



Being the best through innovation



SKS21 HAND TAPS

- 实现高强度加工，易装配
TO ACHIEVE HIGH STRENGTH.
EASY ASSEMBLING.

SELECTION GUIDE

SKS21 手用丝锥 / SKS21 HAND TAP

实现高强度加工，易装配 / to Achieve High Strength. Easy Assembling.

SKS21 HAND TAPS

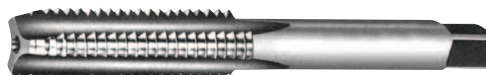
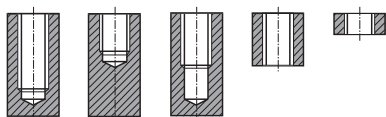
项目 EDP No.	型号 MODEL	刀具材质 Tool Material	标准 Standard	工件材质 Work Material	尺寸 Dimensions	丝锥公差 Tolerance	倒角 Chamfer	表面处理 Surface Treatment	页 PAGE
TSK11 (TS923)		SKS21	M	GS	HT	JIS III	1.5P / 5.0P / 9.0P	Bright	497
TSK12 (TS943)		SKS21	UNC/F	GS	HT	JIS III	1.5P / 5.0P / 9.0P	Bright	500
TSK13 (TS933)		SKS21	W	GS	HT	JIS III	1.5P / 5.0P / 9.0P	Bright	502
TSK21		SKS21	M-LH	GS	HT	JIS III	1.5P / 5.0P / 9.0P	Bright	503
TSK23		SKS21	W-LH	GS	HT	JIS III	1.5P / 5.0P / 9.0P	Bright	504

M 手用丝锥 (一套3支) HAND TAPS (SET of 3 PIECES)

▶ 标准丝锥可用在广泛的范围中。

▶ Standard taps for a variety of application.

Hole type



SKS21

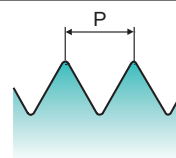
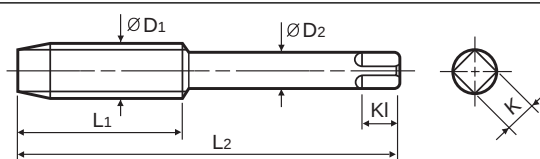
HT

JIS III



Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to M6 : 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								
M2.5 × 0.45		TSK11179	JIS III	44	16	3	2.5	5	3
M2.6 × 0.45		TSK11499	JIS III	44	16	3	2.5	5	3
M3 × 0.5		TSK11209	JIS III	46	18	4	3.2	6	3
M3.5 × 0.6		TSK11229	JIS III	48	18	4	3.2	6	3
M4 × 0.7		TSK11249	JIS III	52	20	5	4	7	3
M4 × 0.5		TSK11259	JIS III	52	15	5	4	7	3
M4.5 × 0.75		TSK11269	JIS III	55	20	5	4	7	3
M5 × 0.9		TSK11999	JIS III	60	22	5.5	4.5	7	3
M5 × 0.8		TSK11289	JIS III	60	22	5.5	4.5	7	3
M6 × 1		TSK11319	JIS III	62	24	6	4.5	7	3
M6 × 0.75		TSK11329	JIS III	62	20	6	4.5	7	3
M7 × 1		TSK11349	JIS III	65	26	6.2	5	8	4
M7 × 0.75		TSK11359	JIS III	62	20	6.2	5	8	4
M8 × 1.25		TSK11369	JIS III	70	30	6.2	5	8	4
M8 × 1		TSK11379	JIS III	70	30	6.2	5	8	4
M8 × 0.75		TSK11389	JIS III	62	20	6.2	5	8	4
M9 × 1.25		TSK11399	JIS III	72	30	7	5.5	8	4
M9 × 1		TSK11409	JIS III	70	30	7	5.5	8	4
M9 × 0.75		TSK11419	JIS III	62	20	7	5.5	8	4
M10 × 1.5		TSK11429	JIS III	75	32	7	5.5	8	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
	○	○	○					○		

HSS

CARBIDE

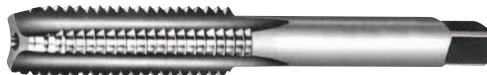
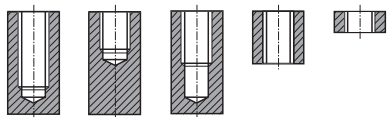

**SKS21
HAND TAPS**
TSK11(TS923) SERIES

M 手用丝锥(一套3支) HAND TAPS(SET of 3 PIECES)

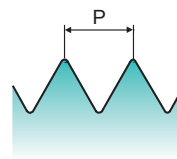
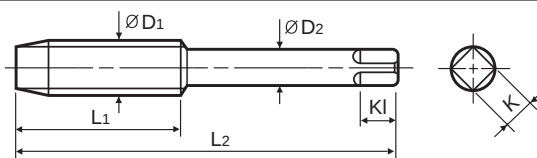
▶ 标准丝锥可用在广泛的范围中。

▶ Standard taps for a variety of application.

