

HSS



Being the best through innovation



SPIRAL POINT TAPS

通孔加工 (HSS-EX & HSS-PM)

TAPPING THROUGH HOLES (HSS-EX & HSS-PM)

SELECTION GUIDE

先端丝锥 / SPIRAL POINT TAPS

通孔加工, HSS-EX & HSS-PM / Tapping Through Holes, HSS-EX & HSS-PM

SPIRAL POINT TAPS

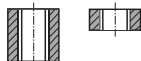
项目 EDP No.	型号 MODEL	刀具材质 Tool Material	标准 Standard	工件材质 Work Material	尺寸 Dimensions	丝锥公差 Tolerance	倒角 Chamfer	表面处理 Surface Treatment	页 PAGE
T1022		HSS-EX	M	GS	I-GP	YH	5.0P	Homo	359
T1272		HSS-EX	UNC/F	GS	I-GP	JIS II	5.0P	Homo	363
T1282		HSS-EX	W	GS	I-GP	JIS II	5.0P	Homo	365
T1042		HSS-EX	M	GS	J-GP	YH	5.0P	Homo	366
T1142		HSS-EX	UNC/F	GS	J-GP	JIS II	5.0P	Homo	370
T1262		HSS-EX	W	GS	J-GP	JIS II	5.0P	Homo	372
T3022		HSS-EX	M	GS	I-GPtin	YH	5.0P	TiN	373
T3042		HSS-EX	M	GS	I-GPtin	YH	5.0P	TiN	374
T1023		HSS-EX	M	VA	I-GP _{sus}	YH	4.0P	Homo	375
T1043		HSS-EX	M	VA	I-GP _{sus}	YH	4.0P	Homo	377
T2021		HSS-EX	M	AI	I-GPal	YH	5.0P	Bright	379
T2041		HSS-EX	M	AI	I-GPal	YH	5.0P	Bright	381
TW201		HSS-EX	M	HR	I-GPtan	YH	5.0P	TiAlN	383
TL231		HSS-PM	M	Ni	I-GPPMni	YH	4.0P	Homo	384

M 普通先端丝锥 SPIRAL POINT TAPS for GENERAL PURPOSE

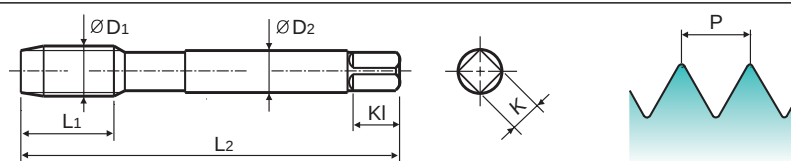
► 适用于碳钢和合金钢的通孔加工，优异的排屑。

► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T1022132	YH2	40	7.5	3	2.5	5	2
M2.2	× 0.45	T1022152	YH2	42	8.5	3	2.5	5	2
M2.3	× 0.4	T1022192	YH2	42	8.5	3	2.5	5	2
M2.5	× 0.45	T1022172	YH2	44	8.5	3	2.5	5	2
M2.6	× 0.45	T1022492	YH2	44	8.5	3	2.5	5	2
M3	× 0.5	T1022202	YH2	46	11	4	3.2	6	3
M3	× 0.35	T1022212	YH2	46	9.5	4	3.2	6	3
M3.5	× 0.6	T1022222	YH2	48	13	4	3.2	6	3
M3.5	× 0.35	T1022232	YH2	48	9.5	4	3.2	6	3
M4	× 0.7	T1022242	YH2	52	13	5	4	7	3
M4	× 0.5	T1022252	YH2	52	13	5	4	7	3
M4.5	× 0.75	T1022262	YH2	55	13	5	4	7	3
M4.5	× 0.5	T1022272	YH2	55	13	5	4	7	3
M5	× 0.8	T1022282	YH2	60	16	5.5	4.5	7	3
M5	× 0.5	T1022292	YH2	60	13	5.5	4.5	7	3
M5.5	× 0.5	T1022302	YH2	60	16	5.5	4.5	7	3
M6	× 1	T1022312	YH2	62	19	6	4.5	7	3
M6	× 0.75	T1022322	YH2	62	19	6	4.5	7	3
M6	× 0.5	T1022332	YH2	60	13	6	4.5	7	3
M7	× 1	T1022342	YH2	65	19	6.2	5	8	3
M7	× 0.75	T1022352	YH2	65	19	6.2	5	8	3
M8	× 1.25	T1022363	YH3	70	22	6.2	5	8	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○

HSS

CARBIDE



SPIRAL POINT TAPS

T1022 SERIES

M

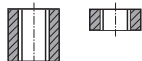
普通先端丝锥

SPIRAL POINT TAPS for GENERAL PURPOSE

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► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

GS

HSS-EX

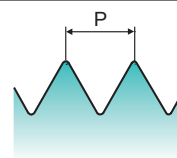
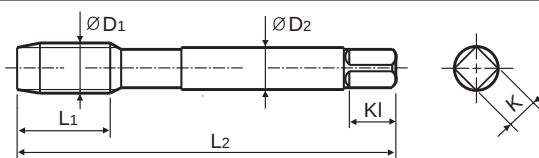
I-GP

YH

5.0P

Homo

- Tap Limits : P.530
- up to M8 : Male Center
- Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M8	× 1	T1022373	YH3	70	22	6.2	5	8	3
M8	× 0.75	T1022383	YH3	70	22	6.2	5	8	3
M9	× 1.25	T1022393	YH3	72	22	7	5.5	8	3
M9	× 1	T1022403	YH3	72	22	7	5.5	8	3
M9	× 0.75	T1022413	YH3	72	22	7	5.5	8	3
M10	× 1.5	T1022423	YH3	75	24	7	5.5	8	3
M10	× 1.25	T1022433	YH3	75	24	7	5.5	8	3
M10	× 1	T1022443	YH3	75	24	7	5.5	8	3
M10	× 0.75	T1022453	YH3	75	22	7	5.5	8	3
M11	× 1.5	T1022463	YH3	80	25	8	6	9	3
M11	× 1	T1022473	YH3	80	25	8	6	9	3
M11	× 0.75	T1022483	YH3	80	25	8	6	9	3
M12	× 1.75	T1022504	YH4	82	29	8.5	6.5	9	3
M12	× 1.5	T1022513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	T1022523	YH3	82	29	8.5	6.5	9	3
M12	× 1	T1022533	YH3	82	29	8.5	6.5	9	3
M14	× 2	T1022544	YH4	88	30	10.5	8	11	3
M14	× 1.5	T1022553	YH3	88	30	10.5	8	11	3
M14	× 1.25	T1022563	YH3	88	30	10.5	8	11	3
M14	× 1	T1022573	YH3	88	30	10.5	8	11	3
M15	× 1.5	T1022583	YH3	90	30	10.5	8	11	3
M15	× 1	T1022593	YH3	90	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

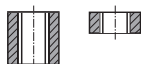
低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
◎	○				○	○	○			
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				
										○

M 普通先端丝锥 SPIRAL POINT TAPS for GENERAL PURPOSE

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► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups
GS

HSS-EX

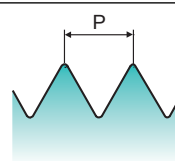
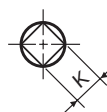
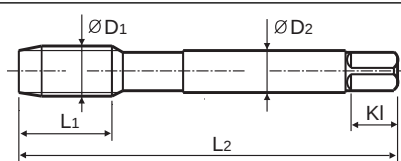
I-GP

