

# HSS



Being the best through innovation



# COMBO TAPS

- COMBO丝锥 (先端COMBO丝锥, 螺旋槽COMBO丝锥)

多用途丝锥是YG-1的专利, HSS-EX

Spiral Point, Spiral Flute Type

Multi Purpose tapping, YG-1's Patent, HSS-EX





# SELECTION GUIDE

## COMBO丝锥(先端COMBO丝锥, 螺旋槽COMBO丝锥) COMBO TAPS (Spiral point & Spiral Flute)

多用途丝锥是YG-1的专利, HSS-EX / Multi Purpose Tapping, YG-1's Patent, HSS-EX

### COMBO TAPS

● SPIRAL POINT TAP ● SPIRAL FLUTE TAP

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
● T2829		HSS-EX	M	<b>MU</b>	I-GP	YH	5.0P	Bright	<b>347</b>
● T2849		HSS-EX	UNC/F	<b>MU</b>	I-GP	YH	5.0P	Bright	<b>350</b>
● T2809		HSS-EX	M	<b>MU</b>	I-SP	YH	2.5P	Bright	<b>352</b>
● T2839		HSS-EX	UNC/F	<b>MU</b>	I-SP	YH	2.5P	Bright	<b>355</b>

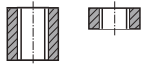


# M 多用涂先端丝锥 SPIRAL POINT TAPS for MULTI PURPOSE

▶ 对于应用广泛, 和准确的螺纹形状, 刀具寿命长来自于特殊的丝锥几何参数, YG-1公司拥有的专利.

▶ For using multi-purpose, and correct thread profiles & long tool life due to special tap geometry. YG-1 company has a patent.

Hole type



Material groups  
**MU**

HSS-EX

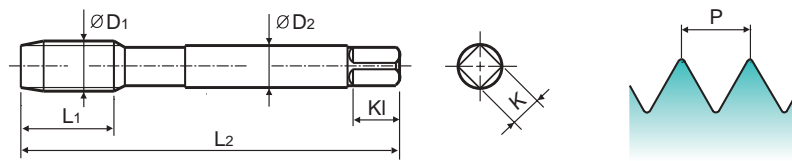
I-GP

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	x 0.4	T2829132	YH2	40.0	9.5	3.0	2.5	5.0	2
M2.2	x 0.45	T2829152	YH2	42.0	9.5	3.0	2.5	5.0	2
M2.3	x 0.4	T2829192	YH2	42.0	9.5	3.0	2.5	5.0	2
M2.5	x 0.45	T2829172	YH2	44.0	9.5	3.0	2.5	5.0	2
M2.6	x 0.45	T2829492	YH2	44.0	9.5	3.0	2.5	5.0	2
M3	x 0.5	T2829202-C	YH2	46.0	11.0	4.0	3.2	6.0	3
M3	x 0.35	T2829212-C	YH2	46.0	11.0	4.0	3.2	6.0	3
M3.5	x 0.6	T2829222-C	YH2	48.0	13.0	4.0	3.2	6.0	3
M3.5	x 0.35	T2829232-C	YH2	48.0	13.0	4.0	3.2	6.0	3
M4	x 0.7	T2829242-C	YH2	52.0	13.0	5.0	4.0	7.0	3
M4	x 0.5	T2829252-C	YH2	52.0	13.0	5.0	4.0	7.0	3
M4.5	x 0.75	T2829262-C	YH2	55.0	13.0	5.0	4.0	7.0	3
M4.5	x 0.5	T2829272-C	YH2	55.0	13.0	5.0	4.0	7.0	3
M5	x 0.8	T2829282-C	YH2	60.0	16.0	5.5	4.5	7.0	3
M5	x 0.5	T2829292-C	YH2	60.0	16.0	5.5	4.5	7.0	3
M5.5	x 0.5	T2829302-C	YH2	60.0	16.0	5.5	4.5	7.0	3
M6	x 1.0	T2829312-C	YH2	62.0	19.0	6.0	4.5	7.0	3
M6	x 0.75	T2829322-C	YH2	62.0	19.0	6.0	4.5	7.0	3
M6	x 0.5	T2829332-C	YH2	62.0	19.0	6.0	4.5	7.0	3
M7	x 1.0	T2829342-C	YH2	65.0	19.0	6.2	5.0	8.0	3
M7	x 0.75	T2829352-C	YH2	65.0	19.0	6.2	5.0	8.0	3
M8	x 1.25	T2829363-C	YH3	70.0	22.0	6.2	5.0	8.0	3
M8	x 1.0	T2829373-C	YH3	70.0	22.0	6.2	5.0	8.0	3
M8	x 0.75	T2829383-C	YH3	70.0	22.0	6.2	5.0	8.0	3
M9	x 1.25	T2829393-C	YH3	72.0	22.0	7.0	5.5	8.0	3
M9	x 1.0	T2829403-C	YH3	72.0	22.0	7.0	5.5	8.0	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 多用途先端丝锥**  
**SPIRAL POINT TAPS for MULTI PURPOSE**