Hole type


SKS21
HT
JIS III
1.5P/5.0P/9.0P
Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to M6 : 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								
M10	× 1.25	TSK11439	JIS III	75	32	7	5.5	8	4
M10	× 1	TSK11449	JIS III	70	30	7	5.5	8	4
M11	× 1.5	TSK11469	JIS III	80	38	8	6	9	4
M11	× 1	TSK11479	JIS III	70	30	8	6	9	4
M12	× 1.75	TSK11509	JIS III	82	38	8.5	6.5	9	4
M12	× 1.5	TSK11519	JIS III	82	38	8.5	6.5	9	4
M12	× 1.25	TSK11529	JIS III	80	38	8.5	6.5	9	4
M14	× 2	TSK11549	JIS III	88	42	10.5	8	11	4
M14	× 1.5	TSK11559	JIS III	88	42	10.5	8	11	4
M14	× 1.25	TSK11569	JIS III	80	38	10.5	8	11	4
M15	× 1.5	TSK11589	JIS III	90	42	10.5	8	11	4
M16	× 2	TSK11609	JIS III	95	45	12.5	10	13	4
M16	× 1.5	TSK11619	JIS III	95	45	12.5	10	13	4
M18	× 2.5	TSK11659	JIS III	100	48	14	11	14	4
M18	× 2	TSK11669	JIS III	95	45	14	11	14	4
M18	× 1.5	TSK11679	JIS III	95	45	14	11	14	4
M20	× 2.5	TSK11709	JIS III	105	50	15	12	15	4
M20	× 2	TSK11719	JIS III	95	45	15	12	15	4
M20	× 1.5	TSK11729	JIS III	95	45	15	12	15	4
M22	× 2.5	TSK11749	JIS III	115	55	17	13	16	4

◎ : 优(Excellent) ○ : 良(Good)

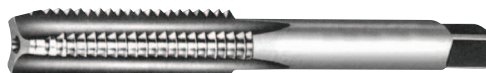
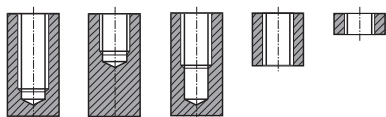
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	○					○	○	○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 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 手用丝锥 (一套3支) HAND TAPS (SET of 3 PIECES)

▶ 标准丝锥可用在广泛的范围中。

▶ Standard taps for a variety of application.

Hole type



SKS21

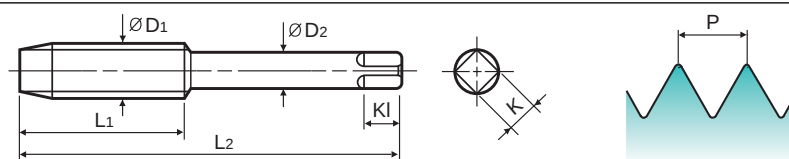
HT

JIS III

1.5P/5.0P/9.0P

Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to M6 : 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								
M22 × 2		TSK11759	JIS III	95	45	17	13	16	4
M22 × 1.5		TSK11769	JIS III	95	45	17	13	16	4
M24 × 3		TSK11789	JIS III	120	58	19	15	18	4
M24 × 2		TSK11799	JIS III	95	45	19	15	18	4
M24 × 1.5		TSK11809	JIS III	95	45	19	15	18	4
M25 × 2		TSK11829	JIS III	95	45	19	15	18	4
M25 × 1.5		TSK11839	JIS III	95	45	19	15	18	4
M26 × 2		TSK11N49	JIS III	95	45	20	15	18	4
M26 × 1.5		TSK11859	JIS III	95	45	20	15	18	4
M27 × 3		TSK11869	JIS III	130	62	20	15	18	4
M27 × 2		TSK11879	JIS III	95	45	20	15	18	4
M27 × 1.5		TSK11889	JIS III	95	45	20	15	18	4
M28 × 2		TSK11909	JIS III	105	45	21	17	20	4
M28 × 1.5		TSK11919	JIS III	105	45	21	17	20	4
M30 × 3.5		TSK11949	JIS III	135	65	23	17	20	4
M30 × 3		TSK11959	JIS III	135	65	23	17	20	4
M30 × 2		TSK11969	JIS III	105	45	23	17	20	4
M30 × 1.5		TSK11979	JIS III	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
	○	○	○					○		