YH

5.0P

Homo

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M16	× 2	T1022604	YH4	95	32	12.5	10	13	3
M16	× 1.5	T1022613	YH3	95	32	12.5	10	13	3
M16	× 1	T1022623	YH3	95	32	12.5	10	13	3
M18	× 2.5	T1022654	YH4	100	37	14	11	14	3
M18	× 2	T1022664	YH4	100	37	14	11	14	3
M18	× 1.5	T1022674	YH4	100	37	14	11	14	3
M18	× 1	T1022683	YH3	95	30	14	11	14	3
M20	× 2.5	T1022704	YH4	105	37	15	12	15	3
M20	× 2	T1022714	YH4	105	37	15	12	15	3
M20	× 1.5	T1022724	YH4	105	37	15	12	15	3
M20	× 1	T1022733	YH3	95	30	15	12	15	3
M22	× 2.5	T1022744	YH4	115	38	17	13	16	3
M22	× 2	T1022754	YH4	115	38	17	13	16	3
M22	× 1.5	T1022764	YH4	115	38	17	13	16	3
M22	× 1	T1022773	YH3	95	30	17	13	16	3
M24	× 3	T1022784	YH4	120	45	19	15	18	3
M24	× 2	T1022794	YH4	120	45	19	15	18	3
M24	× 1.5	T1022804	YH4	120	45	19	15	18	3
M24	× 1	T1022813	YH3	95	30	19	15	18	3
M25	× 2	T1022824	YH4	125	45	19	15	18	3
M25	× 1.5	T1022834	YH4	125	45	19	15	18	3
M26	× 2	T1022N44	YH4	125	45	20	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○



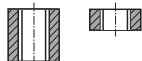
普通先端丝锥

SPIRAL POINT TAPS for GENERAL PURPOSE

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Hole type



HSS-EX

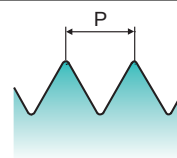
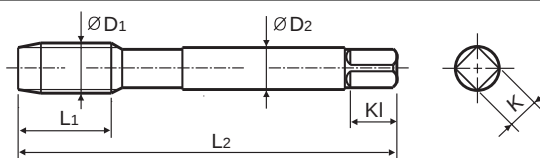
I-GP

YH

5.0P

Homo

- Tap Limits : P.530
- up to M8 : Male Center
- Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length K1	槽数 No. of Flute
ØD1	P								
M26 × 1.5		T1022854	YH4	125	45	20	15	18	4
M26 × 1		T1022N53	YH3	95	30	20	15	18	4
M27 × 3		T1022864	YH4	130	45	20	15	18	4
M27 × 2		T1022874	YH4	130	45	20	15	18	4
M27 × 1.5		T1022884	YH4	130	45	20	15	18	4
M28 × 2		T1022904	YH4	130	45	21	17	20	4
M28 × 1.5		T1022914	YH4	130	45	21	17	20	4
M30 × 3.5		T1022945	YH5	135	48	23	17	20	4
M30 × 3		T1022954	YH4	135	48	23	17	20	4
M30 × 2		T1022964	YH4	135	45	23	17	20	4
M30 × 1.5		T1022974	YH4	135	45	23	17	20	4
M30 × 1		T1022982	YH2	105	30	23	17	20	4
M33 × 3.5		T1022A45	YH5	145	51	25	19	22	4
M33 × 3		T1022A54	YH4	145	51	25	19	22	4
M33 × 2		T1022A63	YH3	145	45	25	19	22	4
M33 × 1.5		T1022A74	YH4	145	45	25	19	22	4
M36 × 4		T1022B35	YH5	155	57	28	21	24	4
M36 × 3		T1022B44	YH4	155	57	28	21	24	4
M36 × 2		T1022B53	YH3	155	45	28	21	24	4
M36 × 1.5		T1022B64	YH4	155	45	28	21	24	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○

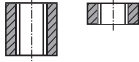
UNC/F 普通先端丝锥

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Hole type



Material groups
GS

HSS-EX

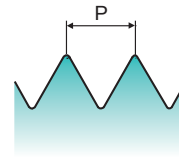
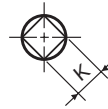
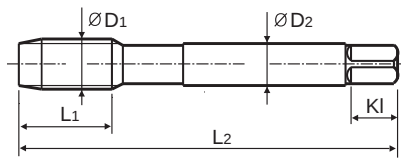
I-GP

JIS II

5.0P

Homo

- Tap Limits : JIS II
- up to 5/16 : Male Center
- Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1									
#4 - 40 UNC		T1272162	JIS II	44	8.5	3	2.5	5	2
#4 - 48 UNF		T1272182	JIS II	44	8.5	3	2.5	5	2
#5 - 40 UNC		T1272202	JIS II	46	11	4	3.2	6	3
#5 - 44 UNF		T1272222	JIS II	46	11	4	3.2	6	3
#6 - 32 UNC		T1272242	JIS II	48	13	4	3.2	6	3
#6 - 40 UNF		T1272262	JIS II	48	13	4	3.2	6	3
#8 - 32 UNC		T1272282	JIS II	52	13	5	4	7	3
#8 - 36 UNF		T1272302	JIS II	52	13	5	4	7	3
#10 - 24 UNC		T1272322	JIS II	60	16	5.5	4.5	7	3
#10 - 32 UNF		T1272342	JIS II	60	16	5.5	4.5	7	3
#12 - 24 UNC		T1272362	JIS II	60	16	5.5	4.5	7	3
#12 - 28 UNF		T1272382	JIS II	60	16	5.5	4.5	7	3
1/4 - 20 UNC		T1272402	JIS II	62	19	6	4.5	7	3
1/4 - 28 UNF		T1272422	JIS II	62	19	6	4.5	7	3
5/16 - 18 UNC		T1272442	JIS II	70	22	6.1	5	8	3
5/16 - 24 UNF		T1272462	JIS II	70	22	6.1	5	8	3

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◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

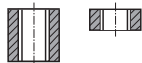
HSS

CARBIDE

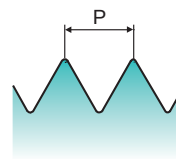
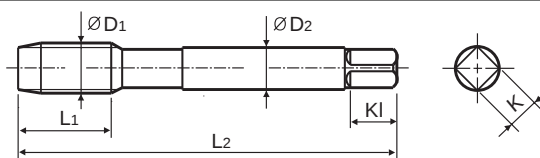

**SPIRAL POINT
TAPS**
T1272 SERIES
UNC/F
普通先端丝锥
SPIRAL POINT TAPS for GENERAL PURPOSE

▶ 适用于碳钢和合金钢的通孔加工，优异的排屑。

▶ Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type

HSS-EX
I-GP
JIS II
5.0P
Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1									
3/8 - 16 UNC		T1272482	JIS II	75	24	7	5.5	8	3
3/8 - 24 UNF		T1272502	JIS II	75	24	7	5.5	8	3
7/16 - 14 UNC		T1272522	JIS II	80	25	8	6	9	3
7/16 - 20 UNF		T1272542	JIS II	80	25	8	6	9	3
1/2 - 13 UNC		T1272562	JIS II	85	29	9	7	10	3
1/2 - 20 UNF		T1272582	JIS II	85	29	9	7	10	3
9/16 - 12 UNC		T1272602	JIS II	90	30	10.5	8	11	3
9/16 - 18 UNF		T1272622	JIS II	90	30	10.5	8	11	3
5/8 - 11 UNC		T1272642	JIS II	95	32	12	9	12	3
5/8 - 18 UNF		T1272662	JIS II	95	32	12	9	12	3
3/4 - 10 UNC		T1272702	JIS II	105	37	14	11	14	3
3/4 - 16 UNF		T1272722	JIS II	105	37	14	11	14	3
7/8 - 9 UNC		T1272742	JIS II	115	38	17	13	16	3
7/8 - 14 UNF		T1272762	JIS II	115	38	17	13	16	3
1" - 8 UNC		T1272782	JIS II	125	45	20	15	18	3
1" - 12 UNF		T1272802	JIS II	125	45	20	15	18	3

