.5	6.5	15.6	1
TEH330	D10,5J-M14C	○	M14	25	70	330	16	10.5	10.5	8	8	17.9	1
	D12,5J-M16C	○	M16	25	70	330	18	12.5	12.5	10	10	19.9	1
	D14J-M18C	○	M18	25	70	330	20	14	14	11	11	21.9	1
	D15J-M20C	○	M20	25	75	330	21	15	15	12	12	22.9	1
	D17J-M22C	○	M22	25	75	330	23	17	17	13	13	25.9	1

•Internal coolant system is basic (Fig.2 Designation is non-coolant type)

Designation (DIN)	Stock	Tapping range	LB1	LB2	LF	BD1	DCON-WS	DCON-MS	K1	K2	Nut external diameter Ø	Pic.	
TEH230	D4,5-M4	○	M4	18	50	230	10	4.5	6	3.4	4.5	11.1	2
	D6-M6C	○	M6	20	50	230	12	6	7	4.9	5.5	13.3	1
	D8-M8C	○	M8	23	65	230	14	8	8	6.3	6.2	15.6	1
	D10-M10C	○	M10	24	65	230	16	10	10	8	8	17.9	1
	D9-M12C	○	M12	23	65	230	15	9	9	7	7	16.8	1
TEH330	D11-M14C	○	M14	26	70	330	17	11	11	9	9	19.1	1
	D12-M16C	○	M16	26	70	330	18	12	12	9	9	19.9	1
	D14-M18C	○	M18	28	70	330	20	14	14	11	11	21.9	1
	D16-M20C	○	M20	28	75	330	22	16	16	12	12	23.9	1
	D18-M22C	○	M22	28	75	330	24	18	18	14.5	14.5	25.9	1

•Internal coolant system is basic (Fig.2 Designation is non-coolant type)

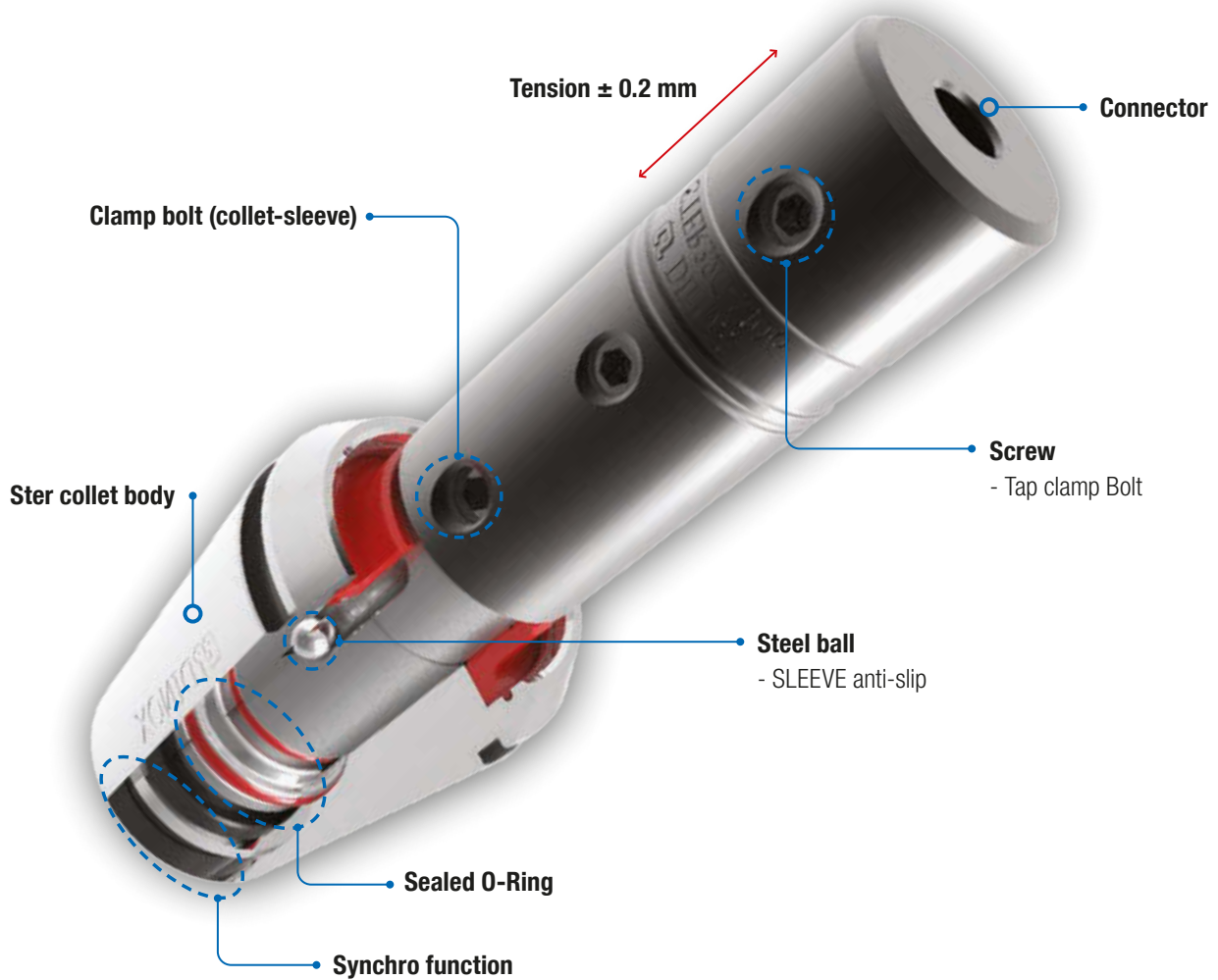
STER PAT. (DINE Synchro Tapping ER Collet)

