

HONDECO.

Honder Tools

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FOCUS-PRAGMATIC
EFFICIENCY - INCLUSIVENESS

HIGH-PERFORMANCE TAPS



**SUITABLE FOR DIFFERENT
WORKPIECES TO BE MACHINED**

Industrial Production Tools

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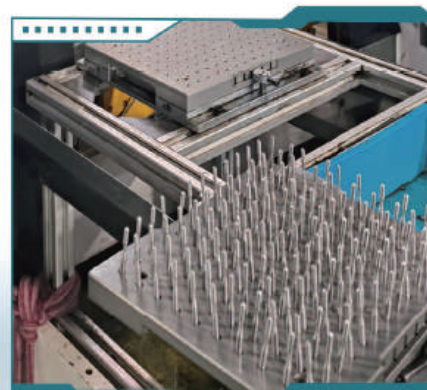
**Focus on the
production and research
of thread cutting tools**

HONDERTOOLS MANUFACTURING GROUP

Advanced Technology 工艺先进



Excellent Assembly 装备精良



MACHINE TAPS WITH COLOURED RING

高性能彩圈丝锥

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DIES

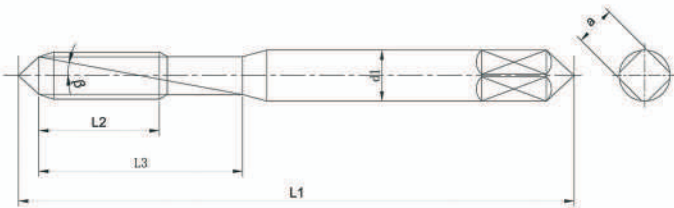
板牙

HSS ROUND DIE / HEXAGON DIE	49
高速钢圆板牙 / 六角板牙	

DIN 371/376

Specification range: M3 - M12
Material: HSSE
Types: Thread point, Spiral flute
Coating: Bright, Tico
Application range:
Wear - resistant steel, Alloy steel

蓝圈
Blue
coloured ring

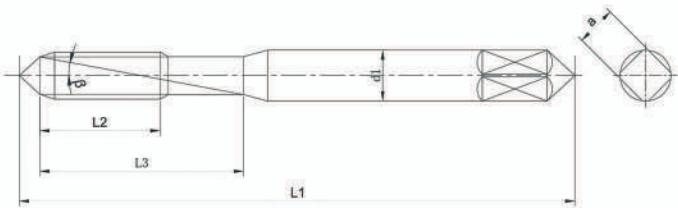


Size	Pitch	Oal. L1	Thread length L2		Shank diameter d1	Square tail a
			Straight flute	Spiral flute		
M3 × 0.5	0.5	56	11	6	3.5	2.7
M4 × 0.7	0.7	63	13	7	4.5	3.4
M5 × 0.8	0.8	70	16	8	6.0	4.9
M6 × 1.0	1.0	80	19	10	6.0	4.9
M8 × 1.25	1.25	90	22	14	8.0	6.2
M10 × 1.5	1.5	100	24	16	10.0	8.0
M12 × 1.75	1.75	110	29	18	9.0	7.0
M14 × 2.0	2.0	110	30	20	11.0	9.0
M16 × 2.0	2.0	110	32	22	12.0	9.0
M18 × 2.5	2.5	125	34	25	14.0	11.0
M20 × 2.5	2.5	140	34	25	16.0	12.0

DIN 371/376

Specification range: M3 - M12
Material: HSSE
Types: Straight flute
Coating: Bright, Tico
Application range: die steel

红圈
Red
coloured ring

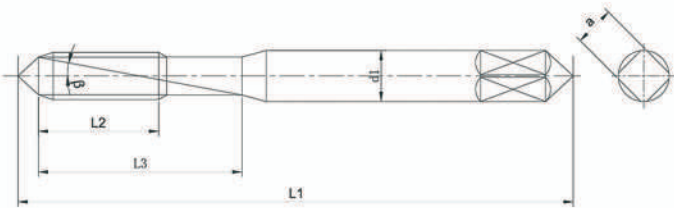


Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3 × 0.5	0.5	56	11	3.5	2.7
M4 × 0.7	0.7	63	13	4.5	3.4
M5 × 0.8	0.8	70	16	6.0	4.9
M6 × 1.0	1.0	80	19	6.0	4.9
M8 × 1.25	1.25	90	22	8.0	6.2
M10 × 1.5	1.5	100	24	10.0	8.0
M12 × 1.75	1.75	110	29	9.0	7.0
M14 × 2.0	2.0	110	30	11.0	9.0
M16 × 2.0	2.0	110	32	12.0	9.0
M18 × 2.5	2.5	125	34	14.0	11.0
M20 × 2.5	2.5	140	34	16.0	12.0

DIN 371/376

Specification range: M3 - M12
Material: HSSE
Types: Spiral flute
Coating: Bright, T1cn
Application range: Aluminium

黄圈
Yellow
coloured ring



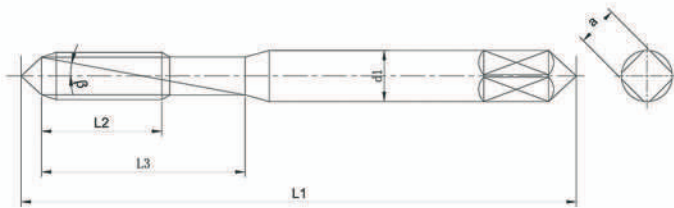
Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	56	6	3.5	2.7
M4×0.7	0.7	63	7	4.5	3.4
M5×0.8	0.8	70	8	6.0	4.9
M6×1.0	1.0	80	10	6.0	4.9
M8×1.25	1.25	90	14	8.0	6.2
M10×1.5	1.5	100	16	10.0	8.0
M12×1.75	1.75	110	18	9.0	7.0
M14×2.0	2.0	110	20	11.0	9.0
M16×2.0	2.0	110	22	12.0	9.0
M18×2.5	2.5	125			
M20×2.5	2.5	140			

M3~M10(DIN371),M12(DIN376)

DIN 371/376

Specification range: M3 - M12
Material: HSSE
Types: Thread point,spiral flute
Coating: Bright, Tin
Application range: Universal

绿圈
Green
coloured ring



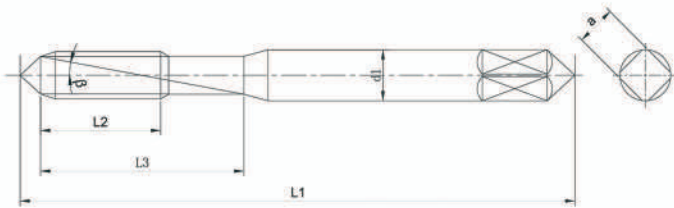
Size	Pitch	Oal. L1	Thread length L2		Shank diameter d1	Square tail a
			Straight flute	Spiral flute		
M3×0.5	0.5	56	11	6	3.5	2.7
M4×0.7	0.7	63	13	7	4.5	3.4
M5×0.8	0.8	70	16	8	6.0	4.9
M6×1.0	1.0	80	19	10	6.0	4.9
M8×1.25	1.25	90	22	14	8.0	6.2
M10×1.5	1.5	100	24	16	10.0	8.0
M12×1.75	1.75	110	29	18	9.0	7.0
M14×2.0	2.0	110	30	20	11.0	9.0
M16×2.0	2.0	110	32	22	12.0	9.0
M18×2.5	2.5	125	34	25	14.0	11.0
M20×2.5	2.5	140	34	25	16.0	12.0

M3~M10(DIN371),M12(DIN376)

DIN 371/376

Specification range: M3 - M12
Material: HSSE
Types: Straight flute
Coating: Bright, T1cn
Application range: Brass

橙圈
Orange
coloured ring



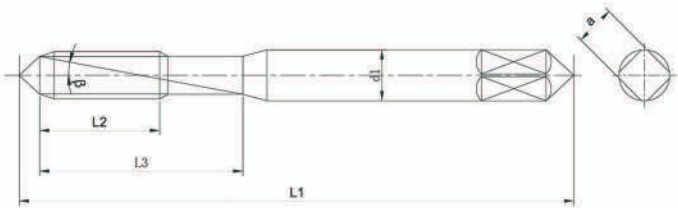
Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	56	11	3.5	2.7
M4×0.7	0.7	63	13	4.5	3.4
M5×0.8	0.8	70	16	6.0	4.9
M6×1.0	1.0	80	19	6.0	4.9
M8×1.25	1.25	90	22	8.0	6.2
M10×1.5	1.5	100	24	10.0	8.0
M12×1.75	1.75	110	29	9.0	7.0
M14×2.0	2.0	110	30	11.0	9.0
M16×2.0	2.0	110	32	12.0	9.0
M18×2.5	2.5	125	34	14.0	11.0
M20×2.5	2.5	140	34	16.0	12.0

M3~M10(DIN371),M12(DIN376)

DIN 371/376

Specification range: M3 - M12
Material: HSSE
Types: Straight flute
Coating: Oxynitride
Application range: cast steel

黑圈
Black
coloured ring



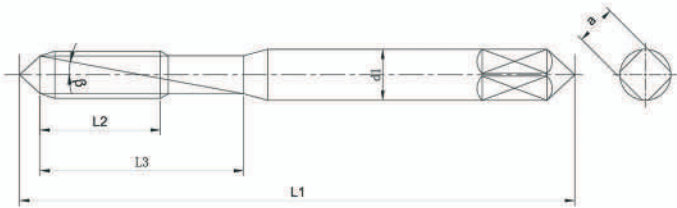
Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	56	11	3.5	2.7
M4×0.7	0.7	63	13	4.5	3.4
M5×0.8	0.8	70	16	6.0	4.9
M6×1.0	1.0	80	19	6.0	4.9
M8×1.25	1.25	90	22	8.0	6.2
M10×1.5	1.5	100	24	10.0	8.0
M12×1.75	1.75	110	29	9.0	7.0
M14×2.0	2.0	110	30	11.0	9.0
M16×2.0	2.0	110	32	12.0	9.0
M18×2.5	2.5	125	34	14.0	11.0
M20×2.5	2.5	140	34	16.0	12.0

M3~M10(DIN371),M12(DIN376)

DIN 371/376

Specification range: M3 - M12
Material: HSSE
Types: Thread point, spiral flute
Coating: VAP
Application range: Stainless

白圈
White
coloured ring

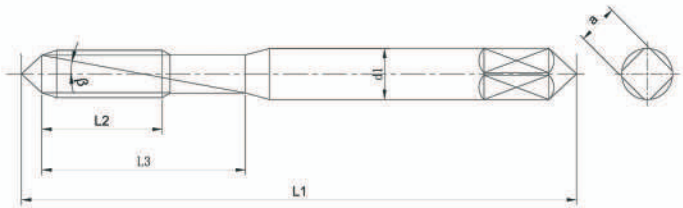


Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	56	11	3.5	2.7
M4×0.7	0.7	63	13	4.5	3.4
M5×0.8	0.8	70	16	6.0	4.9
M6×1.0	1.0	80	19	6.0	4.9
M8×1.25	1.25	90	22	8.0	6.2
M10×1.5	1.5	100	24	10.0	8.0
M12×1.75	1.75	110	29	9.0	7.0
M14×2.0	2.0	110	30	11.0	9.0
M16×2.0	2.0	110	32	12.0	9.0
M18×2.5	2.5	125	34	14.0	11.0
M20×2.5	2.5	140	34	16.0	12.0

T-JIS

Specification range: M3 - M12
Material: HSSE
Types: Thread point, spiral flute
Coating: Bright, Tlc
Application range:
Wear - resistant steel, Alloy steel

蓝圈
Blue
coloured ring



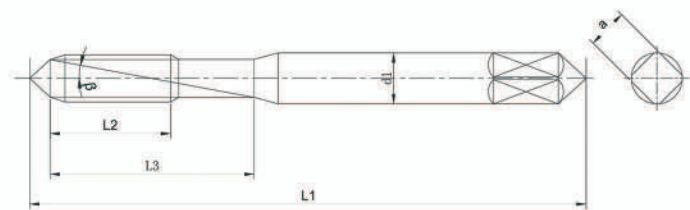
Size	Pitch	Oal. L1	Thread length L2		Shank diameter d1	Square tail a
			Straight flute	Spiral flute		
M3×0.5	0.5	46	9	6	4.0	
M4×0.7	0.7	52	11	7	5.0	
M5×0.8	0.8	60	14	8	5.5	
M6×1.0	1.0	62	17	10	6.0	
M8×1.25	1.25	70	20	14	6.2	
M10×1.5	1.5	75	22	16	7.0	
M12×1.75	1.75	82	27	18	8.5	
M14×2	2.0	88	28	20	10.5	
M16×2	2.0	95	30	22	12.5	
M18×2.5	2.5	100	32	25	14.0	
M20×2.5	2.5	105	32	25	15.0	

M3-M10(DIN371),M12(DIN376)

T-JIS

Specification range: M3 - M12
Material: HSSE
Types: Straight flute
Coating: Bright, T1cn
Application range: Die steel