HSS

CARBIDE

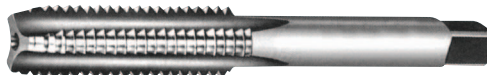
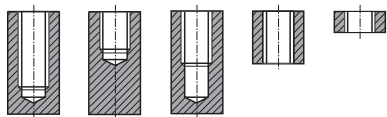

**SKS21
HAND TAPS**
TSK12(TS943) SERIES

UNC/F 手用丝锥(一套3支) HAND TAPS(SET of 3 PIECES)

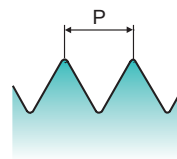
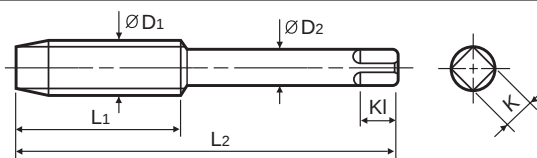
▶ 标准丝锥可在广泛的范围中。

▶ Standard taps for a variety of application.

Hole type


SKS21
HT
JIS III
1.5P/5.0P/9.0P
Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to 1/4 : 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		TSK12169	JIS III	44	16	3	2.5	5	3
#4 - 48 UNF		TSK12189	JIS III	44	16	3	2.5	5	3
#5 - 40 UNC		TSK12209	JIS III	46	18	4	3.2	6	3
#5 - 44 UNF		TSK12229	JIS III	46	18	4	3.2	6	3
#6 - 32 UNC		TSK12249	JIS III	48	18	4	3.2	6	3
#6 - 40 UNF		TSK12269	JIS III	48	18	4	3.2	6	3
#8 - 32 UNC		TSK12289	JIS III	52	20	5	4	7	3
#8 - 36 UNF		TSK12309	JIS III	52	20	5	4	7	3
#10 - 24 UNC		TSK12329	JIS III	60	22	5.5	4.5	7	3
#10 - 32 UNF		TSK12349	JIS III	60	22	5.5	4.5	7	3
#12 - 24 UNC		TSK12369	JIS III	60	22	5.5	4.5	7	3
#12 - 28 UNF		TSK12389	JIS III	60	22	5.5	4.5	7	3
1/4 - 20 UNC		TSK12409	JIS III	62	24	6	4.5	7	3
1/4 - 28 UNF		TSK12429	JIS III	62	24	6	4.5	7	3
5/16 - 18 UNC		TSK12449	JIS III	70	30	6.1	5	8	4
5/16 - 24 UNF		TSK12469	JIS III	70	30	6.1	5	8	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
	○	○	○					○		

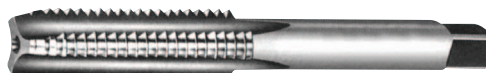
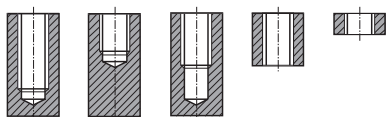
UNC/F 手用丝锥(一套3支)

HAND TAPS(SET of 3 PIECES)

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▶ Standard taps for a variety of application.

Hole type



SKS21

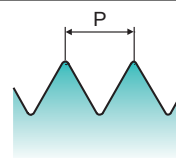
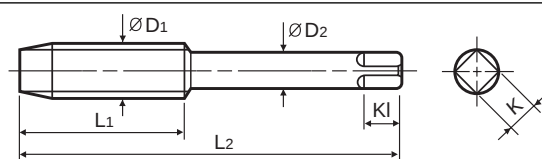
HT

JIS III



Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to 1/4 : 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		TSK12489	JIS III	75	35	7	5.5	8	4
3/8 - 24 UNF		TSK12509	JIS III	75	32	7	5.5	8	4
7/16 - 14 UNC		TSK12529	JIS III	80	38	8	6	9	4
7/16 - 20 UNF		TSK12549	JIS III	80	38	8	6	9	4
1/2 - 13 UNC		TSK12569	JIS III	85	42	9	7	10	4
1/2 - 20 UNF		TSK12589	JIS III	85	42	9	7	10	4
9/16 - 12 UNC		TSK12609	JIS III	90	42	10.5	8	11	4
9/16 - 18 UNF		TSK12629	JIS III	90	42	10.5	8	11	4
5/8 - 11 UNC		TSK12649	JIS III	95	45	12	9	12	4
5/8 - 18 UNF		TSK12669	JIS III	95	45	12	9	12	4
3/4 - 10 UNC		TSK12709	JIS III	105	50	14	11	14	4
3/4 - 16 UNF		TSK12729	JIS III	95	45	14	11	14	4
7/8 - 9 UNC		TSK12749	JIS III	115	55	17	13	16	4
7/8 - 14 UNF		TSK12769	JIS III	95	45	17	13	16	4
1 - 8 UNC		TSK12789	JIS III	125	60	20	15	18	4
1 - 12 UNF		TSK12809	JIS III	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
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HSS