◎ : 优(Excellent) ○ : 良(Good)

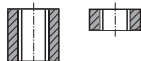
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

W 普通先端丝锥 SPIRAL POINT TAPS for GENERAL PURPOSE

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Hole type



HSS-EX

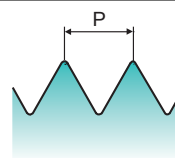
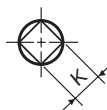
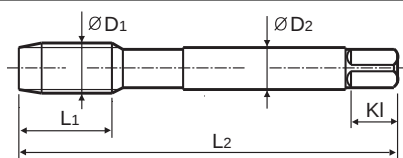
I-GP

JIS II

5.0P

Homo

- Tap Limits : JIS II
- up to 5/16 : Male Center
- Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1									
W1/8	- 40	T1282202	JIS II	46	11	4	3.2	6	3
W3/16	- 24	T1282322	JIS II	60	16	5.5	4.5	7	3
W1/4	- 20	T1282402	JIS II	62	19	6	4.5	7	3
W5/16	- 18	T1282442	JIS II	70	22	6.1	5	8	3
W3/8	- 16	T1282482	JIS II	75	24	7	5.5	8	3
W7/16	- 14	T1282522	JIS II	80	25	8	6	9	3
W1/2	- 12	T1282562	JIS II	85	29	9	7	10	3
W9/16	- 12	T1282602	JIS II	90	30	10.5	8	11	3
W5/8	- 11	T1282642	JIS II	95	32	12	9	12	3
W3/4	- 10	T1282702	JIS II	105	37	14	11	14	3
W7/8	- 9	T1282742	JIS II	115	38	17	13	16	3
W1"	- 8	T1282782	JIS II	125	45	20	15	18	3

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

HSS

CARBIDE



SPIRAL POINT TAPS

T1042 SERIES

M

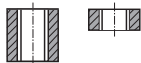
普通先端丝锥

SPIRAL POINT TAPS for GENERAL PURPOSE

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Hole type



Material groups

GS

HSS-EX

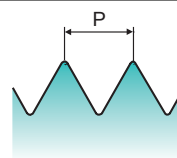
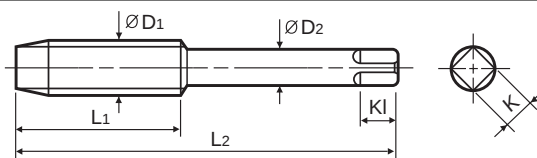
J-GP

YH

5.0P

Homo

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T1042132	YH2	40	15	3	2.5	5	2
M2.2	× 0.45	T1042152	YH2	42	15	3	2.5	5	2
M2.3	× 0.4	T1042192	YH2	42	15	3	2.5	5	2
M2.5	× 0.45	T1042172	YH2	44	16	3	2.5	5	2
M2.6	× 0.45	T1042492	YH2	44	16	3	2.5	5	2
M3	× 0.5	T1042202	YH2	46	18	4	3.2	6	3
M3	× 0.35	T1042212	YH2	46	18	4	3.2	6	3
M3.5	× 0.6	T1042222	YH2	48	18	4	3.2	6	3
M3.5	× 0.35	T1042232	YH2	48	18	4	3.2	6	3
M4	× 0.7	T1042242	YH2	52	20	5	4	7	3
M4	× 0.5	T1042252	YH2	52	20	5	4	7	3
M4.5	× 0.75	T1042262	YH2	55	20	5	4	7	3
M4.5	× 0.5	T1042272	YH2	55	20	5	4	7	3
M5	× 0.8	T1042282	YH2	60	22	5.5	4.5	7	3
M5	× 0.5	T1042292	YH2	60	22	5.5	4.5	7	3
M5.5	× 0.5	T1042302	YH2	60	22	5.5	4.5	7	3
M6	× 1	T1042312	YH2	62	24	6	4.5	7	3
M6	× 0.75	T1042322	YH2	62	24	6	4.5	7	3
M6	× 0.5	T1042332	YH2	60	22	6	4.5	7	3
M7	× 1	T1042342	YH2	65	26	6.2	5	8	3
M7	× 0.75	T1042352	YH2	65	26	6.2	5	8	3
M8	× 1.25	T1042363	YH3	70	30	6.2	5	8	3

◎ : 优(Excellent) ○ : 良(Good)

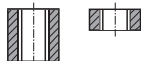
低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
◎	○				○	○	○			
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				
										○

普通先端丝锥 SPIRAL POINT TAPS for GENERAL PURPOSE

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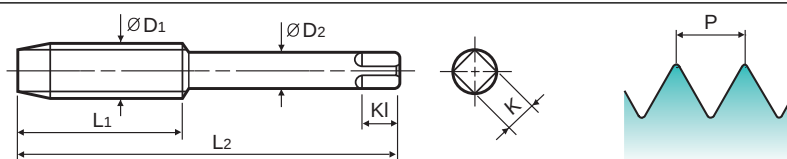
Hole type



Material groups
GS

HSS-EX J-GP YH 5.0P Homo

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M8	× 1	T1042373	YH3	70	15	3	2.5	5	3
M8	× 0.75	T1042383	YH3	65	26	3	2.5	5	3
M9	× 1.25	T1042393	YH3	72	30	7	5.5	5	3
M9	× 1	T1042403	YH3	70	30	7	5.5	5	3
M9	× 0.75	T1042413	YH3	65	26	7	5.5	5	3
M10	× 1.5	T1042423	YH3	75	32	7	5.5	5	3
M10	× 1.25	T1042433	YH3	75	32	7	5.5	5	3
M10	× 1	T1042443	YH3	70	30	7	5.5	5	3
M10	× 0.75	T1042453	YH3	65	26	7	5.5	5	3
M11	× 1.5	T1042463	YH3	80	38	8	6	9	3
M11	× 1	T1042474	YH4	70	30	8	6	9	3
M11	× 0.75	T1042483	YH3	65	26	8	6	9	3
M12	× 1.75	T1042504	YH4	82	38	8.5	6.5	9	3
M12	× 1.5	T1042513	YH3	82	38	8.5	6.5	9	3
M12	× 1.25	T1042523	YH3	80	38	8.5	6.5	9	3
M12	× 1	T1042533	YH3	70	30	8.5	6.5	9	3
M14	× 2	T1042544	YH4	88	42	10.5	8	11	3
M14	× 1.5	T1042553	YH3	88	42	10.5	8	11	3
M14	× 1.25	T1042563	YH3	80	38	10.5	8	11	3
M14	× 1	T1042573	YH3	70	30	10.5	8	11	3
M15	× 1.5	T1042583	YH3	90	42	10.5	8	11	3
M15	× 1	T1042593	YH3	70	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○



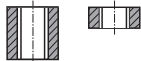
普通先端丝锥

SPIRAL POINT TAPS for GENERAL PURPOSE

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Hole type



HSS-EX

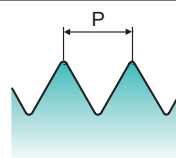
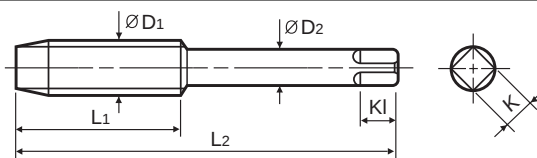
J-GP