红圈
Red
coloured ring

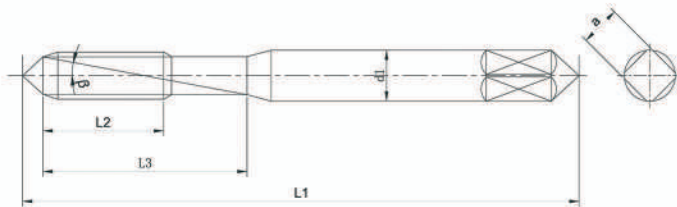


Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	46	9	4.0	
M4×0.7	0.7	52	11	5.0	
M5×0.8	0.8	60	14	5.5	
M6×1.0	1.0	62	17	6.0	
M8×1.25	1.25	70	20	6.2	
M10×1.5	1.5	75	22	7.0	
M12×1.75	1.75	82	27	8.5	
M14×2	2.0	88	28	10.5	
M16×2	2.0	95	30	12.5	
M18×2.5	2.5	100	32	14.0	
M20×2.5	2.5	105	32	15.0	

T-JIS

Specification range: M3 - M12
Material: HSSE
Types: spiral flute
Coating: Bright, T1cn
Application range: Aluminium

黄圈
Yellow
coloured ring

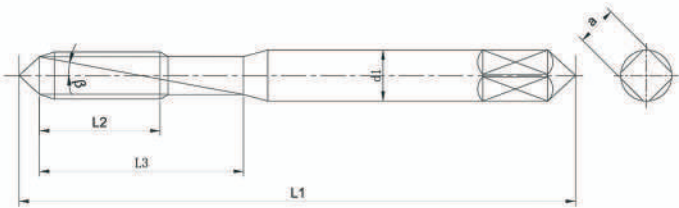


Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	46	6	4.0	
M4×0.7	0.7	52	7	5.0	
M5×0.8	0.8	60	8	5.5	
M6×1.0	1.0	62	10	6.0	
M8×1.25	1.25	70	14	6.2	
M10×1.5	1.5	75	16	7.0	
M12×1.75	1.75	82	18	8.5	
M14×2.0	2.0	88	20	10.5	
M16×2.0	2.0	95	22	12.5	
M18×2.5	2.5	100	25	14.0	
M20×2.5	2.5	105	25	15.0	

T-JIS

Specification range: M3 - M12
Material: HSSE
Types: Thread point, spiral flute
Coating: Bright, Tin
Application range: Universal

绿圈
Green
coloured ring

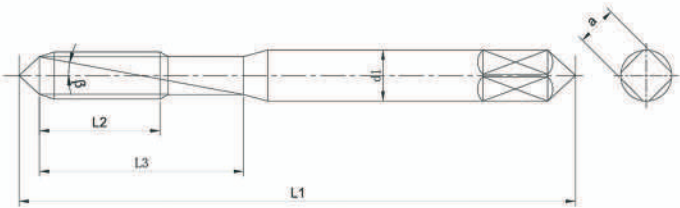


Size	Pitch	Oal. L1	Thread length L2		Shank diameter d1	Square tail a
			Straight flute	Spiral flute		
M3×0.5	0.5	46	9	6	4.0	
M4×0.7	0.7	52	11	7	5.0	
M5×0.8	0.8	60	14	8	5.5	
M6×1.0	1.0	62	17	10	6.0	
M8×1.25	1.25	70	20	14	6.2	
M10×1.5	1.5	75	22	16	7.0	
M12×1.75	1.75	82	27	18	8.5	
M14×2.0	2.0	88	28	20	10.5	
M16×2.0	2.0	95	30	22	12.5	
M18×2.5	2.5	100	32	25	14.0	
M20×2.5	2.5	105	32	25	15.0	

T-JIS

Specification range: M3 - M12
Material: HSSE
Types: Straight flute
Coating: Bright, Tico
Application range: Brass

橙圈
Orange
coloured ring

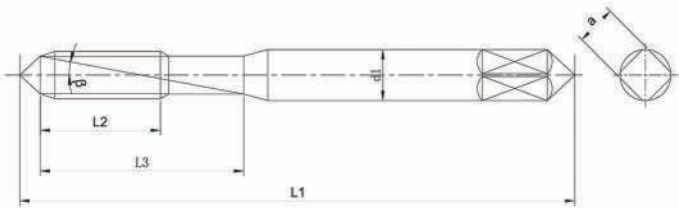


Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	46	9	4.0	
M4×0.7	0.7	52	11	5.0	
M5×0.8	0.8	60	14	5.5	
M6×1.0	1.0	62	17	6.0	
M8×1.25	1.25	70	20	6.2	
M10×1.5	1.5	75	22	7.0	
M12×1.75	1.75	82	27	8.5	
M14×2.0	2.0	88	28	10.5	
M16×2.0	2.0	95	30	12.5	
M18×2.5	2.5	100	32	14.0	
M20×2.5	2.5	105	32	15.0	

T-JIS

Specification range: M3 - M12
Material: HSSE
Types: Straight flute
Coating: Oxynitride
Application range: Cast steel

黑圈
Black
coloured ring

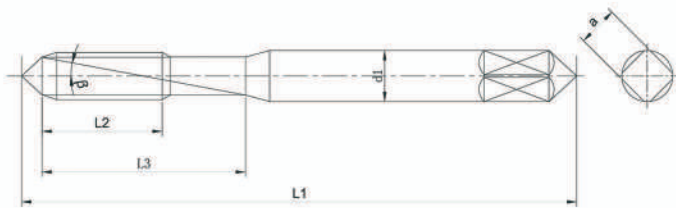


Size	Pitch	Oal. L1	Thread length L2	Shank diameter d1	Square tail a
M3×0.5	0.5	46	9	4.0	
M4×0.7	0.7	52	11	5.0	
M5×0.8	0.8	60	14	5.5	
M6×1.0	1.0	62	17	6.0	
M8×1.25	1.25	70	20	6.2	
M10×1.5	1.5	75	22	7.0	
M12×1.75	1.75	82	27	8.5	
M14×2.0	2.0	88	28	10.5	
M16×2.0	2.0	95	30	12.5	
M18×2.5	2.5	100	32	14.0	
M20×2.5	2.5	105	32	15.0	

T-JIS

Specification range: M3 - M12
Material: HSSE
Types: Thread point, spiral flute
Coating: VAP
Application range: Stainless

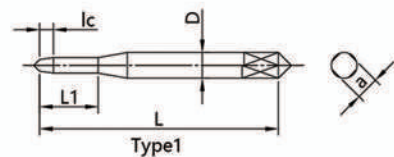
白圈
White
coloured ring



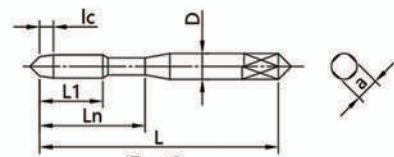
Size	Pitch	Oal. L1	Thread length L2		Shank diameter d1	Square tail a
			Straight flute	Spiral flute		
M3×0.5	0.5	46	9	6	4.0	
M4×0.7	0.7	52	11	7	5.0	
M5×0.8	0.8	60	14	8	5.5	
M6×1.0	1.0	62	17	10	6.0	
M8×1.25	1.25	70	20	14	6.2	
M10×1.5	1.5	75	22	16	7.0	
M12×1.75	1.75	82	27	18	8.5	
M14×2.0	2.0	88	28	20	10.5	
M16×2.0	2.0	95	30	22	12.5	
M18×2.5	2.5	100	32	25	14.0	
M20×2.5	2.5	105	32	25	15.0	

DIN-PM-SFT

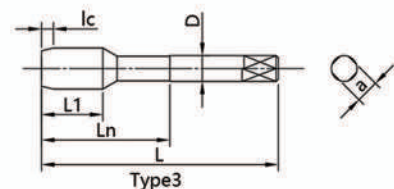
德标粉末-螺旋丝锥



Type1



Type2



Type3



- 通用型螺旋系列的升级版
Upgraded version of the universal spiral series
- 采用粉末高速钢制作，极大提高了丝锥寿命
Made of powder high-speed steel, greatly improving the lifespan of the tap

■ DIN371: M2-M10, MF2-MF10 ■ DIN374: MF12-MF16 ■ DIN376: M12-M16

产品数据参数 Data.

单位: mm

规格 Size	切削锥 lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
M2 x 0.4	2.5P	6H	45	8	14	2.8	2.1	2	1
M2 x 0.4	2.5P	6G	45	8	14	2.8	2.1		
M2.5 x 0.45	2.5P	6H	50	5	15	2.8	2.1		
M2.5 x 0.45	2.5P	6G	50	5	15	2.8	2.1		
M3 x 0.5	2.5P	6H	56	5	18	3.5	2.7		
M3 x 0.5	2.5P	6G	56	5	18	3.5	2.7		
M3.5 x 0.6	2.5P	6H	56	6	20	4	3	3	2
M3.5 x 0.6	2.5P	6G	56	6	20	4	3		
M4 x 0.7	2.5P	6H	63	7	21	4.5	3.4		
M4 x 0.7	2.5P	6G	63	7	21	4.5	3.4		
MF4 x 0.5	2.5P	6H	63	7	21	4.5	3.4		
MF4 x 0.5	2.5P	6G	63	7	21	4.5	3.4		
M5 x 0.8	2.5P	6H	70	8	25	6	4.9		
M5 x 0.8	2.5P	6G	70	8	25	6	4.9		

规格 Size	切削锥 lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
MF5 x 0.5	2.5P	6H	70	8	25	6	4.9	2	
MF5 x 0.5	2.5P	6G	70	8	25	6	4.9		
M6 x 1.0	2.5P	6H	80	10	30	6	4.9		
M6 x 1.0	2.5P	6G	80	10	30	6	4.9		
MF6 x 0.75	2.5P	6H	80	10	30	6	4.9		
MF6 x 0.75	2.5P	6G	80	10	30	6	4.9		
M8 x 1.25	2.5P	6H	90	13	35	8	6.2		
M8 x 1.25	2.5P	6G	90	13	35	8	6.2		
MF8 x 1.0	2.5P	6H	90	13	35	8	6.2		
MF8 x 1.0	2.5P	6G	90	13	35	8	6.2		
M10 x 1.5	2.5P	6H	100	15	39	10	8	3	
M10 x 1.5	2.5P	6G	100	15	39	10	8		
MF10 x 1.25	2.5P	6H	100	13	39	10	8		
MF10 x 1.25	2.5P	6G	100	13	39	10	8		
MF10 x 1.0	2.5P	6H	100	13	39	10	8		
MF10 x 1.0	2.5P	6G	100	13	39	10	8		
M12 x 1.75	2.5P	6H	110	18	53	9	7		
M12 x 1.75	2.5P	6G	110	18	53	9	7		
MF12 x 1.5	2.5P	6H	100	15	48	9	7		
MF12 x 1.5	2.5P	6G	100	15	48	9	7		
MF12 x 1.25	2.5P	6H	100	15	48	9	7		
MF12 x 1.25	2.5P	6G	100	15	48	9	7		
MF12 x 1.0	2.5P	6H	100	15	48	9	7		
MF12 x 1.0	2.5P	6G	100	15	48	9	7		
M14 x 2.0	2.5P	6H	110	20	53	11	9		
M14 x 2.0	2.5P	6G	110	20	53	11	9		
MF14 x 1.5	2.5P	6H	100	15	48	11	9		
MF14 x 1.5	2.5P	6G	100	15	48	11	9		
MF14 x 1.0	2.5P	6H	100	15	48	11	9		
MF14 x 1.0	2.5P	6G	100	15	48	11	9		
M16 x 2.0	2.5P	6H	110	20	53	12	9		
M16 x 2.0	2.5P	6G	110	20	53	12	9		
MF16 x 1.5	2.5P	6H	100	15	48	12	9		
MF16 x 1.5	2.5P	6G	100	15	48	12	9		
MF16 x 1.0	2.5P	6H	100	15	48	12	9		
MF16 x 1.0	2.5P	6G	100	15	48	12	9		

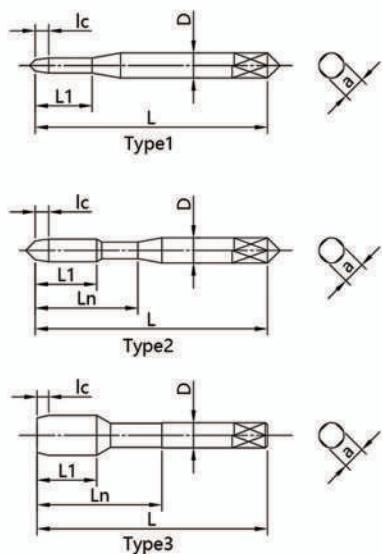
推荐可加工材质 Recommended machinable materials.

低合金钢 C<0.25%	中碳钢 C0.25~0.45%	高碳钢 C>0.45%	合金钢 SCM	工具钢 SKD	铜 Cu	黄铜 Br	青铜 Pb	铝合金 AL	压铸铝 ADC	镁合金 MC	锌合金 ZDC	不锈钢 303/304	不锈钢 316/317	铸铁 FC	球墨铸铁 FCD	钛合金 Ti	镍合金 Ni
○	●	●	○	●	○	○	○	○	○	○	○			○	○		

备注: ●(非常适用) ○(适用)

DIN-ALCRN-PM-SFT

德标粉末料-AlCrN涂层-螺旋丝锥



- 通用型螺旋系列的升级版
Upgraded version of the universal spiral series
- 采用粉末高速钢制作，极大提高了丝锥寿命
Made of powder high-speed steel, greatly improving the lifespan of the tap

■ DIN371: M2-M10, MF2-MF10 ■ DIN374: MF12-MF16 ■ DIN376: M12-M16

产品数据参数 Data.