Code system

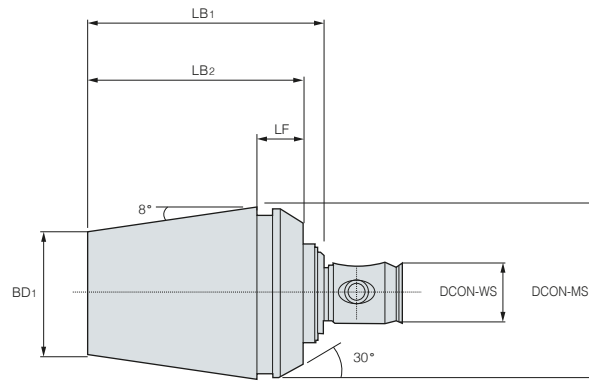


Features

- A special ER collet designed to minimize synchronizing error when used with general ER collet chuck.
- Minimized synchronization error, improved thread precision
- Prevented tap damage and extended tool life.
- Improved thread tolerance
- Recommended to use a dedicated tap for high-speed machining.
- Optimized design in MCT with RIGID function



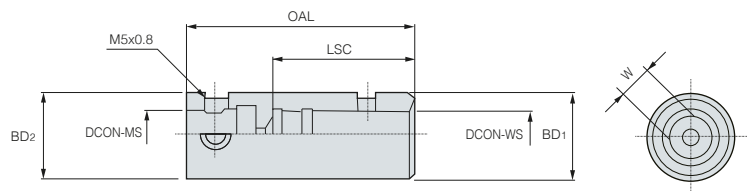
Collet



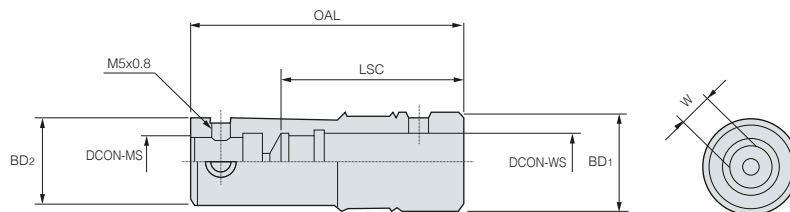
(mm)

Designation	Stock	DCON-MS	BD1	DCON-WS	LB1	LB2	LF	Screw	Wrench
STER32	●	32	23,1	11	44	40	8,2	BTTD506F BTTD504	LW-2,5