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▶ For using multi-purpose, and correct thread profiles & long tool life due to special tap geometry. YG-1 company has a patent.

Hole type



Material groups

**MU**

HSS-EX

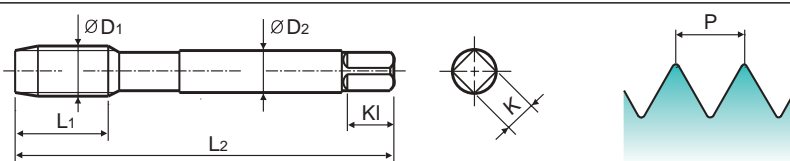
I-GP

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	
M9	x 0.75	T2829413-C	YH3	72.0	22.0	7.0	5.5	8.0	3
M10	x 1.5	T2829423-C	YH3	75.0	24.0	7.0	5.5	8.0	3
M10	x 1.25	T2829433-C	YH3	75.0	24.0	7.0	5.5	8.0	3
M10	x 1.0	T2829443-C	YH3	75.0	24.0	7.0	5.5	8.0	3
M10	x 0.75	T2829453-C	YH3	75.0	24.0	7.0	5.5	8.0	3
M11	x 1.5	T2829463-C	YH3	80.0	25.0	8.0	6.0	9.0	3
M11	x 1.0	T2829473-C	YH3	80.0	25.0	8.0	6.0	9.0	3
M11	x 0.75	T2829483-C	YH3	80.0	25.0	8.0	6.0	9.0	3
M12	x 1.75	T2829504-C	YH4	82.0	29.0	8.5	6.5	9.0	3
M12	x 1.5	T2829513-C	YH3	82.0	29.0	8.5	6.5	9.0	3
M12	x 1.25	T2829523-C	YH3	82.0	29.0	8.5	6.5	9.0	3
M12	x 1.0	T2829533-C	YH3	82.0	29.0	8.5	6.5	9.0	3
M14	x 2.0	T2829544	YH4	88.0	30.0	10.5	8.0	11.0	3
M14	x 1.5	T2829553	YH3	88.0	30.0	10.5	8.0	11.0	3
M14	x 1.25	T2829563	YH3	88.0	30.0	10.5	8.0	11.0	3
M14	x 1.0	T2829573	YH3	88.0	30.0	10.5	8.0	11.0	3
M15	x 1.5	T2829583	YH3	90.0	30.0	10.5	8.0	11.0	3
M15	x 1.0	T2829593	YH3	90.0	30.0	10.5	8.0	11.0	3
M16	x 2.0	T2829604	YH4	95.0	32.0	12.5	10.0	13.0	3
M16	x 1.5	T2829613	YH3	95.0	32.0	12.5	10.0	13.0	3
M16	x 1.0	T2829623	YH3	95.0	32.0	12.5	10.0	13.0	3
M18	x 2.5	T2829654	YH4	100.0	37.0	14.0	11.0	14.0	3
M18	x 2.0	T2829664	YH4	100.0	37.0	14.0	11.0	14.0	3
M18	x 1.5	T2829674	YH4	100.0	37.0	14.0	11.0	14.0	3
M18	x 1.0	T2829683	YH3	100.0	37.0	14.0	11.0	14.0	3
M20	x 2.5	T2829704	YH4	105.0	37.0	15.0	12.0	15.0	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				
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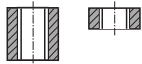