单位: mm

规格 Size	切削锥 Lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
M2 x 0.4	2.5P	6H	45	8	14	2.8	2.1	2	1
M2 x 0.4	2.5P	6G	45	8	14	2.8	2.1		
M2.5 x 0.45	2.5P	6H	50	5	15	2.8	2.1	3	2
M2.5 x 0.45	2.5P	6G	50	5	15	2.8	2.1		
M3 x 0.5	2.5P	6H	56	5	18	3.5	2.7		
M3 x 0.5	2.5P	6G	56	5	18	3.5	2.7		
M3.5 x 0.6	2.5P	6H	56	6	20	4	3		
M3.5 x 0.6	2.5P	6G	56	6	20	4	3		
M4 x 0.7	2.5P	6H	63	7	21	4.5	3.4		
M4 x 0.7	2.5P	6G	63	7	21	4.5	3.4		
MF4 x 0.5	2.5P	6H	63	7	21	4.5	3.4		
MF4 x 0.5	2.5P	6G	63	7	21	4.5	3.4		
M5 x 0.8	2.5P	6H	70	8	25	6	4.9		
M5 x 0.8	2.5P	6G	70	8	25	6	4.9		

规格 Size	切削锥 Lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
MF5 x 0.5	2.5P	6H	70	8	25	6	4.9	2	
MF5 x 0.5	2.5P	6G	70	8	25	6	4.9		
M6 x 1.0	2.5P	6H	80	10	30	6	4.9		
M6 x 1.0	2.5P	6G	80	10	30	6	4.9		
MF6 x 0.75	2.5P	6H	80	10	30	6	4.9		
MF6 x 0.75	2.5P	6G	80	10	30	6	4.9		
M8 x 1.25	2.5P	6H	90	13	35	8	6.2		
M8 x 1.25	2.5P	6G	90	13	35	8	6.2		
MF8 x 1.0	2.5P	6H	90	13	35	8	6.2		
MF8 x 1.0	2.5P	6G	90	13	35	8	6.2		
M10 x 1.5	2.5P	6H	100	15	39	10	8	3	
M10 x 1.5	2.5P	6G	100	15	39	10	8		
MF10 x 1.25	2.5P	6H	100	13	39	10	8		
MF10 x 1.25	2.5P	6G	100	13	39	10	8		
MF10 x 1.0	2.5P	6H	100	13	39	10	8		
MF10 x 1.0	2.5P	6G	100	13	39	10	8		
M12 x 1.75	2.5P	6H	110	18	53	9	7		
M12 x 1.75	2.5P	6G	110	18	53	9	7		
MF12 x 1.5	2.5P	6H	100	15	48	9	7		
MF12 x 1.5	2.5P	6G	100	15	48	9	7		
MF12 x 1.25	2.5P	6H	100	15	48	9	7		
MF12 x 1.25	2.5P	6G	100	15	48	9	7		
MF12 x 1.0	2.5P	6H	100	15	48	9	7		
MF12 x 1.0	2.5P	6G	100	15	48	9	7		
M14 x 2.0	2.5P	6H	110	20	53	11	9		
M14 x 2.0	2.5P	6G	110	20	53	11	9		
MF14 x 1.5	2.5P	6H	100	15	48	11	9		
MF14 x 1.5	2.5P	6G	100	15	48	11	9		
MF14 x 1.0	2.5P	6H	100	15	48	11	9		
MF14 x 1.0	2.5P	6G	100	15	48	11	9		
M16 x 2.0	2.5P	6H	110	20	53	12	9		
M16 x 2.0	2.5P	6G	110	20	53	12	9		
MF16 x 1.5	2.5P	6H	100	15	48	12	9		
MF16 x 1.5	2.5P	6G	100	15	48	12	9		
MF16 x 1.0	2.5P	6H	100	15	48	12	9		
MF16 x 1.0	2.5P	6G	100	15	48	12	9		

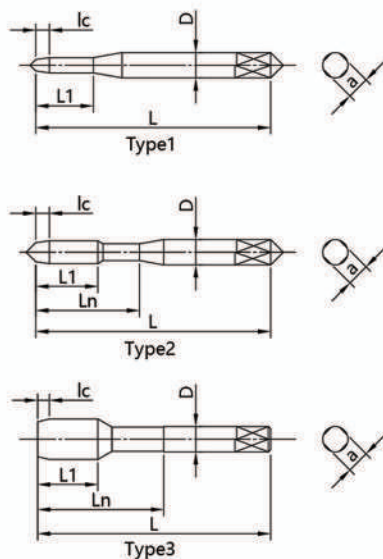
推荐可加工材质 Recommended machinable materials.

低合金 C<0.25%	中合金 C0.25~0.45%	高合金 C>0.45%	合金钢 SCM	工具钢 SKD	铜 Cu	黄铜 Br	青铜 PB	铝合金 AL	钛合金 ADC	镁合金 MC	锌合金 ZDC	不锈钢 303/304	不锈钢 316/317	钛合金 FC	钛合金 FCD	调质钢QT	钛合金 Ti	铝合金 Ni
●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○

备注: ●(可) (非) (适合) ○(不) (不适合)

DIN-PM-POT

德标粉末-先端丝锥



- 通用型先端系列的升级版
Upgraded version of the universal advanced series
- 采用粉末高速钢制作，极大提高了丝锥寿命
Made of powder high-speed steel, greatly improving the service life of the tap

■ DIN371: M2-M10, MF2-MF10 ■ DIN374: MF12-MF16 ■ DIN376: M12-M16

产品数据参数 Data:

单位: mm

规格 Size	切削锥 lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
M2 x 0.4	5P	6H	45	8	14	2.8	2.1	2	1
M2 x 0.4	5P	6G	45	8	14	2.8	2.1		
M2.5 x 0.45	5P	6H	50	9	15	2.8	2.1		
M2.5 x 0.45	5P	6G	50	9	15	2.8	2.1		
M3 x 0.5	5P	6H	56	9	15	2.8	2.1		
M3 x 0.5	5P	6G	56	9	15	2.8	2.1		
M3.5 x 0.6	5P	6H	56	12	20	4	3	3	2
M3.5 x 0.6	5P	6G	56	12	20	4	3		
M4 x 0.7	5P	6H	63	13	21	4.5	3.4		
M4 x 0.7	5P	6G	63	13	21	4.5	3.4		
MF4 x 0.5	5P	6H	63	13	21	4.5	3.4		
MF4 x 0.5	5P	6G	63	13	21	4.5	3.4		
M5 x 0.8	5P	6H	70	14	25	6	4.9		
M5 x 0.8	5P	6G	70	14	25	6	4.9		
M6 x 1.0	5P	6H	80	15	30	6	4.9		
M6 x 1.0	5P	6G	80	15	30	6	4.9		
MF6 x 0.75	5P	6H	80	15	30	6	4.9		
MF6 x 0.75	5P	6G	80	15	30	6	4.9		
M8 x 1.25	5P	6H	90	18	35	8	6.2	3	3
M8 x 1.25	5P	6G	90	18	35	8	6.2		
MF8 x 1.0	5P	6H	90	18	35	8	6.2		
MF8 x 1.0	5P	6G	90	18	35	8	6.2		
M10 x 1.5	5P	6H	100	20	39	10	8		
M10 x 1.5	5P	6G	100	20	39	10	8		
MF10 x 1.25	5P	6H	100	16	39	10	8		
MF10 x 1.25	5P	6G	100	16	39	10	8		
MF10 x 1.0	5P	6H	100	16	39	10	8		
MF10 x 1.0	5P	6G	100	16	39	10	8		
M12 x 1.75	5P	6H	110	24	53	9	7		
M12 x 1.75	5P	6G	110	24	53	9	7		
MF12 x 1.5	5P	6H	100	22	48	9	7		
MF12 x 1.5	5P	6G	100	22	48	9	7		
MF12 x 1.25	5P	6H	100	22	48	9	7		
MF12 x 1.25	5P	6G	100	22	48	9	7		
MF12 x 1.0	5P	6H	100	22	48	9	7		
MF12 x 1.0	5P	6G	100	22	48	9	7		
M14 x 2.0	5P	6H	110	26	53	11	9		
M14 x 2.0	5P	6G	110	26	53	11	9		
MF14 x 1.5	5P	6H	100	22	48	11	9		
MF14 x 1.5	5P	6G	100	22	48	11	9		
MF14 x 1.0	5P	6H	100	22	48	11	9		
MF14 x 1.0	5P	6G	100	22	48	11	9		
M16 x 2.0	5P	6H	110	27	53	12	9		
M16 x 2.0	5P	6G	110	27	53	12	9		
MF16 x 1.5	5P	6H	100	22	48	12	9		
MF16 x 1.5	5P	6G	100	22	48	12	9		
MF16 x 1.0	5P	6H	100	22	48	12	9		
MF16 x 1.0	5P	6G	100	22	48	12	9		

规格 Size	切削锥 lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
MF5 x 0.5	5P	6H	70	14	25	6	4.9	2	2
MF5 x 0.5	5P	6G	70	14	25	6	4.9		
M6 x 1.0	5P	6H	80	15	30	6	4.9		
M6 x 1.0	5P	6G	80	15	30	6	4.9		
MF6 x 0.75	5P	6H	80	15	30	6	4.9		
MF6 x 0.75	5P	6G	80	15	30	6	4.9		
M8 x 1.25	5P	6H	90	18	35	8	6.2		
M8 x 1.25	5P	6G	90	18	35	8	6.2		
MF8 x 1.0	5P	6H	90	18	35	8	6.2		
MF8 x 1.0	5P	6G	90	18	35	8	6.2		
M10 x 1.5	5P	6H	100	20	39	10	8		
M10 x 1.5	5P	6G	100	20	39	10	8		
MF10 x 1.25	5P	6H	100	16	39	10	8		
MF10 x 1.25	5P	6G	100	16	39	10	8		
MF10 x 1.0	5P	6H	100	16	39	10	8		
MF10 x 1.0	5P	6G	100	16	39	10	8		
M12 x 1.75	5P	6H	110	24	53	9	7		
M12 x 1.75	5P	6G	110	24	53	9	7		
MF12 x 1.5	5P	6H	100	22	48	9	7		
MF12 x 1.5	5P	6G	100	22	48	9	7		
MF12 x 1.25	5P	6H	100	22	48	9	7	3	3
MF12 x 1.25	5P	6G	100	22	48	9	7		
MF12 x 1.0	5P	6H	100	22	48	9	7		
MF12 x 1.0	5P	6G	100	22	48	9	7		
M14 x 2.0	5P	6H	110	26	53	11	9		
M14 x 2.0	5P	6G	110	26	53	11	9		
MF14 x 1.5	5P	6H	100	22	48	11	9		
MF14 x 1.5	5P	6G	100	22	48	11	9		
MF14 x 1.0	5P	6H	100	22	48	11	9		
MF14 x 1.0	5P	6G	100	22	48	11	9		
M16 x 2.0	5P	6H	110	27	53	12	9		
M16 x 2.0	5P	6G	110	27	53	12	9		
MF16 x 1.5	5P	6H	100	22	48	12	9		
MF16 x 1.5	5P	6G	100	22	48	12	9		
MF16 x 1.0	5P	6H	100	22	48	12	9		
MF16 x 1.0	5P	6G	100	22	48	12	9		

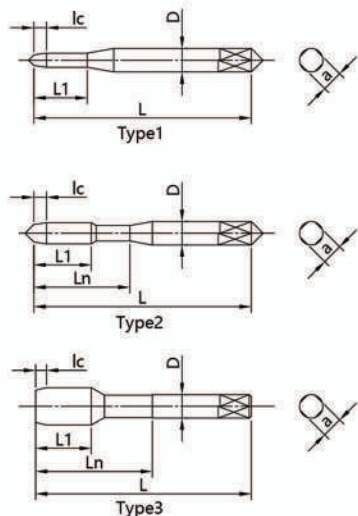
推荐可加工材质 Recommended machinable materials.