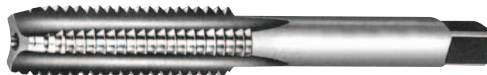
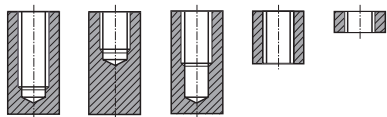
CARBIDE


**SKS21
HAND TAPS**
TSK13(TS933) SERIES

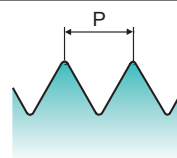
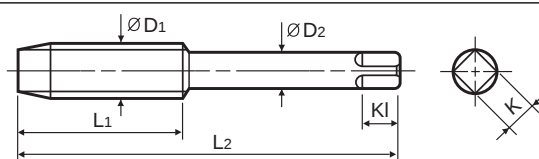
W 手用丝锥(一套3支) HAND TAPS(SET of 3 PIECES)

▶ 标准丝锥可在广泛的范围中.

▶ Standard taps that can be used in for a variety of application.

Hole type

SKS21
HT
JIS III
1.5P/5.0P/9.0P
Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to 1/4 : 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		TSK13209	JIS III	46	18	4	3.2	6	3
W3/16 - 24		TSK13329	JIS III	60	22	5.5	4.5	7	3
W1/4 - 20		TSK13409	JIS III	62	24	6	4.5	7	3
W5/16 - 18		TSK13449	JIS III	70	30	6.1	5	8	4
W3/8 - 16		TSK13489	JIS III	75	35	7	5.5	8	4
W7/16 - 14		TSK13529	JIS III	80	38	8	6	9	4
W1/2 - 12		TSK13569	JIS III	85	42	9	7	10	4
W9/16 - 12		TSK13609	JIS III	90	42	10.5	8	11	4
W5/8 - 11		TSK13649	JIS III	95	45	12	9	12	4
W3/4 - 10		TSK13709	JIS III	105	50	14	11	14	4
W7/8 - 9		TSK13749	JIS III	115	55	17	13	16	4
W1 - 8		TSK13789	JIS III	125	60	20	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

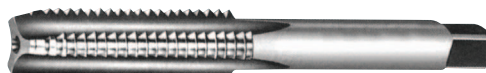
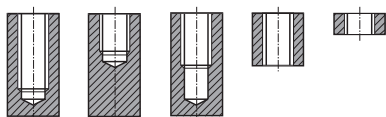
低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
○	○	○					○	○	○	
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	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-LH 手用丝锥(一套3支) HAND TAPS(SET of 3 PIECES)

▶ 标准丝锥可用在广泛的范围中.

▶ Standard taps for a variety of application.