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Hole type



Material groups  
**MU**

HSS-EX

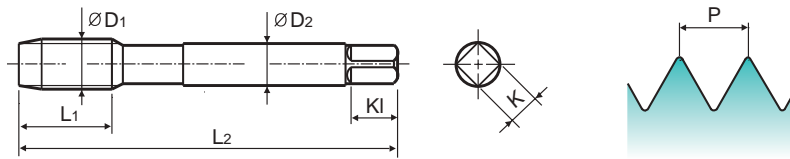
I-GP

YH

5.0P

Bright

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- ▶ 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
M20	x 2.0	T2829714	YH4	105.0	37.0	15.0	12.0	15.0	3
M20	x 1.5	T2829724	YH4	105.0	37.0	15.0	12.0	15.0	3
M20	x 1.0	T2829733	YH3	105.0	37.0	15.0	12.0	15.0	3
M22	x 2.5	T2829744	YH4	115.0	38.0	17.0	13.0	16.0	3
M22	x 2.0	T2829754	YH4	115.0	38.0	17.0	13.0	16.0	3
M22	x 1.5	T2829764	YH4	115.0	38.0	17.0	13.0	16.0	3
M22	x 1.0	T2829773	YH3	115.0	38.0	17.0	13.0	16.0	3
M24	x 3.0	T2829784	YH4	120.0	45.0	19.0	15.0	18.0	3
M24	x 2.0	T2829794	YH4	120.0	45.0	19.0	15.0	18.0	3
M24	x 1.5	T2829804	YH4	120.0	45.0	19.0	15.0	18.0	3
M24	x 1.0	T2829813	YH3	120.0	45.0	19.0	15.0	18.0	3
M25	x 2.0	T2829824	YH4	125.0	45.0	19.0	15.0	18.0	3
M25	x 1.5	T2829834	YH4	125.0	45.0	19.0	15.0	18.0	3
M26	x 2.0	T2829N44	YH4	125.0	45.0	20.0	15.0	18.0	4
M26	x 1.5	T2829854	YH4	125.0	45.0	20.0	15.0	18.0	4
M26	x 1.0	T2829N53	YH3	125.0	45.0	20.0	15.0	18.0	4
M27	x 3.0	T2829864	YH4	130.0	45.0	20.0	15.0	18.0	4
M27	x 2.0	T2829874	YH4	130.0	45.0	20.0	15.0	18.0	4
M27	x 1.5	T2829884	YH4	130.0	45.0	20.0	15.0	18.0	4
M28	x 2.0	T2829904	YH4	130.0	45.0	21.0	17.0	20.0	4
M28	x 1.5	T2829914	YH4	130.0	45.0	21.0	17.0	20.0	4
M30	x 3.5	T2829945	YH5	135.0	48.0	23.0	17.0	20.0	4
M30	x 3.0	T2829954	YH4	135.0	48.0	23.0	17.0	20.0	4
M30	x 2.0	T2829964	YH4	135.0	48.0	23.0	17.0	20.0	4
M30	x 1.5	T2829974	YH4	135.0	48.0	23.0	17.0	20.0	4
M30	x 1.0	T2829983	YH3	135.0	48.0	23.0	17.0	20.0	4

◎ : 优(Excellent) ○ : 良(Good)

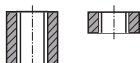
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
铜 Copper Cu	黄铜 Brass Bs	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 多用涂先端丝锥**  
**SPIRAL POINT TAPS for MULTI PURPOSE**