YH

5.0P

Homo

- Tap Limits : P.530
- up to M8 : Male Center
- Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M16 × 2		T1042604	YH4	95	45	12.5	10	13	3
M16 × 1.5		T1042613	YH3	95	45	12.5	10	13	3
M16 × 1		T1042623	YH3	75	30	12.5	10	13	3
M18 × 2.5		T1042654	YH4	100	37	14	11	14	3
M18 × 2		T1042664	YH4	95	45	14	11	14	3
M18 × 1.5		T1042674	YH4	95	45	14	11	14	3
M18 × 1		T1042683	YH3	80	30	14	11	14	3
M20 × 2.5		T1042704	YH4	105	50	15	12	15	3
M20 × 2		T1042714	YH4	95	45	15	12	15	3
M20 × 1.5		T1042724	YH4	95	45	15	12	15	3
M20 × 1		T1042733	YH3	80	30	15	12	15	3
M22 × 2.5		T1042744	YH4	115	55	17	13	16	3
M22 × 2		T1042754	YH4	95	45	17	13	16	3
M22 × 1.5		T1042764	YH4	95	45	17	13	16	3
M22 × 1		T1042773	YH3	85	30	17	13	16	3
M24 × 3		T1042784	YH4	120	58	19	15	18	3
M24 × 2		T1042794	YH4	95	45	19	15	18	3
M24 × 1.5		T1042804	YH4	95	45	19	15	18	3
M24 × 1		T1042813	YH3	90	30	19	15	18	3
M25 × 2		T1042824	YH4	95	45	19	15	18	3
M25 × 1.5		T1042834	YH4	95	45	19	15	18	3
M26 × 2		T1042N44	YH4	95	45	20	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

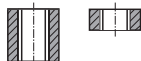
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○

M 普通先端丝锥 SPIRAL POINT TAPS for GENERAL PURPOSE

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Hole type



HSS-EX

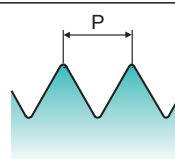
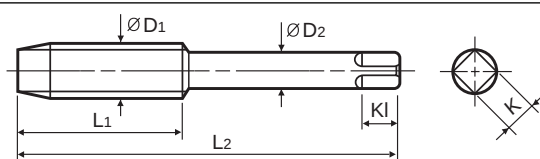
J-GP

YH

5.0P

Homo

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M26 × 1.5		T1042854	YH4	95	45	20	15	18	4
M26 × 1		T1042N53	YH3	95	30	20	15	18	4
M27 × 3		T1042864	YH4	130	62	20	15	18	4
M27 × 2		T1042874	YH4	95	45	20	15	18	4
M27 × 1.5		T1042884	YH4	95	45	20	15	18	4
M28 × 2		T1042904	YH4	105	45	21	17	20	4
M28 × 1.5		T1042914	YH4	105	45	21	17	20	4
M30 × 3.5		T1042945	YH5	135	65	23	17	20	4
M30 × 3		T1042954	YH4	135	65	23	17	20	4
M30 × 2		T1042964	YH4	105	45	23	17	20	4
M30 × 1.5		T1042974	YH4	105	45	23	17	20	4
M30 × 1		T1042982	YH2	105	30	23	17	20	4
M33 × 3.5		T1042A45	YH5	145	70	25	19	22	4
M33 × 3		T1042A54	YH4	145	70	25	19	22	4
M33 × 2		T1042A63	YH3	110	45	25	19	22	4
M33 × 1.5		T1042A74	YH4	110	45	25	19	22	4
M36 × 4		T1042B35	YH5	155	75	28	21	24	4
M36 × 3		T1042B44	YH4	155	75	28	21	24	4
M36 × 2		T1042B53	YH3	110	45	28	21	24	4
M36 × 1.5		T1042B64	YH4	110	45	28	21	24	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
◎	○				○	○	○			
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				
										○

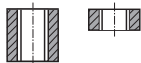
HSS

CARBIDE

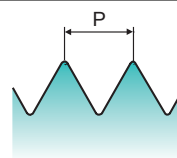
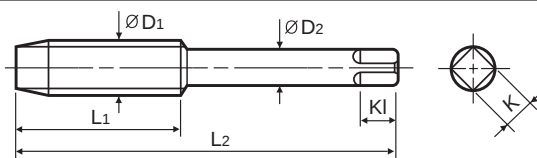

**SPIRAL POINT
TAPS**
T1142 SERIES
UNC/F
普通先端丝锥
SPIRAL POINT TAPS for GENERAL PURPOSE

▶ 适用于碳钢和合金钢的通孔加工，优异的排屑。

▶ Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type

HSS-EX
J-GP
JIS II
5.0P
Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length K1	槽数 No. of Flute
ØD1									
#4 - 40 UNC		T1142162	JIS II	44	16	3	2.5	5	3
#4 - 48 UNF		T1142182	JIS II	44	16	3	2.5	5	3
#5 - 40 UNC		T1142202	JIS II	46	18	4	3.2	6	3
#5 - 44 UNF		T1142222	JIS II	46	18	4	3.2	6	3
#6 - 32 UNC		T1142242	JIS II	48	18	4	3.2	6	3
#6 - 40 UNF		T1142262	JIS II	48	18	4	3.2	6	3
#8 - 32 UNC		T1142282	JIS II	52	20	5	4	7	3
#8 - 36 UNF		T1142302	JIS II	52	20	5	4	7	3
#10 - 24 UNC		T1142322	JIS II	60	22	5.5	4.5	7	3
#10 - 32 UNF		T1142342	JIS II	60	22	5.5	4.5	7	3
#12 - 24 UNC		T1142362	JIS II	60	22	5.5	4.5	7	3
#12 - 28 UNF		T1142382	JIS II	60	22	5.5	4.5	7	3
1/4 - 20 UNC		T1142402	JIS II	62	24	6	4.5	7	3
1/4 - 28 UNF		T1142422	JIS II	62	24	6	4.5	7	3
5/16 - 18 UNC		T1142442	JIS II	70	30	6.1	5	8	3
5/16 - 24 UNF		T1142462	JIS II	70	30	6.1	5	8	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

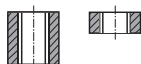
UNC/F 普通先端丝锥

SPIRAL POINT TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的通孔加工，优异的排屑。

► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups
GS

HSS-EX

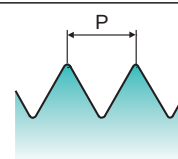
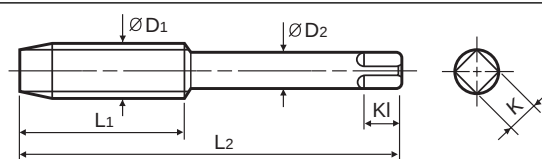
J-GP