总碳量 C<0.25%	中碳钢 C0.25~0.45%	高碳钢 C>0.45%	合金钢 SCM	工具钢 SKD	铜 Cu	黄铜 Bz	青铜 PB	铝合金 AL	钛合金 ADC	镁合金 MC	钛合金 ZDC	不锈钢 303/304	不锈钢 316/317	铸铁 FC	球墨铸铁 FCD	铜合金 C70	钛合金 Ti	镍合金 Ni
○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

备注: ●(仅非圆组合) ○(圆) (适合加工)

DIN-ALCRN-PM-POT

德标AlCrN涂层-粉末料-先端丝锥



- 通用型先端系列的升级版
Upgraded version of the universal advanced series
- 采用粉末高速钢制作，极大提高了丝锥寿命
Made of powder high-speed steel, greatly improving the service life of the tap

■ DIN371: M2-M10, MF2-MF10 ■ DIN374: MF12-MF16 ■ DIN376: M12-M16

产品数据参数 Data

单位: mm

规格 Size	切削锥 lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
M2 x 0.4	5P	6H	45	8	14	2.8	2.1	2	1
M2 x 0.4	5P	6G	45	8	14	2.8	2.1		
M2.5 x 0.45	5P	6H	50	9	15	2.8	2.1	3	2
M2.5 x 0.45	5P	6G	50	9	15	2.8	2.1		
M3 x 0.5	5P	6H	56	9	15	2.8	2.1		
M3 x 0.5	5P	6G	56	9	15	2.8	2.1		
M3.5 x 0.6	5P	6H	56	12	20	4	3		
M3.5 x 0.6	5P	6G	56	12	20	4	3		
M4 x 0.7	5P	6H	63	13	21	4.5	3.4		
M4 x 0.7	5P	6G	63	13	21	4.5	3.4		
MF4 x 0.5	5P	6H	63	13	21	4.5	3.4		
MF4 x 0.5	5P	6G	63	13	21	4.5	3.4		
M5 x 0.8	5P	6H	70	14	25	6	4.9	3	2
M5 x 0.8	5P	6G	70	14	25	6	4.9		

规格 Size	切削锥 lc	精度 TAP Limit	全长 L	牙长 L1	颈长 Ln	柄径 D	方厚 a	槽数 Flutes	外型 Type
MF5 x 0.5	5P	6H	70	14	25	6	4.9	2	2
MF5 x 0.5	5P	6G	70	14	25	6	4.9		
M6 x 1.0	5P	6H	80	15	30	6	4.9		
M6 x 1.0	5P	6G	80	15	30	6	4.9		
MF6 x 0.75	5P	6H	80	15	30	6	4.9		
MF6 x 0.75	5P	6G	80	15	30	6	4.9		
M8 x 1.25	5P	6H	90	18	35	8	6.2		
M8 x 1.25	5P	6G	90	18	35	8	6.2		
MF8 x 1.0	5P	6H	90	18	35	8	6.2		
MF8 x 1.0	5P	6G	90	18	35	8	6.2		
M10 x 1.5	5P	6H	100	20	39	10	8	3	3
M10 x 1.5	5P	6G	100	20	39	10	8		
MF10 x 1.25	5P	6H	100	16	39	10	8		
MF10 x 1.25	5P	6G	100	16	39	10	8		
MF10 x 1.0	5P	6H	100	16	39	10	8		
MF10 x 1.0	5P	6G	100	16	39	10	8		
M12 x 1.75	5P	6H	110	24	53	9	7		
M12 x 1.75	5P	6G	110	24	53	9	7		
MF12 x 1.5	5P	6H	100	22	48	9	7		
MF12 x 1.5	5P	6G	100	22	48	9	7		
MF12 x 1.25	5P	6H	100	22	48	9	7		
MF12 x 1.25	5P	6G	100	22	48	9	7		
MF12 x 1.0	5P	6H	100	22	48	9	7		
MF12 x 1.0	5P	6G	100	22	48	9	7		
M14 x 2.0	5P	6H	110	26	53	11	9		
M14 x 2.0	5P	6G	110	26	53	11	9		
MF14 x 1.5	5P	6H	100	22	48	11	9		
MF14 x 1.5	5P	6G	100	22	48	11	9		
MF14 x 1.0	5P	6H	100	22	48	11	9		
MF14 x 1.0	5P	6G	100	22	48	11	9		
M16 x 2.0	5P	6H	110	27	53	12	9		
M16 x 2.0	5P	6G	110	27	53	12	9		
MF16 x 1.5	5P	6H	100	22	48	12	9		
MF16 x 1.5	5P	6G	100	22	48	12	9		
MF16 x 1.0	5P	6H	100	22	48	12	9		
MF16 x 1.0	5P	6G	100	22	48	12	9		

推荐可加工材质 Recommended machinable materials.

铝合金 C<0.23%	钛合金 C0.25~0.45%	铜合金 C>0.45%	不锈钢 5Cr	工具钢 5KD	铜 Cu	黄铜 Br	青铜 PB	铝合金 AL	压铸铝 ADC	镁合金 MC	镍合金 ZDC	不锈钢 303/304	不锈钢 316/317	钛合金 Ti	镍合金 FCD	镍合金 25-35HRC	镍合金 35-45HRC	镍合金 Ti	镍合金 Ni
●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

备注: ●(非常适用) ○(适用加工)

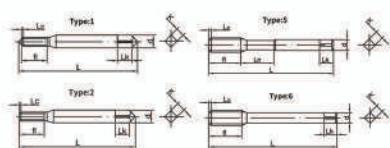
硬质合金丝锥

TAPS FOR CAST IRON

CB-NRT 挤压丝锥 SOLID CARBIDE FORMING TAPS



2牙 (2P) 盲孔用
2P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole



- ◎ 硬质合金
- ◎ 可实现大批量、高速、长寿命加工；
- ◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、锌合金铸件等高精度加工
- ◎ Solid carbide material.
- ◎ Suitable for high-speed, long tool life mass production.
- ◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions							槽数 Flutes	库存 Stock
L	φ	ln	d	k	Lk							
M1×0.25	RH4	4P	1	38	4.5	—	3	2.5	3	—	—	○
M1×0.25	RH4	2P	2	37	3.5	—	3	2.5	3	—	—	○
M1.2×0.25	RH4	4P	1	38	4.5	—	3	2.5	3	—	—	○
M1.2×0.25	RH4	2P	2	37	3.5	—	3	2.5	3	—	—	○
M1.4×0.3	RH4	4P	1	38	6.5	—	3	2.5	3	—	—	○
M1.4×0.3	RH4	2P	2	37	6.5	—	3	2.5	3	—	—	○
M1.6×0.35	RH5	4P	1	38	8	—	3	2.5	3	—	—	○
M1.6×0.35	RH5	2P	2	36.5	8	—	3	2.5	3	—	—	○
M2×0.4	RH5	4P	1	49	10	—	3	2.5	3	—	—	○
M2×0.4	RH5	2P	2	47.5	10	—	3	2.5	3	—	—	○
M2.5×0.45	RH5	4P	1	49	13	—	3	2.5	3	—	—	○
M2.5×0.45	RH5	2P	2	47.5	13	—	3	2.5	3	—	—	○
M3×0.5	RH6	4P	1	50	16	—	4	3.2	6	—	—	○
M3×0.5	RH6	2P	2	48	16	—	4	3.2	6	—	—	○
M4×0.7	RH7	4P	1	54	18	—	5	4	7	—	—	○
M4×0.7	RH7	2P	2	52	18	—	5	4	7	—	—	○
M5×0.8	RH7	4P	1	62	20	—	5.5	4.5	7	—	—	○
M5×0.8	RH7	2P	2	59.5	20	—	5.5	4.5	7	—	—	○
M6×1	RH7	4P	5	62	19	10	6	4.5	7	2	—	○
M6×1	RH7	2P	5	62	19	10	6	4.5	7	2	—	○
M8×1.25	RH7	4P	6	75	13	—	6.2	5	8	3	—	○
M8×1.25	RH7	2P	6	75	13	—	6.2	5	8	3	—	○
M8×1	RH7	4P	6	75	13	—	6.2	5	8	3	—	○
M8×1	RH7	2P	6	75	13	—	6.2	5	8	3	—	○
M10×1.5	RH8	4P	6	75	15	—	7	5.5	8	6	—	○
M10×1.5	RH8	2P	6	75	15	—	7	5.5	8	6	—	○
M10×1.25	RH7	4P	6	75	15	—	7	5.5	8	6	—	○
M10×1.25	RH7	2P	6	75	15	—	7	5.5	8	6	—	○
M10×1	RH7	4P	6	75	15	—	7	5.5	8	6	—	○
M10×1	RH7	2P	6	75	15	—	7	5.5	8	6	—	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

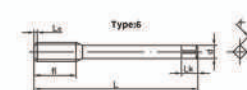
硬质合金丝锥

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单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions							槽数 Flutes	库存 Stock
L	φ	ln	d	k	Lk							
M12×1.75	RH9	4P	6	82	17	—	8.5	6.5	9	6	—	○
M12×1.75	RH9	2P	6	82	17	—	8.5	6.5	9	6	—	○
M12×1.5	RH8	4P	6	82	17	—	8.5	6.5	9	6	—	○
M12×1.5	RH8	2P	6	82	17	—	8.5	6.5	9	6	—	○
M12×1.25	RH7	4P	6	82	17	—	8.5	6.5	9	6	—	○
M12×1.25	RH7	2P	6	82	17	—	8.5	6.5	9	6	—	○
M12×1	RH7	4P	6	82	17	—	8.5	6.5	9	6	—	○
M12×1	RH7	2P	6	82	17	—	8.5	6.5	9	6	—	○
M14×2	RH10	4P	6	100	20	—	10.5	8	11	6	—	○
M14×2	RH10	2P	6	100	20	—	10.5	8	11	6	—	○
M14×1.5	RH8	4P	6	100	20	—	10.5	8	11	6	—	○
M14×1.5	RH8	2P	6	100	20	—	10.5	8	11	6	—	○
M14×1.25	RH7	4P	6	100	20	—	10.5	8	11	6	—	○
M14×1.25	RH7	2P	6	100	20	—	10.5	8	11	6	—	○
M14×1	RH7	4P	6	100	20	—	10.5	8	11	6	—	○
M14×1	RH7	2P	6	100	20	—	10.5	8	11	6	—	○
M16×2	RH10	4P	6	100	20	—	12.5	10	13	6	—	○
M16×2	RH10	2P	6	100	20	—	12.5	10	13	6	—	○
M16×1.5	RH8	4P	6	100	20	—	12.5	10	13	6	—	○
M16×1.5	RH8	2P	6	100	20	—	12.5	10	13	6	—	○
M16×1.25	RH7	4P	6	100	20	—	12.5	10	13	6	—	○
M16×1.25	RH7	2P	6	100	20	—	12.5	10	13	6	—	○
M16×1	RH7	4P	6	100	20	—	12.5	10	13	6	—	○
M16×1	RH7	2P	6	100	20	—	12.5	10	13	6	—	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

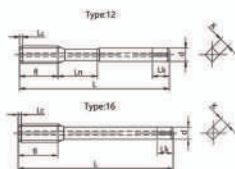
硬质合金丝锥

TAPS FOR CAST IRON

CB-OH-NRT 内冷挤压丝锥 SOLID CARBIDE FORMING TAPS WITH INTERNAL COOLANT



2牙 (2P) 盲孔用
2P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole



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单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions							槽数 Flutes	库存 Stock
				L	fl	In	d	k	Lk			
M6×1	RH7	4P	12	62	19	10	6	4.5	7	侧冷C	2	○
M6×1	RH7	2P	12	62	19	10	6	4.5	7	直冷Z	2	○
M8×1.25	RH7	4P	16	75	13	—	6.2	5	8	侧冷C	3	○
M8×1.25	RH7	2P	16	75	13	—	6.2	5	8	直冷Z	3	○
M8×1	RH7	4P	16	75	13	—	6.2	5	8	侧冷C	3	○
M8×1	RH7	2P	16	75	13	—	6.2	5	8	直冷Z	3	○
M10×1.5	RH8	4P	16	75	15	—	7	5.5	8	侧冷C	6	○
M10×1.5	RH8	2P	16	75	15	—	7	5.5	8	直冷Z	6	○
M10×1.25	RH7	4P	16	75	15	—	7	5.5	8	侧冷C	6	○
M10×1.25	RH7	2P	16	75	15	—	7	5.5	8	直冷Z	6	○
M10×1	RH7	4P	16	75	15	—	7	5.5	8	侧冷C	6	○
M10×1	RH7	2P	16	75	15	—	7	5.5	8	直冷Z	6	○
M12×1.75	RH9	4P	16	82	17	—	8.5	6.5	9	侧冷C	6	○
M12×1.75	RH9	2P	16	82	17	—	8.5	6.5	9	直冷Z	6	○
M12×1.5	RH8	4P	16	82	17	—	8.5	6.5	9	侧冷C	6	○
M12×1.5	RH8	2P	16	82	17	—	8.5	6.5	9	直冷Z	6	○
M12×1.25	RH7	4P	16	82	17	—	8.5	6.5	9	侧冷C	6	○
M12×1.25	RH7	2P	16	82	17	—	8.5	6.5	9	直冷Z	6	○
M12×1	RH7	4P	16	82	17	—	8.5	6.5	9	侧冷C	6	○
M12×1	RH7	2P	16	82	17	—	8.5	6.5	9	直冷Z	6	○
M14×2	RH10	4P	16	100	20	—	10.5	8	11	侧冷C	6	○
M14×2	RH10	2P	16	100	20	—	10.5	8	11	直冷Z	6	○
M14×1.5	RH8	4P	16	100	20	—	10.5	8	11	侧冷C	6	○
M14×1.5	RH8	2P	16	100	20	—	10.5	8	11	直冷Z	6	○
M14×1.25	RH7	4P	16	100	20	—	10.5	8	11	侧冷C	6	○
M14×1.25	RH7	2P	16	100	20	—	10.5	8	11	直冷Z	6	○
M14×1	RH7	4P	16	100	20	—	10.5	8	11	侧冷C	6	○
M14×1	RH7	2P	16	100	20	—	10.5	8	11	直冷Z	6	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