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Hole type



Material groups

**MU**

HSS-EX

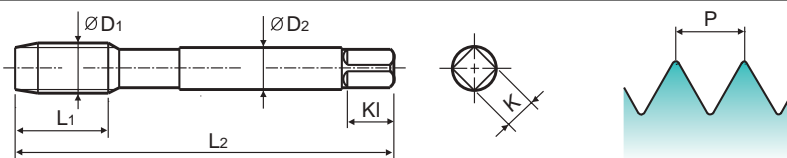
I-GP

YH

5.0P

Bright

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- ▶ 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
#2	- 56 UNC	<b>T2849081</b>	YH1	42.0	9.5	3.0	2.5	5.0	2
#2	- 64 UNF	<b>T2849101</b>	YH1	42.0	9.5	3.0	2.5	5.0	2
#3	- 48 UNC	<b>T2849121</b>	YH1	44.0	9.5	3.0	2.5	5.0	2
#3	- 56 UNF	<b>T2849141</b>	YH1	44.0	9.5	3.0	2.5	5.0	2
#4	- 40 UNC	<b>T2849162</b>	YH2	44.0	9.5	3.0	2.5	5.0	2
#4	- 48 UNF	<b>T2849182</b>	YH2	44.0	9.5	3.0	2.5	5.0	2
#5	- 40 UNC	<b>T2849202-C</b>	YH2	46.0	11.0	4.0	3.2	6.0	3
#5	- 44 UNF	<b>T2849222-C</b>	YH2	46.0	11.0	4.0	3.2	6.0	3
#6	- 32 UNC	<b>T2849242-C</b>	YH2	48.0	13.0	4.0	3.2	6.0	3
#6	- 40 UNF	<b>T2849262-C</b>	YH2	48.0	13.0	4.0	3.2	6.0	3
#8	- 32 UNC	<b>T2849282-C</b>	YH2	52.0	13.0	5.0	4.0	7.0	3
#8	- 36 UNF	<b>T2849302-C</b>	YH2	52.0	13.0	5.0	4.0	7.0	3
#10	- 24 UNC	<b>T2849322-C</b>	YH2	60.0	16.0	5.5	4.5	7.0	3
#10	- 32 UNF	<b>T2849342-C</b>	YH2	60.0	16.0	5.5	4.5	7.0	3
#12	- 24 UNC	<b>T2849362-C</b>	YH2	60.0	16.0	5.5	4.5	7.0	3
#12	- 28 UNF	<b>T2849382-C</b>	YH2	60.0	16.0	5.5	4.5	7.0	3
1/4	- 20 UNC	<b>T2849402-C</b>	YH2	62.0	19.0	6.0	4.5	7.0	3
1/4	- 28 UNF	<b>T2849422-C</b>	YH2	62.0	19.0	6.0	4.5	7.0	3

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)

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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
◎	◎	◎	◎	◎	◎	◎	○	○	○	○





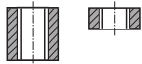
# UNC/F 多用涂先端丝锥

## SPIRAL POINT TAPS for MULTI PURPOSE

▶ 对于应用广泛, 和准确的螺纹形状, 刀具寿命长来自于特殊的丝锥几何参数, YG-1公司拥有的专利.

▶ For using multi-purpose, and correct thread profiles & long tool life due to special tap geometry. YG-1 company has a patent.

Hole type



Material groups **MU**

HSS-EX

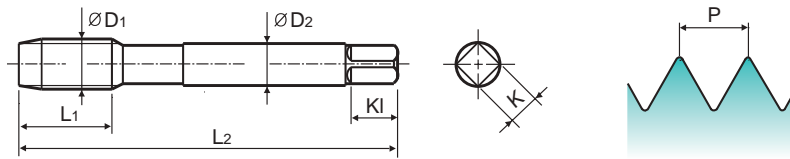
I-GP

YH

5.0P

Bright

▶ Tap Limits : P.530  
▶ 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
5/16 - 18 UNC		T2849443-C	YH3	70.0	22.0	6.1	5.0	8.0	3
5/16 - 24 UNF		T2849462-C	YH2	70.0	22.0	6.1	5.0	8.0	3
3/8 - 16 UNC		T2849483-C	YH3	75.0	24.0	7.0	5.5	8.0	3
3/8 - 24 UNF		T2849502-C	YH2	75.0	24.0	7.0	5.5	8.0	3
7/16 - 14 UNC		T2849523-C	YH3	80.0	25.0	8.0	6.0	9.0	3
7/16 - 20 UNF		T2849543-C	YH3	80.0	25.0	8.0	6.0	9.0	3
1/2 - 13 UNC		T2849563-C	YH3	85.0	29.0	9.0	7.0	10.0	3
1/2 - 20 UNF		T2849583-C	YH3	85.0	29.0	9.0	7.0	10.0	3
9/16 - 12 UNC		T2849603	YH3	90.0	30.0	10.5	8.0	11.0	3
9/16 - 18 UNF		T2849623	YH3	90.0	30.0	10.5	8.0	11.0	3
5/8 - 11 UNC		T2849643	YH3	95.0	32.0	12.0	9.0	12.0	3
5/8 - 18 UNF		T2849663	YH3	95.0	32.0	12.0	9.0	12.0	3
3/4 - 10 UNC		T2849703	YH3	105.0	37.0	14.0	11.0	14.0	3
3/4 - 16 UNF		T2849723	YH3	105.0	37.0	14.0	11.0	14.0	3
7/8 - 9 UNC		T2849744	YH4	115.0	38.0	17.0	13.0	16.0	3
7/8 - 14 UNF		T2849763	YH3	115.0	38.0	17.0	13.0	16.0	3
1" - 8 UNC		T2849784	YH4	125.0	45.0	20.0	15.0	18.0	3
1" - 12 UNF		T2849803	YH3	125.0	45.0	20.0	15.0	18.0	3