Hole type



SKS21

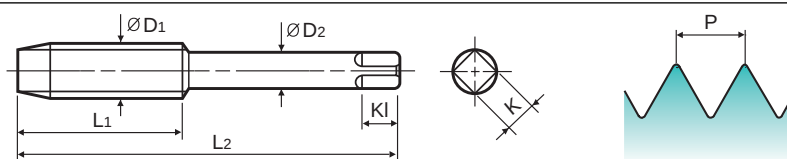
HT

JIS III

1.5P/5.0P/9.0P

Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to M6 : 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								
M3	× 0.5	TSK21209	JIS III	46	18	4	3.2	6	3
M4	× 0.7	TSK21249	JIS III	52	20	5	4	7	3
M5	× 0.8	TSK21289	JIS III	60	22	5.5	4.5	7	3
M6	× 1	TSK21319	JIS III	62	24	6	4.5	7	3
M7	× 1	TSK21349	JIS III	65	26	6.2	5	8	4
M8	× 1.25	TSK21369	JIS III	70	30	6.2	5	8	4
M10	× 1.5	TSK21429	JIS III	75	32	7	5.5	8	4
M10	× 1.25	TSK21439	JIS III	75	32	7	5.5	8	4
M11	× 1.5	TSK21469	JIS III	80	38	8	6	9	4
M12	× 1.75	TSK21509	JIS III	82	38	8.5	6.5	9	4
M12	× 1.5	TSK21519	JIS III	82	38	8.5	6.5	9	4
M12	× 1.25	TSK21529	JIS III	80	38	8.5	6.5	9	4
M14	× 2	TSK21549	JIS III	88	42	10.5	8	11	4
M14	× 1.5	TSK21559	JIS III	88	42	10.5	8	11	4
M14	× 1.25	TSK21569	JIS III	80	38	10.5	8	11	4
M15	× 1.5	TSK21589	JIS III	90	42	10.5	8	11	4
M16	× 2	TSK21609	JIS III	95	45	12.5	10	13	4
M16	× 1.5	TSK21619	JIS III	95	45	12.5	10	13	4
M18	× 2.5	TSK21659	JIS III	100	48	14	11	14	4
M18	× 2	TSK21669	JIS III	95	45	14	11	14	4
M18	× 1.5	TSK21679	JIS III	95	45	14	11	14	4
M20	× 2.5	TSK21709	JIS III	105	50	15	12	15	4
M20	× 2	TSK21719	JIS III	95	45	15	12	15	4
M20	× 1.5	TSK21729	JIS III	95	45	15	12	15	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
	○	○	○						○	

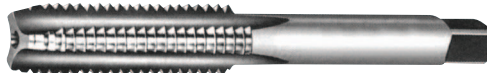
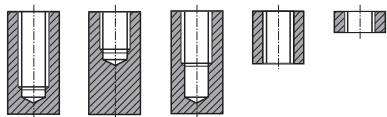
HSS

CARBIDE


**SKS21
HAND TAPS**
TSK23 SERIES
W-LH
手用丝锥(一套3支)
HAND TAPS(SET of 3 PIECES)

▶ 标准丝锥可用在广泛的范围中。

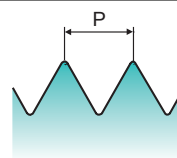
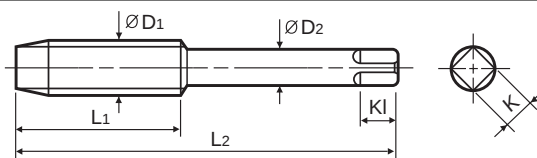
▶ Standard taps that can be used in for a variety of application.

Hole type


Material groups

GS
SKS21
HT
JIS III
1.5P/5.0P/9.0P
Bright

- ▶ Tap Limits : JIS Class 3
- ▶ up to 1/4 : 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		TSK23209	JIS III	46	18	4	3.2	6	3
W3/16 - 24		TSK23329	JIS III	60	22	5.5	4.5	7	3
W1/4 - 20		TSK23409	JIS III	62	24	6	4.5	7	3
W5/16 - 18		TSK23449	JIS III	70	30	6.1	5	8	4
W3/8 - 16		TSK23489	JIS III	75	35	7	5.5	8	4
W7/16 - 14		TSK23529	JIS III	80	38	8	6	9	4
W1/2 - 12		TSK23569	JIS III	85	42	9	7	10	4
W9/16 - 12		TSK23609	JIS III	90	42	10.5	8	11	4
W5/8 - 11		TSK23649	JIS III	95	45	12	9	12	4
W3/4 - 10		TSK23709	JIS III	105	50	14	11	14	4
W7/8 - 9		TSK23749	JIS III	115	55	17	13	16	4
W1 - 8		TSK23789	JIS III	125	60	20	15	18	4

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

◎ : 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
	○	○	○					○		



Being the best through innovation



SKS21 PIPE TAPS

- 实现高强度加工，易装配
TO ACHIEVE HIGH STRENGTH.
EASY ASSEMBLING.

SELECTION GUIDE

SKS21管用丝锥 / SKS21 PIPE TAP

实现高强度加工，易装配 / to Achieve High Strength. Easy Assembling.

SKS21 PIPE 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
TSK34		SKS21	PT	GS	PT	JIS	3.0P	Bright	507
TSK35		SKS21	PS	GS	PS	JIS	3.0P	Bright	508
TSK36		SKS21	PF	GS	PF	JIS	3.0P	Bright	509
TSK37		SKS21	NPT	GS	NPT	ANSI	3.0P	Bright	510
TSK38		SKS21	NPS	GS	NPS	ANSI	3.0P	Bright	511

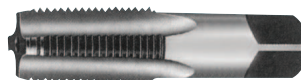
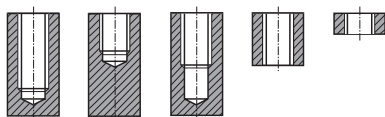
PT 螺纹用锥管丝锥