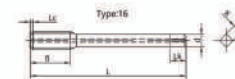
硬质合金丝锥

TAPS FOR CAST IRON

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2牙 (2P) 盲孔用
2P chamfers, for blind hole
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- ◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions							油孔 型式 Oilgroovetype	槽数 Flutes	库存 Stock
				L	fl	In	d	k	Lk				
M16×2	RH10	4P	16	100	20	—	12.5	10	13	侧冷C	6	○	
M16×2	RH10	2P	16	100	20	—	12.5	10	13	直冷Z	6	○	
M16×1.5	RH8	4P	16	100	20	—	12.5	10	13	侧冷C	6	○	
M16×1.5	RH8	2P	16	100	20	—	12.5	10	13	直冷Z	6	○	
M16×1.25	RH7	4P	16	100	20	—	12.5	10	13	侧冷C	6	○	
M16×1.25	RH7	2P	16	100	20	—	12.5	10	13	直冷Z	6	○	
M16×1	RH7	4P	16	100	20	—	12.5	10	13	侧冷C	6	○	
M16×1	RH7	2P	16	100	20	—	12.5	10	13	直冷Z	6	○	

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

CB-L-NRT 长柄挤压丝锥 SOLID CARBIDE FORMING TAPS WITH LONG SHANK

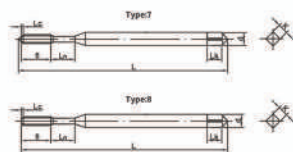


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4P chamfers, for through hole

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◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、锌合金铸件等高精度加工



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◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						槽数 Flutes	库存 Stock
				L	R	In	d	k	Lk		
M2×0.4	RH5	4P	7	80	10	—	3	2.5	3	—	○
M2×0.4	RH5	2P	8	78	10	—	3	2.5	3	—	○
M2×0.4	RH5	4P	7	100	10	—	3	2.5	3	—	○
M2×0.4	RH5	2P	8	98	10	—	3	2.5	3	—	○
M2×0.4	RH5	4P	7	120	10	—	3	2.5	3	—	○
M2×0.4	RH5	2P	8	118	10	—	3	2.5	3	—	○
M2.5×0.45	RH5	4P	7	80	13	—	3	2.5	3	—	○
M2.5×0.45	RH5	2P	8	78	13	—	3	2.5	3	—	○
M2.5×0.45	RH5	4P	7	100	13	—	3	2.5	3	—	○
M2.5×0.45	RH5	2P	8	98	13	—	3	2.5	3	—	○
M2.5×0.45	RH5	4P	7	120	13	—	3	2.5	3	—	○
M2.5×0.45	RH5	2P	8	118	13	—	3	2.5	3	—	○
M3×0.5	RH6	4P	7	80	16	—	4	3.2	6	—	○
M3×0.5	RH6	2P	8	78	16	—	4	3.2	6	—	○
M3×0.5	RH6	4P	7	100	16	—	4	3.2	6	—	○
M3×0.5	RH6	2P	8	98	16	—	4	3.2	6	—	○
M3×0.5	RH6	4P	7	120	16	—	4	3.2	6	—	○
M3×0.5	RH6	2P	8	118	16	—	4	3.2	6	—	○
M3×0.5	RH6	4P	7	150	16	—	4	3.2	6	—	○
M3×0.5	RH6	2P	8	148	16	—	4	3.2	6	—	○
M4×0.7	RH7	4P	7	80	18	—	5	4	7	—	○
M4×0.7	RH7	2P	8	78	18	—	5	4	7	—	○
M4×0.7	RH7	4P	7	100	18	—	5	4	7	—	○
M4×0.7	RH7	2P	8	98	18	—	5	4	7	—	○
M4×0.7	RH7	4P	7	120	18	—	5	4	7	—	○
M4×0.7	RH7	2P	8	118	18	—	5	4	7	—	○
M4×0.7	RH7	4P	7	150	18	—	5	4	7	—	○
M4×0.7	RH7	2P	8	148	18	—	5	4	7	—	○
M5×0.8	RH7	4P	7	80	20	—	5.5	4.5	7	—	○
M5×0.8	RH7	2P	8	78	20	—	5.5	4.5	7	—	○
M5×0.8	RH7	4P	7	100	20	—	5.5	4.5	7	—	○
M5×0.8	RH7	2P	8	98	20	—	5.5	4.5	7	—	○
M5×0.8	RH7	4P	7	120	20	—	5.5	4.5	7	—	○
M5×0.8	RH7	2P	8	118	20	—	5.5	4.5	7	—	○
M5×0.8	RH7	4P	7	150	20	—	5.5	4.5	7	—	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁CD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

CB-L-NRT 长柄挤压丝锥 SOLID CARBIDE FORMING TAPS WITH LONG SHANK

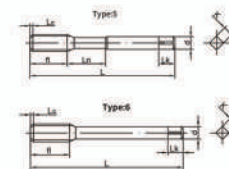


2牙 (2P) 盲孔用
2P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole

◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工；

◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、锌合金铸件等高精度加工



◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						槽数 Flutes	库存 Stock
				L	R	In	d	k	Lk		
M6×1	RH7	2P	5	80	19	10	6	4.5	7	2	○
M6×1	RH7	2P	5	100	19	10	6	4.5	7	2	○
M6×1	RH7	2P	5	120	19	10	6	4.5	7	2	○
M6×1	RH7	2P	5	150	19	10	6	4.5	7	2	○
M8×1.25	RH7	2P	6	100	13	—	6.2	5	8	3	○
M8×1.25	RH7	2P	6	120	13	—	6.2	5	8	3	○
M8×1.25	RH7	2P	6	150	13	—	6.2	5	8	3	○
M8×1	RH7	2P	6	100	13	—	6.2	5	8	3	○
M8×1	RH7	2P	6	120	13	—	6.2	5	8	3	○
M8×1	RH7	2P	6	150	13	—	6.2	5	8	3	○
M10×1.5	RH8	2P	6	100	15	—	7	5.5	8	6	○
M10×1.5	RH8	2P	6	120	15	—	7	5.5	8	6	○
M10×1.5	RH8	2P	6	150	15	—	7	5.5	8	6	○
M10×1.25	RH7	2P	6	100	15	—	7	5.5	8	6	○
M10×1.25	RH7	2P	6	120	15	—	7	5.5	8	6	○
M10×1.25	RH7	2P	6	150	15	—	7	5.5	8	6	○
M10×1	RH7	2P	6	100	15	—	7	5.5	8	6	○
M10×1	RH7	2P	6	120	15	—	7	5.5	8	6	○
M10×1	RH7	2P	6	150	15	—	7	5.5	8	6	○
M12×1.75	RH9	2P	6	100	17	—	8.5	6.5	9	6	○
M12×1.75	RH9	2P	6	120	17	—	8.5	6.5	9	6	○
M12×1.75	RH9	2P	6	150	17	—	8.5	6.5	9	6	○
M12×1.5	RH8	2P	6	100	17	—	8.5	6.5	9	6	○
M12×1.5	RH8	2P	6	120	17	—	8.5	6.5	9	6	○
M12×1.5	RH8	2P	6	150	17	—	8.5	6.5	9	6	○
M12×1.25	RH7	2P	6	100	17	—	8.5	6.5	9	6	○
M12×1.25	RH7	2P	6	120	17	—	8.5	6.5	9	6	○
M12×1.25	RH7	2P	6	150	17	—	8.5	6.5	9	6	○
M12×1	RH7	2P	6	100	17	—	8.5	6.5	9	6	○
M12×1	RH7	2P	6	120	17	—	8.5	6.5	9	6	○
M12×1	RH7	2P	6	150	17	—	8.5	6.5	9	6	○
M14×2	RH10	2P	6	120	20	—	10.5	8	11	6	○
M14×2	RH10	2P	6	150	20	—	10.5	8	11	6	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁CD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

CB-L-NRT 长柄挤压丝锥 SOLID CARBIDE FORMING TAPS WITH LONG SHANK

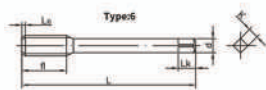


2牙 (2P) 盲孔用
2P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole

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◎ 可实现大批量、高速、长寿命加工；

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◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,
Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						槽数 Flutes	库存 Stock
				L	fl	ln	d	k	Lk		
M14×1.5	RH8	2P	6	120	20	—	10.5	8	11	6	○
M14×1.5	RH8	2P	6	150	20	—	10.5	8	11	6	○
M14×1.25	RH7	2P	6	120	20	—	10.5	8	11	6	○
M14×1.25	RH7	2P	6	150	20	—	10.5	8	11	6	○
M14×1	RH7	2P	6	120	20	—	10.5	8	11	6	○
M14×1	RH7	2P	6	150	20	—	10.5	8	11	6	○
M16×2	RH10	2P	6	120	20	—	12.5	10	13	6	○
M16×2	RH10	2P	6	150	20	—	12.5	10	13	6	○
M16×1.5	RH8	2P	6	120	20	—	12.5	10	13	6	○
M16×1.5	RH8	2P	6	150	20	—	12.5	10	13	6	○
M16×1.25	RH7	2P	6	120	20	—	12.5	10	13	6	○
M16×1.25	RH7	2P	6	150	20	—	12.5	10	13	6	○
M16×1	RH7	2P	6	120	20	—	12.5	10	13	6	○
M16×1	RH7	2P	6	150	20	—	12.5	10	13	6	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铸铁CD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
—	—	—	—	—	—	—	●	●	●	—	—	—

硬质合金丝锥

TAPS FOR CAST IRON

CB-L-OH-NRT 长柄内冷挤压丝锥 SOLID CARBIDE FORMING TAPS WITH LONG SHANK&INTERNAL COOLANT

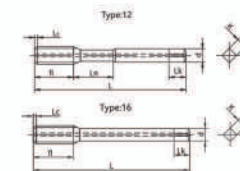


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锌合金铸件等高精度加工



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单位:mm Unit:mm

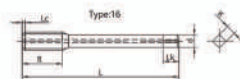
螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oilgroovetype	槽数 Flutes	库存 Stock
				L	fl	ln	d	k	Lk			
M6×1	RH7	4P	12	80	19	10	6	4.5	7	侧冷C	2	○
M6×1	RH7	2P	12	80	19	10	6	4.5	7	直冷Z	2	○
M6×1	RH7	4P	12	100	19	10	6	4.5	7	侧冷C	2	○
M6×1	RH7	2P	12	100	19	10	6	4.5	7	直冷Z	2	○
M6×1	RH7	4P	12	120	19	10	6	4.5	7	侧冷C	2	○
M6×1	RH7	2P	12	120	19	10	6	4.5	7	直冷Z	2	○
M6×1	RH7	4P	12	150	19	10	6	4.5	7	侧冷C	2	○
M6×1	RH7	2P	12	150	19	10	6	4.5	7	直冷Z	2	○
M8×1.25	RH7	4P	16	100	13	—	6.2	5	8	侧冷C	3	○
M8×1.25	RH7	2P	16	100	13	—	6.2	5	8	直冷Z	3	○
M8×1.25	RH7	4P	16	120	13	—	6.2	5	8	侧冷C	3	○
M8×1.25	RH7	2P	16	120	13	—	6.2	5	8	直冷Z	3	○
M8×1.25	RH7	4P	16	150	13	—	6.2	5	8	侧冷C	3	○
M8×1.25	RH7	2P	16	150	13	—	6.2	5	8	直冷Z	3	○
M8×1	RH7	4P	16	100	13	—	6.2	5	8	侧冷C	3	○
M8×1	RH7	2P	16	100	13	—	6.2	5	8	直冷Z	3	○
M8×1	RH7	4P	16	120	13	—	6.2	5	8	侧冷C	3	○
M8×1	RH7	2P	16	120	13	—	6.2	5	8	直冷Z	3	○
M10×1.5	RH8	4P	16	100	15	—	7	5.5	8	侧冷C	6	○
M10×1.5	RH8	2P	16	100	15	—	7	5.5	8	直冷Z	6	○
M10×1.5	RH8	4P	16	120	15	—	7	5.5	8	侧冷C	6	○
M10×1.5	RH8	2P	16	120	15	—	7	5.5	8	直冷Z	6	○
M10×1.5	RH8	4P	16	150	15	—	7	5.5	8	侧冷C	6	○
M10×1.5	RH8	2P	16	150	15	—	7	5.5	8	直冷Z	6	○
M10×1.25	RH7	4P	16	100	15	—	7	5.5	8	侧冷C	6	○
M10×1.25	RH7	2P	16	100	15	—	7	5.5	8	直冷Z	6	○
M10×1.25	RH7	4P	16	120	15	—	7	5.5	8	侧冷C	6	○
M10×1.25	RH7	2P	16	120	15	—	7	5.5	8	直冷Z	6	○
M10×1.25	RH7	4P	16	150	15	—	7	5.5	8	侧冷C	6	○
M10×1.25	RH7	2P	16	150	15	—	7	5.5	8	直冷Z	6	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铸铁CD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
—	—	—	—	—	—	—	●	●	●	—	—	—

硬质合金丝锥

TAPS FOR CAST IRON

CB-L-OH-NRT 长柄内冷挤压丝锥 SOLID CARBIDE FORMING TAPS WITH LONG SHANK&INTERNAL COOLANT



2牙 (2P) 盲孔用
2P chamfers, for blind hole
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- ◎ 可实现大批量、高速、长寿命加工;
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- ◎ Solid carbide material.
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单位:mm Unit:mm