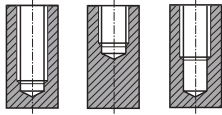
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
铜 Copper Cu	黄铜 Brass Bs	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
◎	◎	◎	◎	◎	◎	◎	○	○	○	○

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**SPIRAL FLUTE TAPS for MULTI PURPOSE**

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Hole type



Material groups

**MU**

HSS-EX

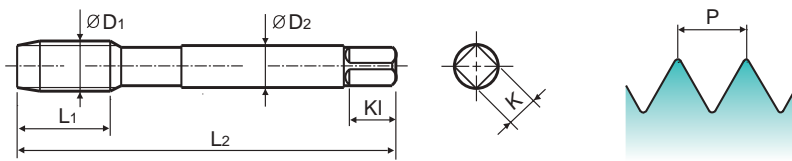
I-SP

YH

2.5P

Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : 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	K1	
M2	x 0.4	T2809131	YH1	40.0	9.5	3.0	2.5	5.0	2
M2.2	x 0.45	T2809151	YH1	42.0	9.5	3.0	2.5	5.0	2
M2.3	x 0.4	T2809191	YH1	42.0	9.5	3.0	2.5	5.0	2
M2.5	x 0.45	T2809171	YH1	44.0	9.5	3.0	2.5	5.0	2
M2.6	x 0.45	T2809491	YH1	44.0	9.5	3.0	2.5	5.0	2
M3	x 0.5	T2809202-C	YH2	46.0	11.0	4.0	3.2	6.0	3
M3	x 0.35	T2809211-C	YH1	46.0	11.0	4.0	3.2	6.0	3
M3.5	x 0.6	T2809222-C	YH2	48.0	13.0	4.0	3.2	6.0	3
M3.5	x 0.35	T2809231-C	YH1	48.0	13.0	4.0	3.2	6.0	3
M4	x 0.7	T2809242-C	YH2	52.0	13.0	5.0	4.0	7.0	3
M4	x 0.5	T2809252-C	YH2	52.0	13.0	5.0	4.0	7.0	3
M4.5	x 0.75	T2809262-C	YH2	55.0	13.0	5.0	4.0	7.0	3
M4.5	x 0.5	T2809271-C	YH1	55.0	13.0	5.0	4.0	7.0	3
M5	x 0.8	T2809282-C	YH2	60.0	16.0	5.5	4.5	7.0	3
M5	x 0.5	T2809292-C	YH2	60.0	16.0	5.5	4.5	7.0	3
M5.5	x 0.5	T2809301-C	YH1	60.0	16.0	5.5	4.5	7.0	3
M6	x 1.0	T2809312-C	YH2	62.0	19.0	6.0	4.5	7.0	3
M6	x 0.75	T2809322-C	YH2	62.0	19.0	6.0	4.5	7.0	3
M6	x 0.5	T2809332-C	YH2	62.0	19.0	6.0	4.5	7.0	3
M7	x 1.0	T2809342-C	YH2	65.0	19.0	6.2	5.0	8.0	3
M7	x 0.75	T2809352-C	YH2	65.0	19.0	6.2	5.0	8.0	3
M8	x 1.25	T2809362-C	YH2	70.0	22.0	6.2	5.0	8.0	3
M8	x 1.0	T2809372-C	YH2	70.0	22.0	6.2	5.0	8.0	3
M8	x 0.75	T2809382-C	YH2	70.0	22.0	6.2	5.0	8.0	3
M9	x 1.25	T2809392-C	YH2	72.0	22.0	7.0	5.5	8.0	3
M9	x 1.0	T2809402-C	YH2	72.0	22.0	7.0	5.5	8.0	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				
◎	◎	◎	◎	◎	◎	◎	○	○	○	○