JIS II

5.0P

Homo

► Tap Limits : JIS II
► up to 5/16 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1									
3/8 - 16 UNC		T1142482	JIS II	75	35	7	5.5	8	3
3/8 - 24 UNF		T1142502	JIS II	75	32	7	5.5	8	3
7/16 - 14 UNC		T1142522	JIS II	80	38	8	6	9	3
7/16 - 20 UNF		T1142542	JIS II	80	38	8	6	9	3
1/2 - 13 UNC		T1142562	JIS II	85	42	9	7	10	3
1/2 - 20 UNF		T1142582	JIS II	85	42	9	7	10	3
9/16 - 12 UNC		T1142602	JIS II	90	42	10.5	8	11	3
9/16 - 18 UNF		T1142622	JIS II	90	42	10.5	8	11	3
5/8 - 11 UNC		T1142642	JIS II	95	45	12	9	12	3
5/8 - 18 UNF		T1142662	JIS II	95	45	12	9	12	3
3/4 - 10 UNC		T1142702	JIS II	105	50	14	11	14	3
3/4 - 16 UNF		T1142722	JIS II	95	45	14	11	14	3
7/8 - 9 UNC		T1142742	JIS II	115	55	17	13	16	3
7/8 - 14 UNF		T1142762	JIS II	95	45	17	13	16	3
1" - 8 UNC		T1142782	JIS II	125	60	20	15	18	3
1" - 12 UNF		T1142802	JIS II	95	45	20	15	18	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Meduim Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

HSS

CARBIDE



SPIRAL POINT TAPS

T1262 SERIES



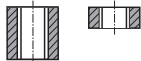
普通先端丝锥

SPIRAL POINT TAPS for GENERAL PURPOSE

► 适用于碳钢和合金钢的通孔加工，优异的排屑。

► Suitable for tapping Through holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

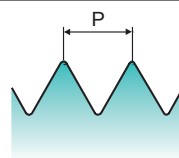
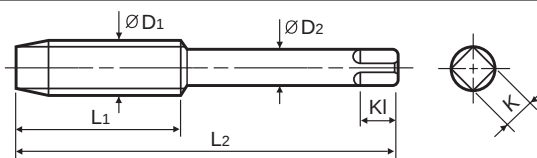
J-GP

JIS II

5.0P

Homo

- Tap Limits : JIS II
- up to 5/16 : Male Center
- Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1									
W1/8	- 40	T1262202	JIS II	46	18	4	3.2	6	3
W3/16	- 24	T1262322	JIS II	60	22	5.5	4.5	7	3
W1/4	- 20	T1262402	JIS II	62	24	6	4.5	7	3
W5/16	- 18	T1262442	JIS II	70	30	6.1	5	8	3
W3/8	- 16	T1262482	JIS II	75	35	7	5.5	8	3
W7/16	- 14	T1262522	JIS II	80	38	8	6	9	3
W1/2	- 12	T1262562	JIS II	85	42	9	7	10	3
W9/16	- 12	T1262602	JIS II	90	42	10.5	8	11	3
W5/8	- 11	T1262642	JIS II	95	45	12	9	12	3
W3/4	- 10	T1262702	JIS II	105	50	14	11	14	3
W7/8	- 9	T1262742	JIS II	115	55	17	13	16	3
W1"	- 8	T1262782	JIS II	125	60	20	15	18	3

◎ : 优(Excellent) ○ : 良(Good)

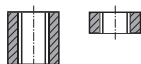
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○				○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

M 先端丝锥 SPIRAL POINT TAPS

▶ 适用于碳钢和合金钢的通孔加工，具有高效，寿命长，能够快速攻丝。

▶ Suitable for tapping Through holes in Carbon Steels and Alloy Steels. Capable of efficient, long life, high speed tapping.

Hole type



Material groups **GS**

HSS-EX

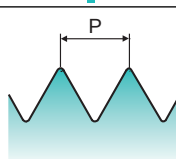
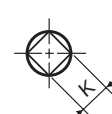
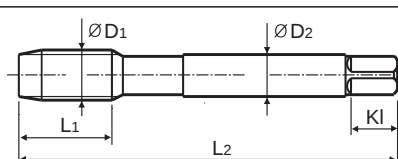
I-GPtin

YH

5.0P

TiN

▶ Tap Limits : P.530
▶ up to M8 : Male Center
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	T3022202	YH2	46	11	4	3.2	6	3
M3.5	× 0.6	T3022222	YH2	48	13	4	3.2	6	3
M4	× 0.7	T3022242	YH2	52	13	5	4	7	3
M5	× 0.8	T3022282	YH2	60	16	5.5	4.5	7	3
M6	× 1	T3022312	YH2	62	19	6	4.5	7	3
M8	× 1.25	T3022363	YH3	70	22	6.2	5	8	3
M10	× 1.5	T3022423	YH3	75	24	7	5.5	8	3
M10	× 1.25	T3022433	YH3	75	24	7	5.5	8	3
M12	× 1.75	T3022504	YH4	82	29	8.5	6.5	9	3
M12	× 1.5	T3022513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	T3022523	YH3	82	29	8.5	6.5	9	3
M14	× 2	T3022544	YH4	88	30	10.5	8	11	3
M14	× 1.5	T3022553	YH3	88	30	10.5	8	11	3
M16	× 2	T3022604	YH4	95	32	12.5	10	13	3
M16	× 1.5	T3022613	YH3	95	32	12.5	10	13	3
M18	× 2.5	T3022654	YH4	100	37	14	11	14	3
M18	× 1.5	T3022674	YH4	100	37	14	11	14	3
M20	× 2.5	T3022704	YH4	105	37	15	12	15	3
M20	× 1.5	T3022724	YH4	105	37	15	12	15	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	◎	○		◎	○	○		○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	○	○	○	○				○



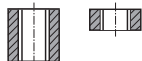
先端丝锥

SPIRAL POINT TAPS

► 适用于碳钢和合金钢的通孔加工，具有高效，寿命长，能够快速攻丝。

► Suitable for tapping Through holes in Carbon Steels and Alloy Steels. Capable of efficient, long life, high speed tapping.

Hole type



HSS-EX

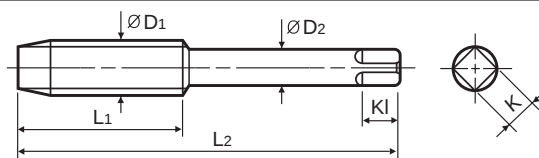
J-GPtin

YH

5.0P

TiN

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	T3042202	YH2	46	18	4	3.2	6	3
M3.5	× 0.6	T3042222	YH2	48	18	4	3.2	6	3
M4	× 0.7	T3042242	YH2	52	20	5	4	7	3
M5	× 0.8	T3042282	YH2	60	22	5.5	4.5	7	3
M6	× 1	T3042312	YH2	62	24	6	4.5	7	3
M8	× 1.25	T3042363	YH2	70	30	6.2	5	8	3
M10	× 1.5	T3042423	YH3	75	32	7	5.5	8	3
M10	× 1.25	T3042433	YH3	75	32	7	5.5	8	3
M12	× 1.75	T3042504	YH4	82	38	8.5	6.5	9	3
M12	× 1.5	T3042513	YH3	82	38	8.5	6.5	9	3
M12	× 1.25	T3042523	YH3	80	38	8.5	6.5	9	3
M14	× 2	T3042544	YH4	88	42	10.5	8	11	3
M14	× 1.5	T3042553	YH3	88	42	10.5	8	11	3
M16	× 2	T3042604	YH4	95	45	12.5	10	13	3
M16	× 1.5	T3042613	YH3	95	45	12.5	10	13	3
M18	× 2.5	T3042654	YH4	100	48	14	11	14	3
M18	× 1.5	T3042674	YH4	95	45	14	11	14	3
M20	× 2.5	T3042704	YH4	105	50	15	12	15	3
M20	× 1.5	T3042724	YH4	95	45	15	12	15	3

◎ : 优(Excellent) ○ : 良(Good)

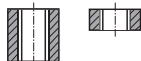
低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
○	○	◎	○		◎	○	○		○	
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				
○	○	○	○	○	○	○				○

M 不锈钢用先端丝锥 SPIRAL POINT TAPS for STAINLESS STEELS

▶ 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的通孔加工。

▶ Suitable for tapping Through holes in Stainless Steels, Chrome steels, Chrome Molybdenum Steels and other ductile materials with great tendency to work harden