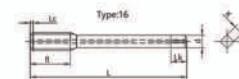
螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions							油孔 型式 Oilgroovetype	槽数 Flutes	库存 Stock
L	fl	In	d	k	Lk								
M10×1	RH7	4P	16	100	15	—	7	5.5	8	侧冷C	6	○	
M10×1	RH7	2P	16	100	15	—	7	5.5	8	直冷Z	6	○	
M10×1	RH7	4P	16	120	15	—	7	5.5	8	侧冷C	6	○	
M10×1	RH7	2P	16	120	15	—	7	5.5	8	直冷Z	6	○	
M10×1	RH7	4P	16	150	15	—	7	5.5	8	侧冷C	6	○	
M10×1	RH7	2P	16	150	15	—	7	5.5	8	直冷Z	6	○	
M12×1.75	RH9	4P	16	100	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.75	RH9	2P	16	100	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.75	RH9	4P	16	120	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.75	RH9	2P	16	120	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.75	RH9	4P	16	150	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.75	RH9	2P	16	150	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.5	RH8	4P	16	100	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.5	RH8	2P	16	100	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.5	RH8	4P	16	120	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.5	RH8	2P	16	120	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.5	RH8	4P	16	150	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.5	RH8	2P	16	150	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.25	RH7	4P	16	100	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.25	RH7	2P	16	100	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.25	RH7	4P	16	120	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1.25	RH7	2P	16	120	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1.25	RH7	4P	16	150	17	—	8.5	6.5	9	侧冷C	6	○	
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M12×1	RH7	4P	16	120	17	—	8.5	6.5	9	侧冷C	6	○	
M12×1	RH7	2P	16	120	17	—	8.5	6.5	9	直冷Z	6	○	
M12×1	RH7	4P	16	150	17	—	8.5	6.5	9	侧冷C	6	○	
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M14×2	RH10	4P	16	120	20	—	10.5	8	11	侧冷C	6	○	
M14×2	RH10	2P	16	120	20	—	10.5	8	11	直冷Z	6	○	
M14×2	RH10	4P	16	150	20	—	10.5	8	11	侧冷C	6	○	
M14×2	RH10	2P	16	150	20	—	10.5	8	11	直冷Z	6	○	

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

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单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions							油孔 型式 Oilgroovetype	槽数 Flutes	库存 Stock
L	fl	In	d	k	Lk								
M14×1.5	RH8	2P	16	120	20	—	10.5	8	11	侧冷C	6	○	
M14×1.5	RH8	4P	16	120	20	—	10.5	8	11	直冷Z	6	○	
M14×1.5	RH8	2P	16	150	20	—	10.5	8	11	侧冷C	6	○	
M14×1.5	RH8	4P	16	150	20	—	10.5	8	11	直冷Z	6	○	
M14×1.25	RH7	4P	16	120	20	—	10.5	8	11	侧冷C	6	○	
M14×1.25	RH7	2P	16	120	20	—	10.5	8	11	直冷Z	6	○	
M14×1.25	RH7	4P	16	150	20	—	10.5	8	11	侧冷C	6	○	
M14×1.25	RH7	2P	16	150	20	—	10.5	8	11	直冷Z	6	○	
M14×1	RH7	4P	16	120	20	—	10.5	8	11	侧冷C	6	○	
M14×1	RH7	2P	16	120	20	—	10.5	8	11	直冷Z	6	○	
M14×1	RH7	4P	16	150	20	—	10.5	8	11	侧冷C	6	○	
M14×1	RH7	2P	16	150	20	—	10.5	8	11	直冷Z	6	○	
M16×2	RH10	4P	16	120	20	—	12.5	10	13	侧冷C	6	○	
M16×2	RH10	2P	16	120	20	—	12.5	10	13	直冷Z	6	○	
M16×2	RH10	4P	16	150	20	—	12.5	10	13	侧冷C	6	○	
M16×2	RH10	2P	16	150	20	—	12.5	10	13	直冷Z	6	○	
M16×1.5	RH8	4P	16	120	20	—	12.5	10	13	侧冷C	6	○	
M16×1.5	RH8	2P	16	120	20	—	12.5	10	13	直冷Z	6	○	
M16×1.5	RH8	4P	16	150	20	—	12.5	10	13	侧冷C	6	○	
M16×1.5	RH8	2P	16	150	20	—	12.5	10	13	直冷Z	6	○	
M16×1.25	RH7	4P	16	120	20	—	12.5	10	13	侧冷C	6	○	
M16×1.25	RH7	2P	16	120	20	—	12.5	10	13	直冷Z	6	○	
M16×1.25	RH7	4P	16	150	20	—	12.5	10	13	侧冷C	6	○	
M16×1.25	RH7	2P	16	150	20	—	12.5	10	13	直冷Z	6	○	
M16×1	RH7	4P	16	120	20	—	12.5	10	13	侧冷C	6	○	
M16×1	RH7	2P	16	120	20	—	12.5	10	13	直冷Z	6	○	
M16×1	RH7	4P	16	150	20	—	12.5	10	13	侧冷C	6	○	
M16×1	RH7	2P	16	150	20	—	12.5	10	13	直冷Z	6	○	

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-NRT 挤压丝锥 DIN SOLID CARBIDE FORMING TAPS

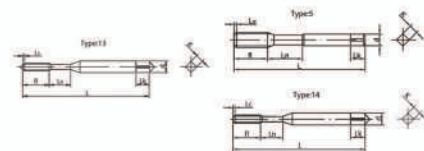


2.5牙 (2.5P) 盲孔用
2.5P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole

◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工；

◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、
锌合金铸件等高精度加工



◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,
Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削刃长 LC	型式 Type	形状尺寸 (mm) Dimensions						库存 Stock
				L	fl	ln	d	k	Lk	
M4×0.7	RH7	4P	13	63	9	12	4.5	3.4	6	●
M4×0.7	RH7	2.5P	14	63	9	12	4.5	3.4	6	●
M5×0.8	RH7	4P	13	70	10	15	6	4.9	8	●
M5×0.8	RH7	2.5P	14	70	10	15	6	4.9	8	●
M6×1	RH7	4P	13	80	10	20	6	4.9	8	●
M6×1	RH7	2.5P	14	80	10	20	6	4.9	8	●
M7×1	RH7	4P	13	80	10	20	7	5.5	8	●
M7×1	RH7	2.5P	14	80	10	20	7	5.5	8	●
M8×1.25	RH7	4P	5	90	13	22	8	6.2	9	●
M8×1.25	RH7	2.5P	5	90	13	22	8	6.2	9	●
M8×1	RH7	4P	5	90	13	22	8	6.2	9	●
M8×1	RH7	2.5P	5	90	13	22	8	6.2	9	●
M10×1.5	RH8	4P	5	100	15	24	10	8	11	●
M10×1.5	RH8	2.5P	5	100	15	24	10	8	11	●
M10×1.25	RH7	4P	5	100	15	24	10	8	11	●
M10×1.25	RH7	2.5P	5	100	15	24	10	8	11	●
M10×1	RH7	4P	5	100	15	24	10	8	11	●
M10×1	RH7	2.5P	5	100	15	24	10	8	11	●
M12×1.75	RH9	4P	5	110	17	32	9	7	10	●
M12×1.75	RH9	2.5P	5	110	17	32	9	7	10	●
M12×1.5	RH8	4P	5	110	17	32	9	7	10	●
M12×1.5	RH8	2.5P	5	110	17	32	9	7	10	●
M12×1.25	RH7	4P	5	110	17	32	9	7	10	●
M12×1.25	RH7	2.5P	5	110	17	32	9	7	10	●
M12×1	RH7	4P	5	110	17	32	9	7	10	●
M12×1	RH7	2.5P	5	110	17	32	9	7	10	●
M14×2	RH10	4P	5	110	20	33	11	9	12	●
M14×2	RH10	2.5P	5	110	20	33	11	9	12	●
M14×1.5	RH8	4P	5	110	20	33	11	9	12	●
M14×1.5	RH8	2.5P	5	110	20	33	11	9	12	●
M14×1.25	RH7	4P	5	110	20	33	11	9	12	●
M14×1.25	RH7	2.5P	5	110	20	33	11	9	12	●
M14×1	RH7	4P	5	110	20	33	11	9	12	●
M14×1	RH7	2.5P	5	110	20	33	11	9	12	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-NRT 挤压丝锥 DIN SOLID CARBIDE FORMING TAPS

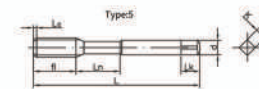


2.5牙 (2.5P) 盲孔用
2.5P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole

◎ 硬质合金

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锌合金铸件等高精度加工



◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,
Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削刃长 LC	型式 Type	形状尺寸 (mm) Dimensions						库存 Stock
				L	fl	ln	d	k	Lk	
M16×2	RH10	4P	5	110	20	34	12	9	12	●
M16×2	RH10	2.5P	5	110	20	34	12	9	12	●
M16×1.5	RH8	4P	5	110	20	34	12	9	12	●
M16×1.5	RH8	2.5P	5	110	20	34	12	9	12	●
M16×1.25	RH7	4P	5	110	20	34	12	9	12	●
M16×1.25	RH7	2.5P	5	110	20	34	12	9	12	●
M16×1	RH7	4P	5	110	20	34	12	9	12	●
M16×1	RH7	2.5P	5	110	20	34	12	9	12	●
M18×2.5	RH10	4P	5	125	25	36	14	11	14	●
M18×2.5	RH10	2.5P	5	125	25	36	14	11	14	●
M18×2	RH10	4P	5	125	25	36	14	11	14	●
M18×2	RH10	2.5P	5	125	25	36	14	11	14	●
M18×1.5	RH8	4P	5	125	25	36	14	11	14	●
M18×1.5	RH8	2.5P	5	125	25	36	14	11	14	●
M20×2.5	RH10	4P	5	140	25	44	16	12	15	●
M20×2.5	RH10	2.5P	5	140	25	44	16	12	15	●
M20×2	RH10	4P	5	140	25	44	16	12	15	●
M20×2	RH10	2.5P	5	140	25	44	16	12	15	●
M20×1.5	RH8	4P	5	140	25	44	16	12	15	●
M20×1.5	RH8	2.5P	5	140	25	44	16	12	15	●
M22×2.5	RH10	4P	5	140	25	44	18	14.5	17	●
M22×2.5	RH10	2.5P	5	140	25	44	18	14.5	17	●
M22×2	RH10	4P	5	140	25	44	18	14.5	17	●
M22×2	RH10	2.5P	5	140	25	44	18	14.5	17	●
M22×1.5	RH8	4P	5	140	25	44	18	14.5	17	●
M22×1.5	RH8	2.5P	5	140	25	44	18	14.5	17	●
M24×3	RH12	4P	5	160	30	48	18	14.5	17	●
M24×3	RH12	2.5P	5	160	30	48	18	14.5	17	●
M24×2.5	RH10	4P	5	160	30	48	18	14.5	17	●
M24×2.5	RH10	2.5P	5	160	30	48	18	14.5	17	●
M24×2	RH10	4P	5	160	30	48	18	14.5	17	●
M24×2	RH10	2.5P	5	160	30	48	18	14.5	17	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

STRAIGHT FLUTED TAPS FOR CAST IRON

DIN-CB-NRT 挤压丝锥 DIN SOLID CARBIDE FORMING TAPS

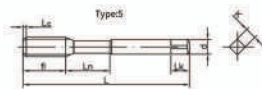


2.5牙 (2.5P) 盲孔用
2.5P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole

◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工;

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锌合金铸件等高精度加工



◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,
Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						库存 Stock
				L	fl	ln	d	k	Lk	
M27×3	RH10	4P	5	160	30	48	20	16	19	●
M27×3	RH10	2.5P	5	160	30	48	20	16	19	●
M27×2.5	RH10	4P	5	160	30	48	20	16	19	●
M27×2.5	RH10	2.5P	5	160	30	48	20	16	19	●
M27×2	RH10	4P	5	160	30	48	20	16	19	●
M27×2	RH10	2.5P	5	160	30	48	20	16	19	●
M30×3.5	RH13	4P	5	180	35	53	22	18	21	●
M30×3.5	RH13	2.5P	5	180	35	53	22	18	21	●
M30×3	RH12	4P	5	180	35	53	22	18	21	●
M30×3	RH12	2.5P	5	180	35	53	22	18	21	●
M30×2.5	RH10	4P	5	180	35	53	22	18	21	●
M30×2.5	RH10	2.5P	5	180	35	53	22	18	21	●
M30×2	RH10	4P	5	180	35	53	22	18	21	●
M30×2	RH10	2.5P	5	180	35	53	22	18	21	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-OH-NRT 内冷挤压丝锥 DIN SOLID CARBIDE FORMING TAPS WITH INTERNAL COOLANT

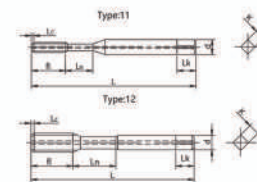


2.5牙 (2.5P) 盲孔用
2.5P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole

◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工;