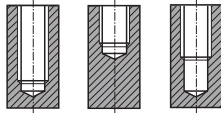


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Hole type



Material groups  
**MU**

HSS-EX

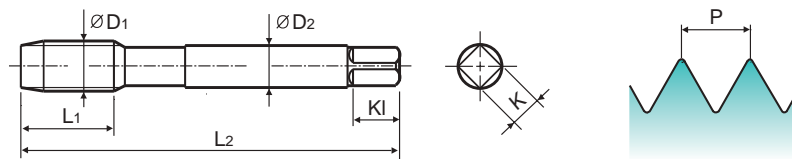
I-SP

YH

2.5P

Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : 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
M9	x 0.75	T2809412-C	YH2	72.0	22.0	7.0	5.5	8.0	3
M10	x 1.5	T2809422-C	YH2	75.0	24.0	7.0	5.5	8.0	3
M10	x 1.25	T2809432-C	YH2	75.0	24.0	7.0	5.5	8.0	3
M10	x 1.0	T2809442-C	YH2	75.0	24.0	7.0	5.5	8.0	3
M10	x 0.75	T2809452-C	YH2	75.0	24.0	7.0	5.5	8.0	3
M11	x 1.5	T2809462-C	YH2	80.0	25.0	8.0	6.0	9.0	3
M11	x 1.0	T2809472-C	YH2	80.0	25.0	8.0	6.0	9.0	3
M11	x 0.75	T2809482-C	YH2	80.0	25.0	8.0	6.0	9.0	3
M12	x 1.75	T2809502-C	YH2	82.0	29.0	8.5	6.5	9.0	3
M12	x 1.5	T2809512-C	YH2	82.0	29.0	8.5	6.5	9.0	3
M12	x 1.25	T2809522-C	YH2	82.0	29.0	8.5	6.5	9.0	3
M12	x 1.0	T2809532-C	YH2	82.0	29.0	8.5	6.5	9.0	3
M14	x 2.0	T2809542	YH2	88.0	30.0	10.5	8.0	11.0	3
M14	x 1.5	T2809552	YH2	88.0	30.0	10.5	8.0	11.0	3
M14	x 1.25	T2809562	YH2	88.0	30.0	10.5	8.0	11.0	3
M14	x 1.0	T2809572	YH2	88.0	30.0	10.5	8.0	11.0	3
M15	x 1.5	T2809582	YH2	90.0	30.0	10.5	8.0	11.0	3
M15	x 1.0	T2809592	YH2	90.0	30.0	10.5	8.0	11.0	3
M16	x 2.0	T2809602	YH2	95.0	32.0	12.5	10.0	13.0	3
M16	x 1.5	T2809612	YH2	95.0	32.0	12.5	10.0	13.0	3
M16	x 1.0	T2809622	YH2	95.0	32.0	12.5	10.0	13.0	3
M18	x 2.5	T2809653	YH3	100.0	37.0	14.0	11.0	14.0	4
M18	x 2.0	T2809663	YH3	100.0	37.0	14.0	11.0	14.0	4
M18	x 1.5	T2809672	YH2	100.0	37.0	14.0	11.0	14.0	4
M18	x 1.0	T2809682	YH2	100.0	37.0	14.0	11.0	14.0	4
M20	x 2.5	T2809703	YH3	105.0	37.0	15.0	12.0	15.0	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
◎	◎	◎	◎	◎	◎	◎	○	○	○	○