Hole type



Material groups
VA

HSS-EX

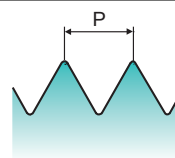
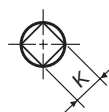
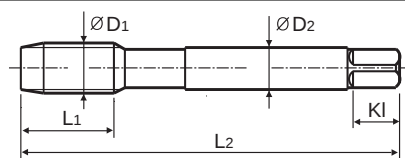
I-GP_{sus}

YH

4.0P

Homo

▶ Tap Limits : P.530
▶ up to M8 : Male Center
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M2	× 0.4	T1023131	YH1	40	7.5	3	2.5	5	2
M2.2	× 0.45	T1023151	YH1	42	8.5	3	2.5	5	2
M2.3	× 0.4	T1023191	YH1	42	8.5	3	2.5	5	2
M2.5	× 0.45	T1023172	YH2	44	8.5	3	2.5	5	2
M2.6	× 0.45	T1023492	YH2	44	8.5	3	2.5	5	2
M3	× 0.5	T1023202	YH2	46	11	4	3.2	6	3
M3.5	× 0.6	T1023222	YH2	48	13	4	3.2	6	3
M4	× 0.7	T1023242	YH2	52	13	5	4	7	3
M5	× 0.8	T1023282	YH2	60	16	5.5	4.5	7	3
M6	× 1	T1023312	YH2	62	19	6	4.5	7	3
M8	× 1.25	T1023363	YH3	70	22	6.2	5	8	3
M10	× 1.5	T1023423	YH3	75	24	7	5.5	8	3
M10	× 1.25	T1023433	YH3	75	24	7	5.5	8	3
M12	× 1.75	T1023504	YH4	82	29	8.5	6.5	9	3
M12	× 1.5	T1023513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	T1023523	YH3	82	29	8.5	6.5	9	3
M12	× 1	T1023533	YH3	82	29	8.5	6.5	9	3
M14	× 2	T1023544	YH4	88	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
					◎					
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎									◎	

HSS

CARBIDE



SPIRAL POINT TAPS

T1023 SERIES

M

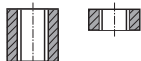
不锈钢用先端丝锥

SPIRAL POINT TAPS for STAINLESS STEELS

► 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的通孔加工。

► Suitable for tapping Through holes in Stainless Steels, Chrome steels, Chrome Molybdenum Steels and other ductile materials with great tendency to work harden

Hole type



Material groups

VA

HSS-EX

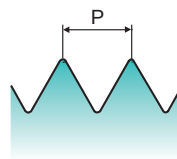
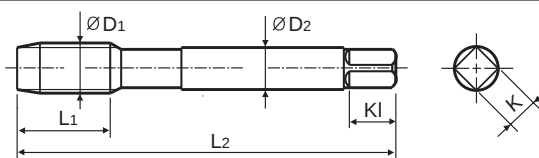
I-GP_{sus}

YH

4.0P

Homo

► Tap Limits : P.530
 ► up to M8 : Male Center
 ► Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M14 × 1.5		T1023553	YH3	88	30	10.5	8	11	3
M16 × 2		T1023604	YH4	95	32	12.5	10	13	3
M16 × 1.5		T1023613	YH3	95	32	12.5	10	13	3
M18 × 2.5		T1023654	YH4	100	37	14	11	14	3
M18 × 1.5		T1023674	YH4	100	37	14	11	14	3
M20 × 2.5		T1023704	YH4	105	37	15	12	15	3
M20 × 1.5		T1023724	YH4	105	37	15	12	15	3
M22 × 2.5		T1023744	YH4	115	38	17	13	16	3
M22 × 1.5		T1023764	YH4	115	38	17	13	16	3
M24 × 3		T1023784	YH4	120	45	19	15	18	3
M24 × 1.5		T1023804	YH4	120	45	19	15	18	3
M25 × 1.5		T1023834	YH4	125	45	19	15	18	3
M26 × 1.5		T1023854	YH4	125	45	20	15	18	4
M27 × 3		T1023864	YH4	130	45	20	15	18	4
M27 × 1.5		T1023884	YH4	130	45	20	15	18	4
M28 × 1.5		T1023914	YH4	130	45	21	17	20	4
M30 × 3.5		T1023945	YH5	135	48	23	17	20	4
M30 × 1.5		T1023974	YH4	135	45	23	17	20	4

◎ : 优(Excellent) ○ : 良(Good)

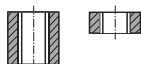
低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
					◎					
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				
◎										◎

M 不锈钢用先端丝锥 SPIRAL POINT TAPS for STAINLESS STEELS

► 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的通孔加工。

► Suitable for tapping Through holes in Stainless Steels, Chrome steels, Chrome Molybdenum Steels and other ductile materials with great tendency to work harden

Hole type



Material groups
VA

HSS-EX

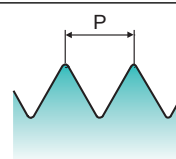
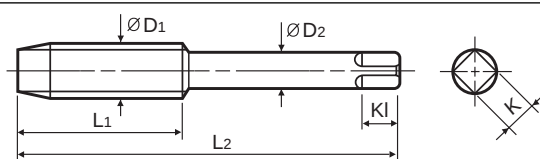
J-GP_{sus}

YH

4.0P

Homo

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M2	× 0.4	T1043131	YH1	40	15	3	2.5	5	2
M2.2	× 0.45	T1043151	YH1	42	15	3	2.5	5	2
M2.3	× 0.4	T1043191	YH1	42	15	3	2.5	5	2
M2.5	× 0.45	T1043172	YH2	44	16	3	2.5	5	2
M2.6	× 0.45	T1043492	YH2	44	16	3	2.5	5	2
M3	× 0.5	T1043202	YH2	46	18	4	3.2	6	3
M3.5	× 0.6	T1043222	YH2	48	18	4	3.2	6	3
M4	× 0.7	T1043242	YH2	52	20	5	4	7	3
M5	× 0.8	T1043282	YH2	60	22	5.5	4.5	7	3
M6	× 1	T1043312	YH2	62	24	6	4.5	7	3
M8	× 1.25	T1043363	YH3	70	30	6.2	5	8	3
M10	× 1.5	T1043423	YH3	75	32	7	5.5	8	3
M10	× 1.25	T1043433	YH3	75	32	7	5.5	8	3
M12	× 1.75	T1043504	YH4	82	38	8.5	6.5	9	3
M12	× 1.5	T1043513	YH3	82	38	8.5	6.5	9	3
M12	× 1.25	T1043523	YH3	80	38	8.5	6.5	9	3
M12	× 1	T1043533	YH3	70	30	8.5	6.5	9	3
M14	× 2	T1043544	YH4	88	42	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
					◎					
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎									◎	



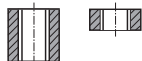
不锈钢用先端丝锥

SPIRAL POINT TAPS for STAINLESS STEELS

► 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的通孔加工。

► Suitable for tapping Through holes in Stainless Steels, Chrome steels, Chrome Molybdenum Steels and other ductile materials with great tendency to work harden

Hole type



Material groups

VA

HSS-EX

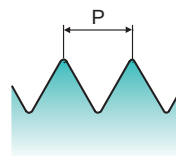
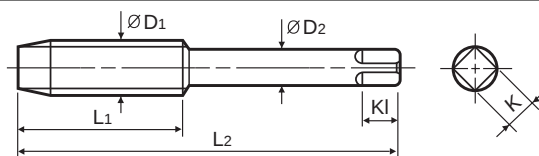
J-GP_{sus}