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◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,
Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oil groove type	库存 Stock
				L	fl	ln	d	k	Lk		
M4×0.7	RH7	4P	11	63	9	12	4.5	3.4	6	侧冷C	●
M4×0.7	RH7	2.5P	11	63	9	12	4.5	3.4	6	直冷Z	●
M5×0.8	RH7	4P	11	70	10	15	6	4.9	8	侧冷C	●
M5×0.8	RH7	2.5P	11	70	10	15	6	4.9	8	直冷Z	●
M6×1	RH7	4P	11	80	10	20	6	4.9	8	侧冷C	●
M6×1	RH7	2.5P	11	80	10	20	6	4.9	8	直冷Z	●
M7×1	RH7	4P	11	80	10	20	7	5.5	8	侧冷C	●
M7×1	RH7	2.5P	11	80	10	20	7	5.5	8	直冷Z	●
M8×1.25	RH7	4P	12	90	13	22	8	6.2	9	侧冷C	●
M8×1.25	RH7	2.5P	12	90	13	22	8	6.2	9	直冷Z	●
M8×1	RH7	4P	12	90	13	22	8	6.2	9	侧冷C	●
M8×1	RH7	2.5P	12	90	13	22	8	6.2	9	直冷Z	●
M10×1.5	RH8	4P	12	100	15	24	10	8	11	侧冷C	●
M10×1.5	RH8	2.5P	12	100	15	24	10	8	11	直冷Z	●
M10×1.25	RH7	4P	12	100	15	24	10	8	11	侧冷C	●
M10×1.25	RH7	2.5P	12	100	15	24	10	8	11	直冷Z	●
M10×1	RH7	4P	12	100	15	24	10	8	11	侧冷C	●
M10×1	RH7	2.5P	12	100	15	24	10	8	11	直冷Z	●
M12×1.75	RH9	4P	12	110	17	32	9	7	10	侧冷C	●
M12×1.75	RH9	2.5P	12	110	17	32	9	7	10	直冷Z	●
M12×1.5	RH8	4P	12	110	17	32	9	7	10	侧冷C	●
M12×1.5	RH8	2.5P	12	110	17	32	9	7	10	直冷Z	●
M12×1.25	RH7	4P	12	110	17	32	9	7	10	侧冷C	●
M12×1.25	RH7	2.5P	12	110	17	32	9	7	10	直冷Z	●
M12×1	RH7	4P	12	110	17	32	9	7	10	侧冷C	●
M12×1	RH7	2.5P	12	110	17	32	9	7	10	直冷Z	●
M14×2	RH10	4P	12	110	20	33	11	9	12	侧冷C	●
M14×2	RH10	2.5P	12	110	20	33	11	9	12	直冷Z	●
M14×1.5	RH8	4P	12	110	20	33	11	9	12	侧冷C	●
M14×1.5	RH8	2.5P	12	110	20	33	11	9	12	直冷Z	●
M14×1.25	RH7	4P	12	110	20	33	11	9	12	侧冷C	●
M14×1.25	RH7	2.5P	12	110	20	33	11	9	12	直冷Z	●
M14×1	RH7	4P	12	110	20	33	11	9	12	侧冷C	●
M14×1	RH7	2.5P	12	110	20	33	11	9	12	直冷Z	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

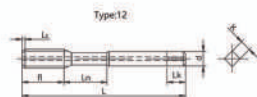
硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-OH-NRT 内冷挤压丝锥 DIN SOLID CARBIDE FORMING TAPS WITH INTERNAL COOLANT



2.5牙 (2.5P) 盲孔用
2.5P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole



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单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削进长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oil groove type	库存 Stock
				L	fl	ln	d	k	Lk		
M16×2	RH10	4P	12	110	20	34	12	9	12	侧冷C	●
M16×2	RH10	2.5P	12	110	20	34	12	9	12	直冷Z	●
M16×1.5	RH8	4P	12	110	20	34	12	9	12	侧冷C	●
M16×1.5	RH8	2.5P	12	110	20	34	12	9	12	直冷Z	●
M16×1.25	RH7	4P	12	110	20	34	12	9	12	侧冷C	●
M16×1.25	RH7	2.5P	12	110	20	34	12	9	12	直冷Z	●
M16×1	RH7	4P	12	110	20	34	12	9	12	侧冷C	●
M16×1	RH7	2.5P	12	110	20	34	12	9	12	直冷Z	●
M18×2.5	RH10	4P	12	125	25	36	14	11	14	侧冷C	●
M18×2.5	RH10	2.5P	12	125	25	36	14	11	14	直冷Z	●
M18×2	RH10	4P	12	125	25	36	14	11	14	侧冷C	●
M18×2	RH10	2.5P	12	125	25	36	14	11	14	直冷Z	●
M18×1.5	RH8	4P	12	125	25	36	14	11	14	侧冷C	●
M18×1.5	RH8	2.5P	12	125	25	36	14	11	14	直冷Z	●
M20×2.5	RH10	4P	12	140	25	44	16	12	15	侧冷C	●
M20×2.5	RH10	2.5P	12	140	25	44	16	12	15	直冷Z	●
M20×2	RH10	4P	12	140	25	44	16	12	15	侧冷C	●
M20×2	RH10	2.5P	12	140	25	44	16	12	15	直冷Z	●
M20×1.5	RH8	4P	12	140	25	44	16	12	15	侧冷C	●
M20×1.5	RH8	2.5P	12	140	25	44	16	12	15	直冷Z	●
M22×2.5	RH10	4P	12	140	25	44	18	14.5	17	侧冷C	●
M22×2.5	RH10	2.5P	12	140	25	44	18	14.5	17	直冷Z	●
M22×2	RH10	4P	12	140	25	44	18	14.5	17	侧冷C	●
M22×2	RH10	2.5P	12	140	25	44	18	14.5	17	直冷Z	●
M22×1.5	RH8	4P	12	140	25	44	18	14.5	17	侧冷C	●
M22×1.5	RH8	2.5P	12	140	25	44	18	14.5	17	直冷Z	●
M24×3	RH12	4P	12	160	30	48	18	14.5	17	侧冷C	●
M24×3	RH12	2.5P	12	160	30	48	18	14.5	17	直冷Z	●
M24×2.5	RH10	4P	12	160	30	48	18	14.5	17	侧冷C	●
M24×2.5	RH10	2.5P	12	160	30	48	18	14.5	17	直冷Z	●
M24×2	RH10	4P	12	160	30	48	18	14.5	17	侧冷C	●
M24×2	RH10	2.5P	12	160	30	48	18	14.5	17	直冷Z	●
M27×3	RH10	4P	12	160	30	48	20	16	19	侧冷C	●
M27×3	RH10	2.5P	12	160	30	48	20	16	19	直冷Z	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铸铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

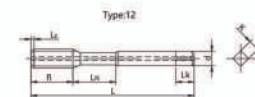
硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-OH-NRT 内冷挤压丝锥 DIN SOLID CARBIDE FORMING TAPS WITH INTERNAL COOLANT



2.5牙 (2.5P) 盲孔用
2.5P chamfers, for blind hole
4牙 (4P) 通孔用
4P chamfers, for through hole



◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工；

◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、

锌合金铸件等高精度加工

◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,

Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

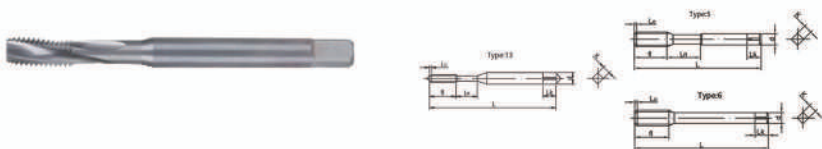
螺纹尺寸 Thread Size	精度 Limit	切削进长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oil groove type	库存 Stock
				L	fl	ln	d	k	Lk		
M27×2.5	RH10	4P	12	160	30	48	20	16	19	侧冷C	●
M27×2.5	RH10	2.5P	12	160	30	48	20	16	19	直冷Z	●
M27×2	RH10	4P	12	160	30	48	20	16	19	侧冷C	●
M27×2	RH10	2.5P	12	160	30	48	20	16	19	直冷Z	●
M30×3.5	RH13	4P	12	180	35	53	22	18	21	侧冷C	●
M30×3.5	RH13	2.5P	12	180	35	53	22	18	21	直冷Z	●
M30×3	RH12	4P	12	180	35	53	22	18	21	侧冷C	●
M30×3	RH12	2.5P	12	180	35	53	22	18	21	直冷Z	●
M30×2.5	RH10	4P	12	180	35	53	22	18	21	侧冷C	●
M30×2.5	RH10	2.5P	12	180	35	53	22	18	21	直冷Z	●
M30×2	RH10	4P	12	180	35	53	22	18	21	侧冷C	●
M30×2	RH10	2.5P	12	180	35	53	22	18	21	直冷Z	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铸铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-SFT 螺旋丝锥 SOLID CARBIDE STRAIGHT FLUTED TAPS



① 硬质合金

② 可实现大批量、高速、长寿命加工；

③ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、锌合金铸件等高精度加工

④ Solid carbide material.

⑤ Suitable for high-speed, long tool life mass production.

⑥ Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

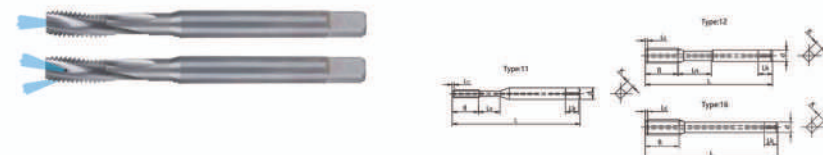
螺纹尺寸 Thread Size	精度 Limit	切削进长 LC	型式 Type	形状尺寸 (mm) Dimensions						槽数 Flutes	库存 Stock
				L	fl	ln	d	k	Lk		
M4×0.7	P2	2.5P	13	63	13	8	4.5	3.4	6	3	○
M5×0.8	P2	2.5P	13	70	15	10	6	4.9	8	3	○
M6×1	P2	2.5P	13	80	17	13	6	4.9	8	3	○
M7×1	P3	2.5P	13	80	17	13	7	5.5	8	3	○
M8×1	P3	2.5P	5	90	16	19	8	6.2	9	3	○
M8×1.25	P3	2.5P	5	90	16	19	8	6.2	9	3	○
M10×1.5	P4	2.5P	5	90	18	21	10	8	11	3	○
M10×1.25	P3	2.5P	5	90	18	21	10	8	11	3	○
M12×1.75	P4	2.5P	6	110	22	—	9	7	10	3	○
M12×1.5	P4	2.5P	6	110	22	—	9	7	10	3	○
M12×1.25	P3	2.5P	6	110	22	—	9	7	10	3	○
M14×2	P5	2.5P	6	110	26	—	11	9	12	3	○
M14×1.5	P4	2.5P	6	110	22	—	11	9	12	3	○
M14×1.25	P3	2.5P	6	110	22	—	11	9	12	3	○
M16×2	P5	2.5P	6	110	27	—	12	9	12	3	○
M16×1.5	P4	2.5P	6	110	22	—	12	9	12	3	○
M16×1.25	P3	2.5P	6	110	18	—	12	9	12	3	○
M18×2.5	P6	2.5P	6	125	30	—	14	11	14	4	○
M18×2	P5	2.5P	6	125	26	—	14	11	14	4	○
M18×1.5	P4	2.5P	6	125	25	—	14	11	14	4	○
M20×2.5	P6	2.5P	6	140	32	—	16	12	15	4	○
M20×2	P5	2.5P	6	140	27	—	16	12	15	4	○
M20×1.5	P4	2.5P	6	140	25	—	16	12	15	4	○
M22×2.5	P6	2.5P	6	140	32	—	18	14.5	17	4	○
M22×2	P5	2.5P	6	140	27	—	18	14.5	17	4	○
M22×1.5	P4	2.5P	6	140	25	—	18	14.5	17	4	○
M24×3	P6	2.5P	6	140	34	—	18	14.5	17	4	○
M24×2	P5	2.5P	6	140	27	—	18	14.5	17	4	○
M24×1.5	P4	2.5P	6	140	27	—	18	14.5	17	4	○
M27×3	P6	2.5P	6	160	36	—	20	16	19	4	○
M30×3.5	P7	2.5P	6	180	40	—	22	18	21	4	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-OH-SFT 内冷螺旋丝锥 SOLID CARBIDE SPIRAL FLUTED TAPS WITH INTERNAL COOLANT



① 硬质合金

② 可实现大批量、高速、长寿命加工；

③ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、锌合金铸件等高精度加工

④ Solid carbide material.

⑤ Suitable for high-speed, long tool life mass production.