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

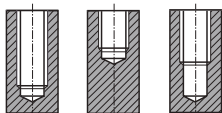
TECHNICAL DATA

**M 多用涂先端丝锥**  
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Hole type



Material groups

**MU**

HSS-EX

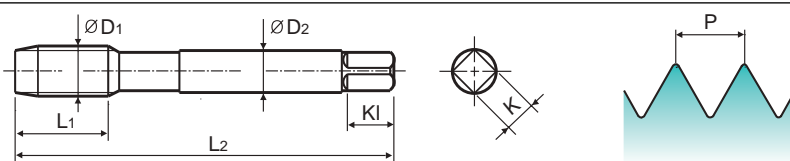
I-SP

YH

2.5P

Bright

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- ▶ up to M7 : 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	K1	
M20 x 2.0		<b>T2809713</b>	YH3	105.0	37.0	15.0	12.0	15.0	4
M20 x 1.5		<b>T2809723</b>	YH3	105.0	37.0	15.0	12.0	15.0	4
M20 x 1.0		<b>T2809732</b>	YH2	105.0	37.0	15.0	12.0	15.0	4
M22 x 2.5		<b>T2809743</b>	YH3	115.0	38.0	17.0	13.0	16.0	4
M22 x 2.0		<b>T2809753</b>	YH3	115.0	38.0	17.0	13.0	16.0	4
M22 x 1.5		<b>T2809763</b>	YH3	115.0	38.0	17.0	13.0	16.0	4
M22 x 1.0		<b>T2809772</b>	YH2	115.0	38.0	17.0	13.0	16.0	4
M24 x 3.0		<b>T2809783</b>	YH3	120.0	45.0	19.0	15.0	18.0	4
M24 x 2.0		<b>T2809793</b>	YH3	120.0	45.0	19.0	15.0	18.0	4
M24 x 1.5		<b>T2809803</b>	YH3	120.0	45.0	19.0	15.0	18.0	4
M24 x 1.0		<b>T2809812</b>	YH2	120.0	45.0	19.0	15.0	18.0	4
M25 x 2.0		<b>T2809823</b>	YH3	125.0	45.0	19.0	15.0	18.0	4
M25 x 1.5		<b>T2809833</b>	YH3	125.0	45.0	19.0	15.0	18.0	4
M26 x 2.0		<b>T2809N43</b>	YH3	125.0	45.0	20.0	15.0	18.0	4
M26 x 1.5		<b>T2809853</b>	YH3	125.0	45.0	20.0	15.0	18.0	4
M26 x 1.0		<b>T2809N52</b>	YH2	125.0	45.0	20.0	15.0	18.0	4
M27 x 3.0		<b>T2809863</b>	YH3	130.0	45.0	20.0	15.0	18.0	4
M27 x 2.0		<b>T2809873</b>	YH3	130.0	45.0	20.0	15.0	18.0	4
M27 x 1.5		<b>T2809883</b>	YH3	130.0	45.0	20.0	15.0	18.0	4
M28 x 2.0		<b>T2809903</b>	YH3	130.0	45.0	21.0	17.0	20.0	4
M28 x 1.5		<b>T2809913</b>	YH3	130.0	45.0	21.0	17.0	20.0	4
M30 x 3.5		<b>T2809944</b>	YH4	135.0	48.0	23.0	17.0	20.0	4
M30 x 3.0		<b>T2809953</b>	YH3	135.0	48.0	23.0	17.0	20.0	4
M30 x 2.0		<b>T2809963</b>	YH3	135.0	48.0	23.0	17.0	20.0	4
M30 x 1.5		<b>T2809973</b>	YH3	135.0	48.0	23.0	17.0	20.0	4
M30 x 1.0		<b>T2809982</b>	YH2	135.0	48.0	23.0	17.0	20.0	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
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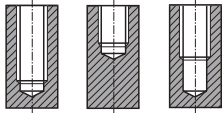
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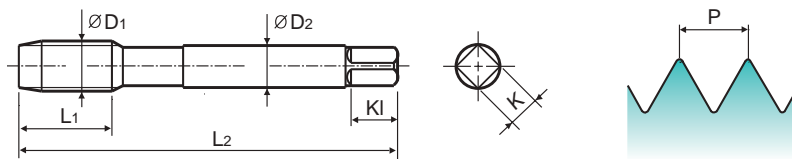
I-SP