TAPER PIPE TAPS for PT THREADS

▶ 适用于锥管内部的螺纹加工

▶ Suitable for taper pipe internal threads.
PT : Taper pipe threads (for pressure-tight joints)

Hole type



SKS21

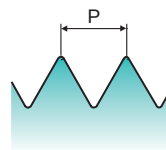
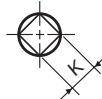
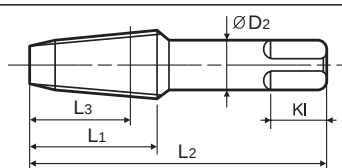
PT

JIS

3.0P

Bright

▶ Tap Limits : JIS
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	最大基准直径	全长	螺纹长	基准长度	柄径	方块尺寸	方块长度	槽数
SIZE	TPI	EDP No.	Limit	Basic Maj. Dia.	Overall Length L2	Thread Length L1	Projection Length L3	Shank Diameter ØD2	Square Size K	Square Length KI	No. of Flute
PT 1/16 - 28		TSK34022	JIS	7.723	55	19	13	6.5	5	8	4
PT 1/8 - 28		TSK34202	JIS	9.728	55	19	13	8	6	9	4
PT 1/4 - 19		TSK34402	JIS	13.157	62	28	21	11	9	12	4
PT 3/8 - 19		TSK34482	JIS	16.662	65	28	21	14	11	14	4
PT 1/2 - 14		TSK34562	JIS	20.955	80	35	25	18	14	17	4
PT 3/4 - 14		TSK34702	JIS	26.441	85	35	25	23	17	20	4
PT 1 - 11		TSK34782	JIS	33.249	95	45	32	26	21	24	5
PT 1*1/4 - 11		TSK34862	JIS	41.910	105	45	32	32	26	30	5
PT 1*1/2 - 11		TSK34962	JIS	47.803	110	45	32	38	29	32	6
PT 2 - 11		TSK34D22	JIS	59.614	120	50	35	46	35	38	6

◎ : 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

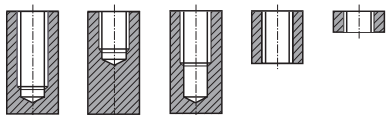
CARBIDE


**SKS21
PIPE TAPS**
TSK35 SERIES

PS
PS螺纹用直管丝锥
STRAIGHT PIPE TAPS for PS THREADS

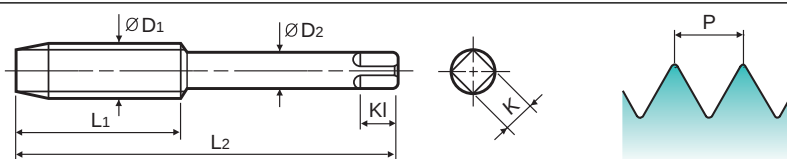
▶ 适用于直管内部的螺纹加工

 ▶ Suitable for process Straight pipe internal threads.
PS : Straight pipe threads (for pressure-tight joints)

Hole type


Material groups

GS
SKS21
PS
JIS
3.0P
Bright

 ▶ Tap Limits : JIS
▶ Tapping Speeds : P.532


单位(Unit) : mm

尺寸	牙距	型号	精度	最大基准直径	全长	螺纹长	柄径	方块尺寸	方块长度	槽数
SIZE	TPI	EDP No.	Limit	Basic Maj. Dia.	Overall Length L2	Thread Length L1	Shank Diameter ØD2	Square Size K	Square Length KI	No. of Flute
PS 1/8 - 28		TSK35202	JIS	9.728	55	19	8	6	9	4
PS 1/4 - 19		TSK35402	JIS	13.157	62	28	11	9	12	4
PS 3/8 - 19		TSK35482	JIS	16.662	65	28	14	11	14	4
PS 1/2 - 14		TSK35562	JIS	20.955	80	35	18	14	17	4
PS 3/4 - 14		TSK35702	JIS	26.441	85	35	23	17	20	4
PS 1 - 11		TSK35782	JIS	33.249	95	45	26	21	24	5
PS 1*1/4 - 11		TSK35862	JIS	41.910	105	45	32	26	30	5
PS 1*1/2 - 11		TSK35962	JIS	47.803	110	45	38	29	32	6
PS 2 - 11		TSK35D22	JIS	59.614	120	50	46	35	38	6