YH

4.0P

Homo

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M14 × 1.5		T1043553	YH3	88	42	10.5	8	11	3
M16 × 2		T1043604	YH4	95	45	12.5	10	13	3
M16 × 1.5		T1043613	YH3	95	45	12.5	10	13	3
M18 × 2.5		T1043654	YH4	100	48	14	11	13	3
M18 × 1.5		T1043674	YH4	95	45	14	11	13	3
M20 × 2.5		T1043704	YH4	105	50	15	12	15	3
M20 × 1.5		T1043724	YH4	95	45	15	12	15	3
M22 × 2.5		T1043744	YH4	115	55	17	13	16	3
M22 × 1.5		T1043764	YH4	95	45	17	13	16	3
M24 × 3		T1043784	YH4	120	58	19	15	18	3
M24 × 1.5		T1043804	YH4	95	45	19	15	18	3
M25 × 1.5		T1043834	YH4	95	45	19	15	18	3
M26 × 1.5		T1043854	YH4	95	45	20	15	18	4
M27 × 3		T1043864	YH4	130	62	20	15	18	4
M27 × 1.5		T1043884	YH4	95	45	20	15	18	4
M28 × 1.5		T1043914	YH4	105	45	21	17	20	4
M30 × 3.5		T1043945	YH5	135	65	23	17	20	4
M30 × 1.5		T1043974	YH4	105	45	23	17	20	4

◎ : 优(Excellent) ○ : 良(Good)

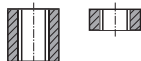
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
					◎					
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎									◎	

M 有色金属用先端丝锥 SPIRAL POINT TAPS for NON-FERROUS METALS

► 适用于铝, 镁, 锌, 铜及有色金属的通孔加工.

► Suitable for tapping Through holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups

AI

HSS-EX

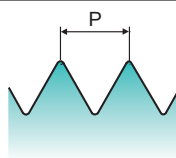
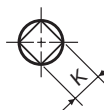
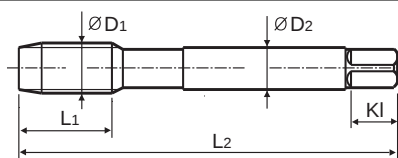
I-GPaI

YH

5.0P

Bright

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T2021132	YH2	40	7.5	3	2.5	5	2
M2.2	× 0.45	T2021152	YH2	42	8.5	3	2.5	5	2
M2.3	× 0.4	T2021192	YH2	42	8.5	3	2.5	5	2
M2.5	× 0.45	T2021172	YH2	44	8.5	3	2.5	5	2
M2.6	× 0.45	T2021492	YH2	44	8.5	3	2.5	5	2
M3	× 0.5	T2021202	YH2	46	11	4	3.2	6	3
M3.5	× 0.6	T2021222	YH2	48	13	4	3.2	6	3
M4	× 0.7	T2021242	YH2	52	13	5	4	7	3
M5	× 0.8	T2021282	YH2	60	16	5.5	4.5	7	3
M6	× 1	T2021312	YH2	62	19	6	4.5	7	3
M8	× 1.25	T2021363	YH3	70	22	6.2	5	8	3
M10	× 1.5	T2021423	YH3	75	24	7	5.5	8	3
M10	× 1.25	T2021433	YH3	75	24	7	5.5	8	3
M12	× 1.75	T2021504	YH4	82	29	8.5	6.5	9	3
M12	× 1.5	T2021513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	T2021523	YH3	82	29	8.5	6.5	9	3
M12	× 1	T2021533	YH3	82	29	8.5	6.5	9	3
M14	× 2	T2021544	YH4	88	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
○	◎	◎	◎							
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				
○	○	○	◎	◎	○	○				

HSS

CARBIDE



SPIRAL POINT TAPS

T2021 SERIES

M

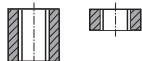
有色金属用先端丝锥

SPIRAL POINT TAPS for NON-FERROUS METALS

► 适用于铝, 镁, 锌, 铜及有色金属的通孔加工.

► Suitable for tapping Through holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups

AI

HSS-EX

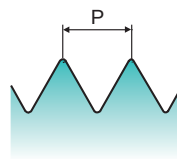
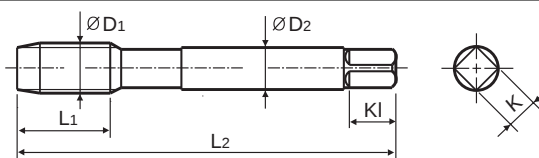
I-GPaI

YH

5.0P

Bright

- Tap Limits : P.530
- up to M8 : Male Center
- Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M14 × 1.5		T2021553	YH3	88	30	10.5	8	11	3
M16 × 2		T2021604	YH4	95	32	12.5	10	13	3
M16 × 1.5		T2021613	YH3	95	32	12.5	10	13	3
M18 × 2.5		T2021654	YH4	100	37	14	11	14	3
M18 × 1.5		T2021674	YH4	100	37	14	11	14	3
M20 × 2.5		T2021704	YH4	105	37	15	12	15	3
M20 × 1.5		T2021724	YH4	105	37	15	12	15	3
M22 × 2.5		T2021744	YH4	115	38	17	13	16	3
M22 × 1.5		T2021764	YH4	115	38	17	13	16	3
M24 × 3		T2021784	YH4	120	45	19	15	18	3
M24 × 1.5		T2021804	YH4	120	45	19	15	18	3
M25 × 1.5		T2021834	YH4	125	45	19	15	18	3
M26 × 1.5		T2021854	YH4	125	45	20	15	18	4
M27 × 3		T2021864	YH4	130	45	20	15	18	4
M27 × 1.5		T2021884	YH4	130	45	20	15	18	4
M28 × 1.5		T2021914	YH4	130	45	21	17	20	4
M30 × 3.5		T2021945	YH5	135	48	23	17	20	4
M30 × 1.5		T2021974	YH4	135	45	23	17	20	4

◎ : 优(Excellent) ○ : 良(Good)

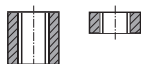
低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
○	◎	◎	◎							
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				
○	○	○	◎	◎	○	○				

M 有色金属用先端丝锥 SPIRAL POINT TAPS for NON-FERROUS METALS

► 适用于铝, 镁, 锌, 铜及有色金属的通孔加工.

► Suitable for tapping Through holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups
AI

HSS-EX

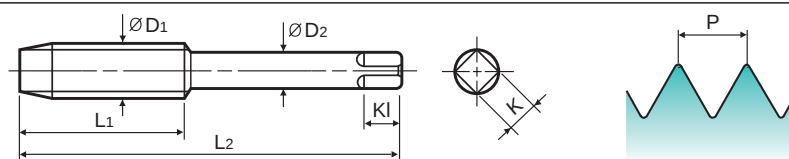
J-GPAl

YH

5.0P

Bright

► Tap Limits : P.530
► up to M8 : Male Center
► Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M2	× 0.4	T2041132	YH2	40	15	3	2.5	5	2
M2.2	× 0.45	T2041152	YH2	42	15	3	2.5	5	2
M2.3	× 0.4	T2041192	YH2	42	15	3	2.5	5	2
M2.5	× 0.45	T2041172	YH2	44	16	3	2.5	5	2
M2.6	× 0.45	T2041492	YH2	44	16	3	2.5	5	2
M3	× 0.5	T2041202	YH2	46	18	4	3.2	6	3
M3.5	× 0.6	T2041222	YH2	48	18	4	3.2	6	3
M4	× 0.7	T2041242	YH2	52	20	5	4	7	3
M5	× 0.8	T2041282	YH2	60	22	5.5	4.5	7	3
M6	× 1	T2041312	YH2	62	24	6	4.5	7	3
M8	× 1.25	T2041363	YH3	70	30	6.2	5	8	3
M10	× 1.5	T2041423	YH3	75	32	7	5.5	8	3
M10	× 1.25	T2041433	YH3	75	32	7	5.5	8	3
M12	× 1.75	T2041504	YH4	82	38	8.5	6.5	9	3
M12	× 1.5	T2041513	YH3	82	38	8.5	6.5	9	3
M12	× 1.25	T2041523	YH3	80	38	8.5	6.5	9	3
M12	× 1	T2041533	YH3	70	30	8.5	6.5	9	3
M14	× 2	T2041544	YH4	88	42	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	◎	◎	◎		◎			◎		
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	◎	◎	○	○				