Connector



Pic.1



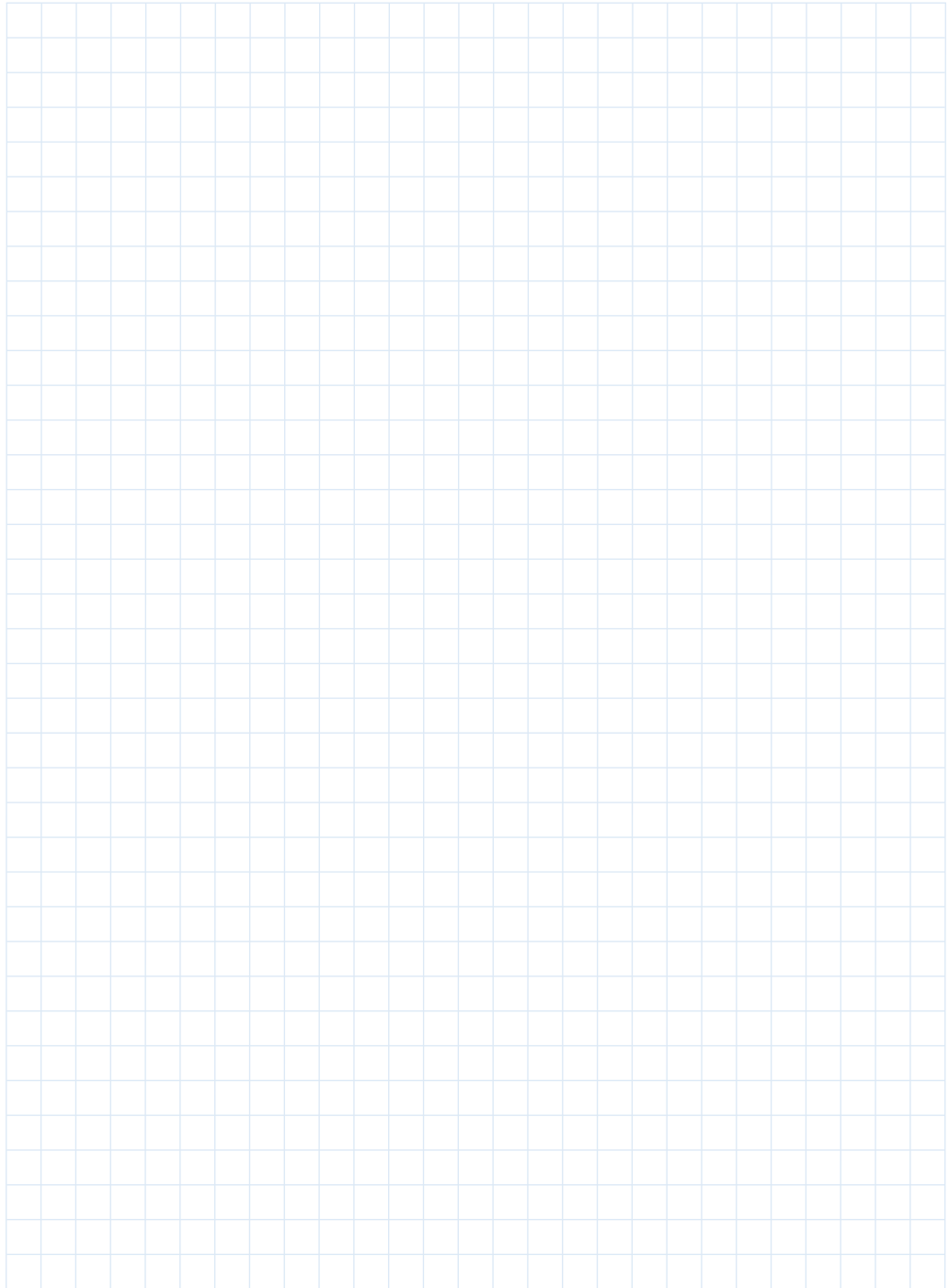
Pic.2

(mm)