◎ : 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
	○	○	○							○

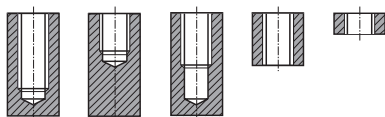
PF 螺纹用直管丝锥

STRAIGHT PIPE TAPS for PF THREADS

▶ 适用于直管内部的螺纹加工

▶ Suitable for process Straight pipe internal threads.
PF : Straight pipe threads (for mechanical joints)

Hole type



SKS21

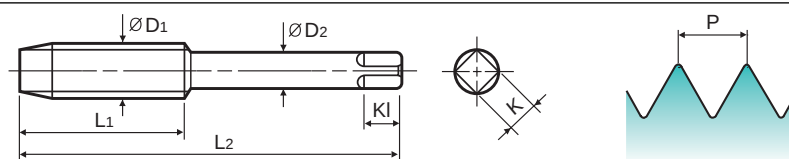
PF

JIS



Bright

▶ Tap Limits : JIS
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	最大基准直径	全长	螺纹长	柄径	方块尺寸	方块长度	槽数
SIZE	TPI	EDP No.	Limit	Basic Maj. Dia.	Overall Length L2	Thread Length L1	Shank Diameter ØD2	Square Size K	Square Length KI	No. of Flute
PF 1/8 - 28		TSK36202	JIS	9.728	55	19	8	6	9	4
PF 1/4 - 19		TSK36402	JIS	13.157	62	28	11	9	12	4
PF 3/8 - 19		TSK36482	JIS	16.662	65	28	14	11	14	4
PF 1/2 - 14		TSK36562	JIS	20.955	80	35	18	14	17	4
PF 3/4 - 14		TSK36702	JIS	26.441	85	35	23	17	20	4
PF 1 - 11		TSK36782	JIS	33.249	95	45	26	21	24	5
PF 1 1/4 - 11		TSK36862	JIS	41.910	105	45	32	26	30	5
PF 1 1/2 - 11		TSK36962	JIS	47.803	110	45	38	29	32	6
PF 2 - 11		TSK36D22	JIS	59.614	120	50	46	35	38	6

◎ : 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

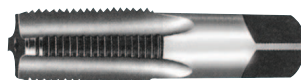
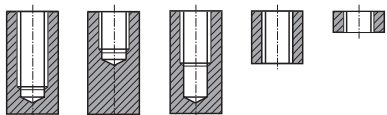
CARBIDE


**SKS21
PIPE TAPS**
TSK37 SERIES
NPT
美制NPT螺纹用锥管丝锥
AMERICAN TAPER PIPE TAPS for NPT THREADS

▶ 适用于锥管内部的螺纹加工。

▶ Suitable for process Taper pipe internal threads.

NPT : American Taper pipe threads (for mechanical joints)

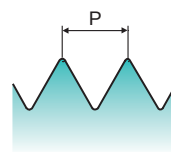
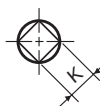
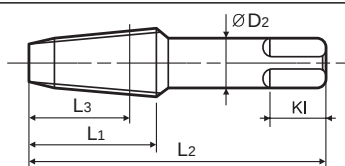
Hole type


Material groups

GS
SKS21
NPT
ANSI
3.0P
Bright

▶ Tap Limits : ANSI

▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	最大基准直径	全长	螺纹长	基准长度	柄径	方块尺寸	方块长度	槽数
SIZE	TPI	EDP No.	Limit	Basic Maj. Dia.	Overall Length	Thread Length	Projection Length	Shank Diameter	Square Size	Square Length	No. of Flute
					L2	L1	L3	ØD2	K	K1	
NPT 1/8 - 27		TSK37200	ANSI	10.117	55	19	12.05	8	6	9	4
NPT 1/4 - 18		TSK37400	ANSI	13.426	62	28	17.45	11	9	12	4
NPT 3/8 - 18		TSK37480	ANSI	16.866	65	28	17.65	14	11	14	4
NPT 1/2 - 14		TSK37560	ANSI	20.980	80	35	22.85	18	14	17	4
NPT 3/4 - 14		TSK37700	ANSI	26.325	85	35	22.95	23	17	20	4
NPT 1 - 11 1/2		TSK37780	ANSI	32.934	95	45	27.40	26	21	24	5

◎ : 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				
	○		○							○

NPS

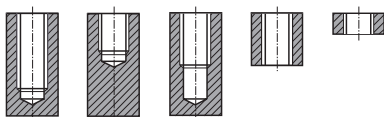
NPS螺纹用直管丝锥

STRAIGHT PIPE TAPS for NPS THREADS

▶ 适用于直管内部的螺纹加工

▶ Suitable for process Straight pipe internal threads.
PS : Straight pipe threads (for pressure-tight joints)