YH

2.5P

Bright

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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									
#2	- 56 UNC	T2839081	YH1	42.0	9.5	3.0	2.5	5.0	2
#2	- 64 UNF	T2839101	YH1	42.0	9.5	3.0	2.5	5.0	2
#3	- 48 UNC	T2839121	YH1	44.0	9.5	3.0	2.5	5.0	2
#3	- 56 UNF	T2839141	YH1	44.0	9.5	3.0	2.5	5.0	2
#4	- 40 UNC	T2839161	YH1	44.0	9.5	3.0	2.5	5.0	3
#4	- 48 UNF	T2839181	YH1	44.0	9.5	3.0	2.5	5.0	3
#5	- 40 UNC	T2839201-C	YH1	46.0	11.0	4.0	3.2	6.0	3
#5	- 44 UNF	T2839221-C	YH1	46.0	11.0	4.0	3.2	6.0	3
#6	- 32 UNC	T2839242-C	YH2	48.0	13.0	4.0	3.2	6.0	3
#6	- 40 UNF	T2839261-C	YH1	48.0	13.0	4.0	3.2	6.0	3
#8	- 32 UNC	T2839282-C	YH2	52.0	13.0	5.0	4.0	7.0	3
#8	- 36 UNF	T2839302-C	YH2	52.0	13.0	5.0	4.0	7.0	3
#10	- 24 UNC	T2839322-C	YH2	60.0	16.0	5.5	4.5	7.0	3
#10	- 32 UNF	T2839342-C	YH2	60.0	16.0	5.5	4.5	7.0	3
#12	- 24 UNC	T2839362-C	YH2	60.0	16.0	5.5	4.5	7.0	3
#12	- 28 UNF	T2839382-C	YH2	60.0	16.0	5.5	4.5	7.0	3
1/4	- 20 UNC	T2839402-C	YH2	62.0	19.0	6.0	4.5	7.0	3
1/4	- 28 UNF	T2839422-C	YH2	62.0	19.0	6.0	4.5	7.0	3

◎ : 优(Excellent)   ○ : 良(Good)

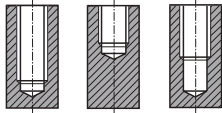
低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
铜 Copper Cu	黄铜 Brass Bs	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 多用涂先端丝锥**  
**SPIRAL FLUTE TAPS for MULTI PURPOSE**

▶ 对于使用多用途, 正确的螺纹刀具寿命长因特殊丝锥参数, YG-1公司拥有的专利.

▶ For using multi-purpose, and correct thread profiles & long tool life due to special tap geometry. YG-1 company has a patent.

Hole type



Material groups

**MU**

HSS-EX

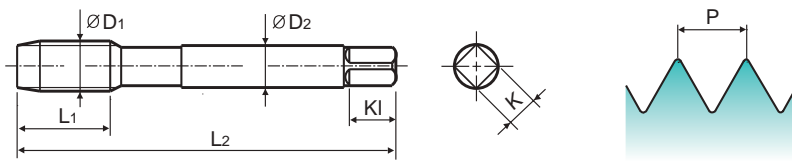
I-SP

YH

2.5P

Bright

- ▶ Tap Limits : P.530
- ▶ 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
5/16 - 18 UNC		T2839442-C	YH2	70.0	22.0	6.1	5.0	8.0	3
5/16 - 24 UNF		T2839462-C	YH2	70.0	22.0	6.1	5.0	8.0	3
3/8 - 16 UNC		T2839482-C	YH2	75.0	24.0	7.0	5.5	8.0	3
3/8 - 24 UNF		T2839502-C	YH2	75.0	24.0	7.0	5.5	8.0	3
7/16 - 14 UNC		T2839523-C	YH3	80.0	25.0	8.0	6.0	9.0	3
7/16 - 20 UNF		T2839542-C	YH2	80.0	25.0	8.0	6.0	9.0	3
1/2 - 13 UNC		T2839563-C	YH3	85.0	29.0	9.0	7.0	10.0	3
1/2 - 20 UNF		T2839582-C	YH2	85.0	29.0	9.0	7.0	10.0	3
9/16 - 12 UNC		T2839603	YH3	90.0	30.0	10.5	8.0	11.0	3
9/16 - 18 UNF		T2839622	YH2	90.0	30.0	10.5	8.0	11.0	3
5/8 - 11 UNC		T2839643	YH3	95.0	32.0	12.0	9.0	12.0	3
5/8 - 18 UNF		T2839662	YH2	95.0	32.0	12.0	9.0	12.0	3
3/4 - 10 UNC		T2839703	YH3	105.0	37.0	14.0	11.0	14.0	4
3/4 - 16 UNF		T2839723	YH3	105.0	37.0	14.0	11.0	14.0	4
7/8 - 9 UNC		T2839743	YH3	115.0	38.0	17.0	13.0	16.0	4
7/8 - 14 UNF		T2839763	YH3	115.0	38.0	17.0	13.0	16.0	4
1" - 8 UNC		T2839783	YH3	125.0	45.0	20.0	15.0	18.0	4
1" - 12 UNF		T2839803	YH3	125.0	45.0	20.0	15.0	18.0	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
◎	◎	◎	◎	◎	◎	◎	○	○	○	○