Designation	Stock	BD1	BD2	DCON-WS	DCON-MS	OAL	LSC	W	Screw	Wrench	Pic,	
STER32C-	M6	●	19	21	6	11	50	29,5	4,5	BTTD506F BTTD504	LW-2,5	1
	M8	●	19	21	6,2	11	50	30	5			1
	M10	●	19	21	7	11	50	29	5,5			1
	M12	●	19	21	8,5	11	50	30,5	6,5			1
	M14	●	19	21	10,5	11	50	31	8			1
	M16	●	19	21	12,5	11	50	40,5	10			2

▲ : Stock item Europe ● : Stock item Korea ○ : Production on demand

Notes



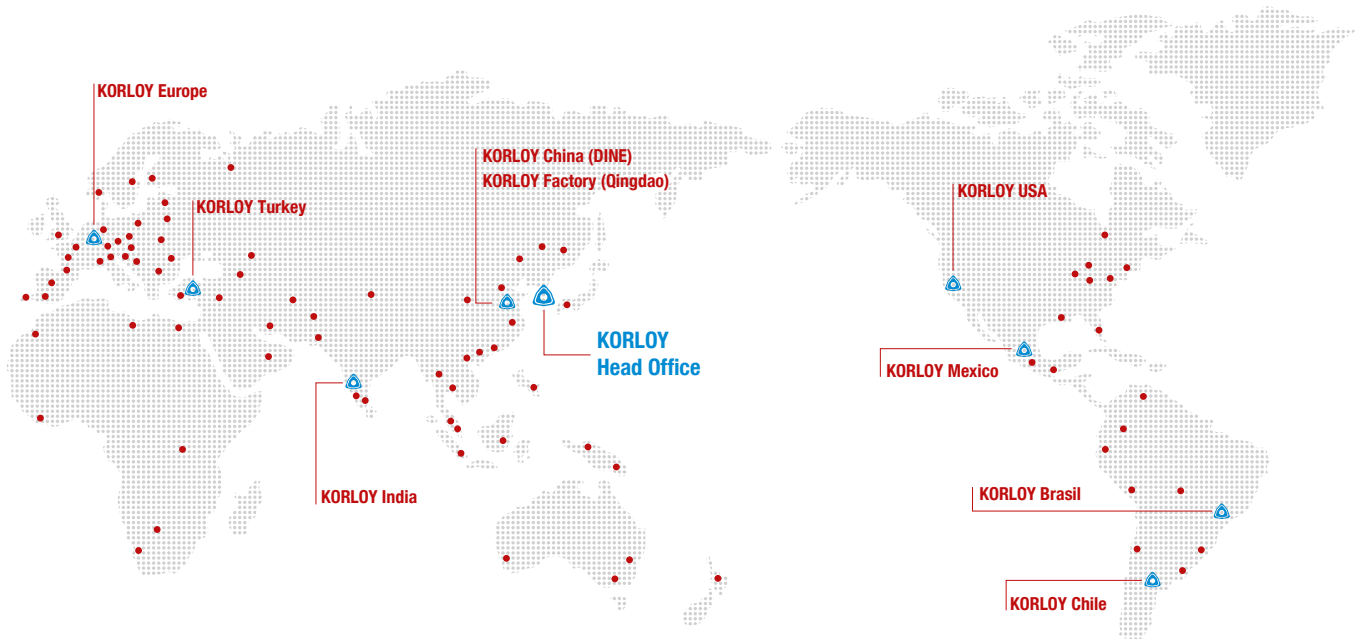
For the safe metalcutting

- Use safety supplies such as protective gloves to prevent possible injury while touching the edge of tools.
- Use safety glasses or safety cover to hedge possible dangers. Inappropriate usage or excessive cutting condition may lead tool's breakage or even the fragment's scattering.
- Clamp the workpiece tightly enough to prevent its movement while its machining.

Properly manage the tool change phase because the inordinately used tool can be easily broken under the excessive cutting load or severe wear, and it may threaten the operator's safety.

- Use safety cover because chips evacuated during cutting are hot and sharp and may cause burns and cuts. To remove chips safely, stop machining, put on protective gloves, and use a hook or other tools.

- Prepare for fire prevention measures as the use of the non-water soluble cutting oil may cause fire.
- Use safety cover and other safety supplies because the spare parts or the inserts can be pulled out due to centrifugal force while high speed machining.



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