Hole type



SKS21

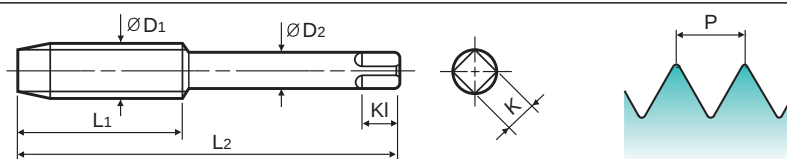
NPS

ANSI



Bright

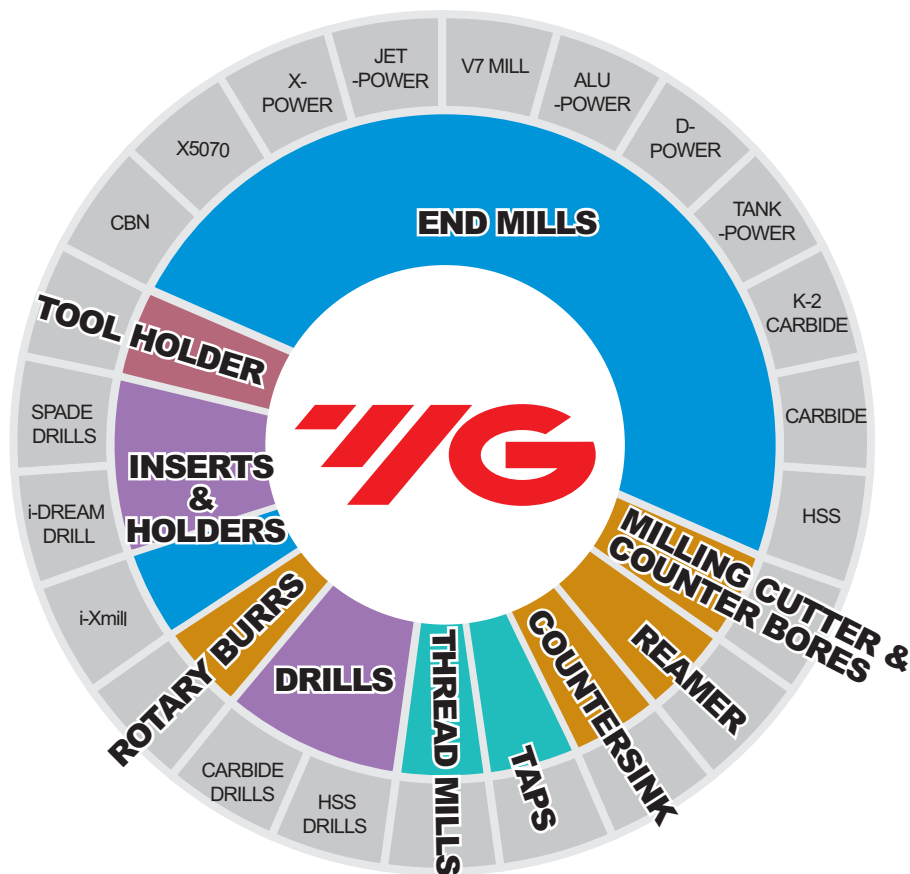
▶ Tap Limits : ANSI
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	最大基准直径	全长	螺纹长	柄径	方块尺寸	方块长度	槽数
SIZE	TPI	EDP No.	Limit	Basic Maj. Dia.	Overall Length L2	Thread Length L1	Shank Diameter ØD2	Square Size K	Square Length KI	No. of Flute
NPS 1/8 - 27		TSK38202	ANSI	10.117	55	19	8	6	9	4
NPS 1/4 - 18		TSK38402	ANSI	13.426	62	28	11	9	12	4
NPS 3/8 - 18		TSK38482	ANSI	16.866	65	28	14	11	14	4
NPS 1/2 - 14		TSK38562	ANSI	20.980	80	35	18	14	17	4
NPS 3/4 - 14		TSK38702	ANSI	26.325	85	35	23	17	20	4
NPS 1 - 11 1/2		TSK38782	ANSI	30.934	95	45	26	21	24	5
NPS 1*1/4 - 11 1/2		TSK38862	ANSI	41.689	105	45	32	26	30	5
NPS 1*1/2 - 11 1/2		TSK38962	ANSI	47.760	110	45	38	29	32	6
NPS 2 - 11 1/2		TSK38D22	ANSI	59.800	120	50	46	35	38	6

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
	○	○	○						○	



Challenge toward a Global Leader-

YG-1 Leads the World Market.