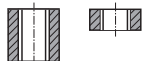
有色金属用先端丝锥

SPIRAL POINT TAPS for NON-FERROUS METALS

▶ 适用于铝, 镁, 锌, 铜及有色金属的通孔加工.

▶ Suitable for tapping Through holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups

AI

HSS-EX

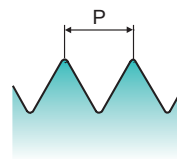
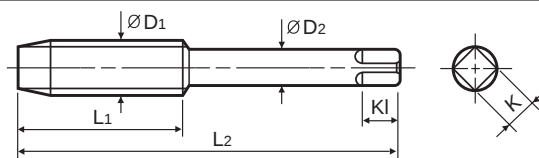
J-GPaI

YH

5.0P

Bright

- ▶ Tap Limits : P.530
- ▶ up to M8 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M14 × 1.5		T2041553	YH3	88	42	10.5	8	11	3
M16 × 2		T2041604	YH4	95	45	12.5	10	13	3
M16 × 1.5		T2041613	YH3	95	45	12.5	10	13	3
M18 × 2.5		T2041654	YH4	100	48	14	11	14	3
M18 × 1.5		T2041674	YH4	95	45	14	11	14	3
M20 × 2.5		T2041704	YH4	105	50	15	12	15	3
M20 × 1.5		T2041724	YH4	95	45	15	12	15	3
M22 × 2.5		T2041744	YH4	115	55	17	13	16	3
M22 × 1.5		T2041764	YH4	95	45	17	13	16	3
M24 × 3		T2041784	YH4	120	58	19	15	18	3
M24 × 1.5		T2041804	YH4	95	45	19	15	18	3
M25 × 1.5		T2041834	YH4	95	45	19	15	18	3
M26 × 1.5		T2041854	YH4	95	45	20	15	18	4
M27 × 3		T2041864	YH4	130	62	20	15	18	4
M27 × 1.5		T2041884	YH4	95	45	20	15	18	4
M28 × 1.5		T2041914	YH4	105	45	21	17	20	4
M30 × 3.5		T2041945	YH5	135	65	23	17	20	4
M30 × 1.5		T2041974	YH4	105	45	23	17	20	4

◎ : 优(Excellent) ○ : 良(Good)

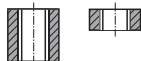
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	◎	◎	◎		◎			◎		
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	◎	◎	○	○				

难加工材料用先端丝锥 SPIRAL POINT TAPS for HARD TO MACHINE MATERIALS

▶ 适用于高碳钢，合金钢，热钢和模具钢等硬度再HRC35~45的高硬度钢的通孔加工。

▶ Suitable for tapping Through holes in High Strength Steels with hardness ranging between 35~45 Rockwell "C"(HRC 35~45), such as forgings of high carbon steels and alloy steels, thermal steels and mold steels.

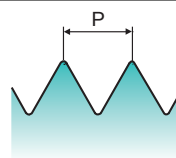
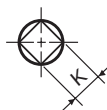
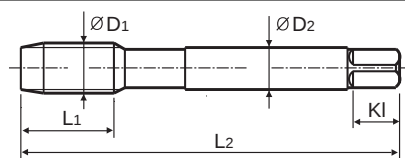
Hole type



Material groups
HR

HSS-EX I-GPtan YH 5.0P TiAlN

▶ Tap Limits : P.530
▶ up to M8 : Male Center
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M3	× 0.5	TW201203	YH3	46	11	4	3.2	6	3
M3.5	× 0.6	TW201223	YH3	48	13	4	3.2	6	3
M4	× 0.7	TW201243	YH3	52	13	5	4	7	3
M5	× 0.8	TW201283	YH3	60	16	5.5	4.5	7	3
M6	× 1	TW201313	YH3	62	19	6	4.5	7	3
M8	× 1.25	TW201363	YH3	70	22	6.2	5	8	3
M10	× 1.5	TW201423	YH3	75	24	7	5.5	8	3
M10	× 1.25	TW201433	YH3	75	24	7	5.5	8	3
M12	× 1.75	TW201503	YH3	82	29	8.5	6.5	9	3
M12	× 1.5	TW201513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	TW201524	YH4	82	82	8.5	6.5	9	3
M14	× 2	TW201544	YH4	88	88	10.5	8	11	3
M14	× 1.5	TW201553	YH3	88	88	10.5	8	11	3
M16	× 2	TW201604	YH4	95	95	12.5	10	13	3
M16	× 1.5	TW201613	YH3	95	95	12.5	10	13	3
M18	× 2.5	TW201654	YH4	100	100	14	11	14	3
M18	× 1.5	TW201674	YH4	100	100	14	11	14	3
M20	× 2.5	TW201704	YH4	105	105	15	12	15	3
M20	× 1.5	TW201724	YH4	105	105	15	12	15	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	◎	◎	○		○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	○	○	○	○				○

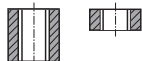
HSS

CARBIDE


**SPIRAL POINT
TAPS**
TL231 SERIES
M
镍合金用先端丝锥
SPIRAL POINT TAPS for NICKEL BASE ALLOYS

▶ 适用于镍合金, 铬镍铁合金781和耐热合金钢的通孔加工.

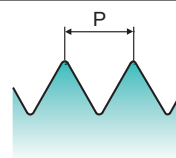
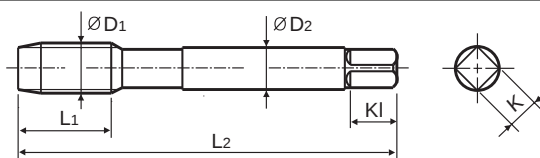
▶ Suitable for tapping Through holes in Nickel Alloys, Inconel 781 and Heat Resistant Alloy Steels.

Hole type


Material groups

Ni
HSS-PM
I-GPPMni
YH
4.0P
Homo

- ▶ Tap Limits : P.530
- ▶ up to M8 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	TL231203	YH3	46	11	4	3.2	6	3
M4	× 0.7	TL231243	YH3	52	13	5	4	7	3
M5	× 0.8	TL231283	YH3	60	16	5.5	4.5	7	3
M6	× 1	TL231313	YH3	62	19	6	4.5	7	3
M8	× 1.25	TL231363	YH3	70	22	6.2	5	8	3
M10	× 1.5	TL231423	YH3	75	24	7	5.5	8	3
M12	× 1.75	TL231504	YH4	82	29	8.5	6.5	9	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD
		◎	◎	◎		◎			○
铜	黄铜	铸铜	铝	铸铝	铸镁	铸锌	钛合金	镍合金	
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC			thermoplastic
								◎	