⑥ Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

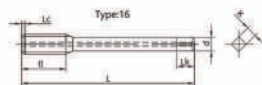
螺纹尺寸 Thread Size	精度 Limit	切削进长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oilgroove type	槽数 Flutes	库存 Stock
				L	fl	ln	d	k	Lk			
M4×0.7	P2	2.5P	11	63	13	8	4.5	3.4	6	侧冷C	3	○
M4×0.7	P2	2.5P	11	63	13	8	4.5	3.4	6	直冷Z	3	○
M5×0.8	P2	2.5P	11	70	15	8	6	4.9	8	侧冷C	3	○
M5×0.8	P2	2.5P	11	70	15	10	6	4.9	8	直冷Z	3	○
M6×1	P2	2.5P	11	80	17	10	6	4.9	8	侧冷C	3	○
M6×1	P2	2.5P	11	80	17	13	6	4.9	8	直冷Z	3	○
M7×1	P3	2.5P	11	80	17	13	7	5.5	8	侧冷C	3	○
M7×1	P3	2.5P	11	80	17	13	7	5.5	8	直冷Z	3	○
M8×1	P3	2.5P	12	90	16	13	8	6.2	9	侧冷C	3	○
M8×1	P3	2.5P	12	90	16	19	8	6.2	9	直冷Z	3	○
M8×1.25	P3	2.5P	12	90	16	19	8	6.2	9	侧冷C	3	○
M8×1.25	P3	2.5P	12	90	16	19	8	6.2	9	直冷Z	3	○
M10×1.5	P4	2.5P	12	100	18	21	10	8	11	侧冷C	3	○
M10×1.5	P4	2.5P	12	100	18	21	10	8	11	直冷Z	3	○
M10×1.25	P3	2.5P	12	100	18	21	10	8	11	侧冷C	3	○
M10×1.25	P3	2.5P	12	100	18	21	10	8	11	直冷Z	3	○
M12×1.75	P4	2.5P	16	110	22	—	9	7	10	侧冷C	3	○
M12×1.75	P4	2.5P	16	110	22	—	9	7	10	直冷Z	3	○
M12×1.5	P4	2.5P	16	110	22	—	9	7	10	侧冷C	3	○
M12×1.5	P4	2.5P	16	110	22	—	9	7	10	直冷Z	3	○
M12×1.25	P3	2.5P	16	110	22	—	9	7	10	侧冷C	3	○
M12×1.25	P3	2.5P	16	110	22	—	9	7	10	直冷Z	3	○
M14×2	P5	2.5P	16	110	26	—	11	9	12	侧冷C	3	○
M14×2	P5	2.5P	16	110	26	—	11	9	12	直冷Z	3	○
M14×1.5	P4	2.5P	16	110	22	—	11	9	12	侧冷C	3	○
M14×1.5	P4	2.5P	16	110	22	—	11	9	12	直冷Z	3	○
M14×1.25	P3	2.5P	16	110	22	—	11	9	12	侧冷C	3	○
M14×1.25	P3	2.5P	16	110	22	—	11	9	12	直冷Z	3	○
M16×2	P5	2.5P	16	110	27	—	12	9	12	侧冷C	3	○
M16×2	P5	2.5P	16	110	27	—	12	9	12	直冷Z	3	○
M16×1.5	P4	2.5P	16	110	22	—	12	9	12	侧冷C	3	○
M16×1.5	P4	2.5P	16	110	22	—	12	9	12	直冷Z	3	○
M16×1.25	P3	2.5P	16	110	18	—	12	9	12	侧冷C	3	○
M16×1.25	P3	2.5P	16	110	18	—	12	9	12	直冷Z	3	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-OH-SFT 内冷螺旋丝锥 SOLID CARBIDE SPIRAL FLUTED TAPS WITH INTERNAL COOLANT



◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工；

◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、锌合金铸件等高精度加工

◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy, Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

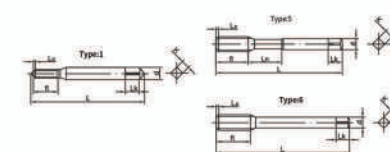
螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸(mm) Dimensions						油孔 型式 Oilgroove type	槽数 Flutes	库存 Stock
L	fl	ln	d	k	Lk							
M18×2.5	P6	2.5P	16	125	30	—	14	11	14	侧冷C	4	○
M18×2.5	P6	2.5P	16	125	30	—	14	11	14	直冷Z	4	○
M18×2	P5	2.5P	16	125	26	—	14	11	14	侧冷C	4	○
M18×2	P5	2.5P	16	125	26	—	14	11	14	直冷Z	4	○
M18×1.5	P4	2.5P	16	125	25	—	14	11	14	侧冷C	4	○
M18×1.5	P4	2.5P	16	125	25	—	14	11	14	直冷Z	4	○
M20×2.5	P6	2.5P	16	140	32	—	16	12	15	侧冷C	4	○
M20×2.5	P6	2.5P	16	140	32	—	16	12	15	直冷Z	4	○
M20×2	P5	2.5P	16	140	27	—	16	12	15	侧冷C	4	○
M20×2	P5	2.5P	16	140	27	—	16	12	15	直冷Z	4	○
M20×1.5	P4	2.5P	16	140	25	—	16	12	15	侧冷C	4	○
M20×1.5	P4	2.5P	16	140	25	—	16	12	15	直冷Z	4	○
M22×2.5	P6	2.5P	16	140	32	—	18	14.5	17	侧冷C	4	○
M22×2.5	P6	2.5P	16	140	32	—	18	14.5	17	直冷Z	4	○
M22×2	P5	2.5P	16	140	27	—	18	14.5	17	侧冷C	4	○
M22×2	P5	2.5P	16	140	27	—	18	14.5	17	直冷Z	4	○
M22×1.5	P4	2.5P	16	140	25	—	18	14.5	17	侧冷C	4	○
M22×1.5	P4	2.5P	16	140	25	—	18	14.5	17	直冷Z	4	○
M24×3	P6	2.5P	16	140	34	—	18	14.5	17	侧冷C	4	○
M24×3	P6	2.5P	16	140	34	—	18	14.5	17	直冷Z	4	○
M24×2	P5	2.5P	16	140	27	—	18	14.5	17	侧冷C	4	○
M24×2	P5	2.5P	16	140	27	—	18	14.5	17	直冷Z	4	○
M24×1.5	P4	2.5P	16	140	27	—	18	14.5	17	侧冷C	4	○
M24×1.5	P4	2.5P	16	140	27	—	18	14.5	17	直冷Z	4	○
M27×3	P6	2.5P	16	160	36	—	20	16	19	侧冷C	4	○
M27×3	P6	2.5P	16	160	36	—	20	16	19	直冷Z	4	○
M30×3.5	P7	2.5P	16	180	40	—	22	18	21	侧冷C	4	○
M30×3.5	P7	2.5P	16	180	40	—	22	18	21	直冷Z	4	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	-	-	●	●	●	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

CB-HT 直槽丝锥 SOLID CARBIDE STRAIGHT FLUTED TAPS



◎ 硬质合金

◎ YC-T50涂层，耐磨性能优异

◎ 适用于灰口铸铁、球墨铸铁材料加工，加工精度高，适合大批量连续加工

◎ Solid carbide material.

◎ YC-T50 coating, excellent wear resistance.

◎ Suitable for gray cast iron, ductile cast iron mass continuous processing threading, high processing accuracy



单位:mm Unit:mm

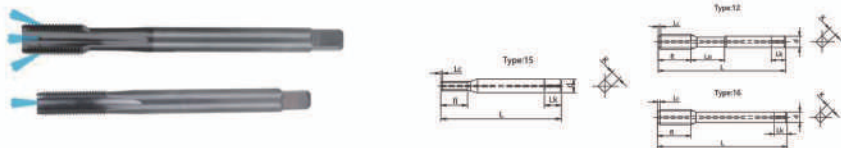
螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸(mm) Dimensions						槽数 Flutes	库存 Stock
L	fl	ln	d	k	Lk						
M5×0.8	P3	2.5P	1	62	16	—	5.5	4.5	7	3	○
M6×1	P3	2.5P	5	62	19	10	6	4.5	7	3	○
M8×1.25	P4	2.5P	6	75	22	—	6.2	5	8	3	○
M10×1.5	P5	2.5P	6	75	24	—	7	5.5	8	4	○
M10×1.25	P4	2.5P	6	75	24	—	7	5.5	8	4	○
M12×1.75	P5	2.5P	6	82	29	—	8.5	6.5	9	4	○
M12×1.5	P5	2.5P	6	82	29	—	8.5	6.5	9	4	○
M12×1.25	P5	2.5P	6	82	29	—	8.5	6.5	9	4	○
M14×2	P6	2.5P	6	88	20	—	10.5	8	11	4	○
M14×1.5	P5	2.5P	6	88	20	—	10.5	8	11	4	○
M16×2	P6	2.5P	6	95	20	—	12.5	10	13	4	○
M16×1.5	P5	2.5P	6	95	20	—	12.5	10	13	4	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	●	●	-	-	-	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

CB-OH-HT 内冷直槽丝锥 SOLID CARBIDE STRAIGHT FLUTED TAPS



- ◎ 硬质合金
- ◎ YC-T50涂层, 耐磨性能优异
- ◎ 适用于灰口铸铁、球墨铸铁材料加工, 加工精度高, 适合大批量连续加工
- ◎ Solid carbide material.
- ◎ YC-T50 coating, excellent wear resistance.
- ◎ Suitable for gray cast iron, ductile cast iron mass continuous processing threading, high processing accuracy



单位:mm Unit:mm

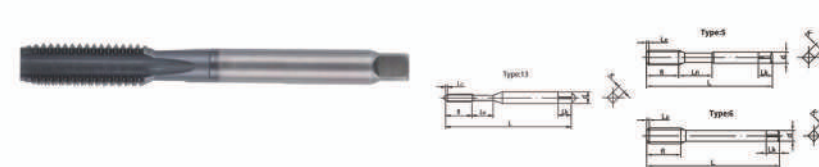
螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oil groove type	槽数 Flutes	库存 Stock
				L	fl	ln	d	k	Lk			
M5×0.8	P3	2.5P	15	57	16	—	5.5	4.5	7	侧冷C	3	○
M5×0.8	P3	2.5P	15	57	16	—	5.5	4.5	7	直冷Z	3	○
M6×1	P3	2.5P	12	62	19	10	6	4.5	7	侧冷C	3	○
M6×1	P3	2.5P	12	62	19	10	6	4.5	7	直冷Z	3	○
M8×1.25	P4	2.5P	16	75	22	—	6.2	5	8	侧冷C	3	○
M8×1.25	P4	2.5P	16	75	22	—	6.2	5	8	直冷Z	3	○
M10×1.5	P5	2.5P	16	75	24	—	7	5.5	8	侧冷C	4	○
M10×1.5	P5	2.5P	16	75	24	—	7	5.5	8	直冷Z	4	○
M10×1.25	P4	2.5P	16	75	24	—	7	5.5	8	侧冷C	4	○
M10×1.25	P4	2.5P	16	75	24	—	7	5.5	8	直冷Z	4	○
M12×1.75	P5	2.5P	16	82	29	—	8.5	6.5	9	侧冷C	4	○
M12×1.75	P5	2.5P	16	82	29	—	8.5	6.5	9	直冷Z	4	○
M12×1.5	P5	2.5P	16	82	29	—	8.5	6.5	9	侧冷C	4	○
M12×1.5	P5	2.5P	16	82	29	—	8.5	6.5	9	直冷Z	4	○
M12×1.25	P5	2.5P	16	82	29	—	8.5	6.5	9	侧冷C	4	○
M12×1.25	P5	2.5P	16	82	29	—	8.5	6.5	9	直冷Z	4	○
M14×2	P6	2.5P	16	88	20	—	10.5	8	11	侧冷C	4	○
M14×2	P6	2.5P	16	88	20	—	10.5	8	11	直冷Z	4	○
M14×1.5	P5	2.5P	16	88	20	—	10.5	8	11	侧冷C	4	○
M14×1.5	P5	2.5P	16	88	20	—	10.5	8	11	直冷Z	4	○
M16×2	P6	2.5P	16	95	20	—	12.5	10	13	侧冷C	4	○
M16×2	P6	2.5P	16	95	20	—	12.5	10	13	直冷Z	4	○
M16×1.5	P5	2.5P	16	95	20	—	12.5	10	13	侧冷C	4	○
M16×1.5	P5	2.5P	16	95	20	—	12.5	10	13	直冷Z	4	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	●	●	-	-	-	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-HT 直槽丝锥 DIN SOLID CARBIDE STRAIGHT FLUTED TAPS



- ◎ 硬质合金
- ◎ YC-T50涂层, 耐磨性能优异
- ◎ 适用于灰口铸铁、球墨铸铁材料加工, 加工精度高, 适合大批量连续加工
- ◎ Solid carbide material.
- ◎ YC-T50 coating, excellent wear resistance.
- ◎ Suitable for gray cast iron, ductile cast iron mass continuous processing threading, high processing accuracy



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						槽数 Flutes	库存 Stock
				L	fl	ln	d	k	Lk		
M5×0.8	P2	2.5P	13	70	15	10	6	4.9	8	3	○
M6×1	P2	2.5P	13	80	17	13	6	4.9	8	3	○
M7×1	P3	2.5P	13	80	17	13	7	5.5	8	3	○
M8×1	P3	2.5P	5	80	16	19	8	6.2	9	4	○
M8×1.25	P3	2.5P	5	90	16	19	8	6.2	9	4	○
M10×1.5	P4	2.5P	5	90	18	21	10	8	11	4	○
M10×1.25	P3	2.5P	5	100	18	21	10	8	11	4	○
M12×1.75	P4	2.5P	6	110	22	—	9	7	10	4	○
M12×1.5	P3	2.5P	6	110	22	—	9	7	10	4	○
M12×1.25	P3	2.5P	6	110	22	—	9	7	10	4	○
M14×2	P5	2.5P	6	110	26	—	11	9	12	4	○
M14×1.5	P4	2.5P	6	110	22	—	11	9	12	4	○
M14×1.25	P3	2.5P	6	110	22	—	11	9	12	4	○
M16×2	P5	2.5P	6	110	27	—	12	9	12	4	○
M16×1.5	P4	2.5P	6	110	22	—	12	9	12	4	○
M16×1.25	P3	2.5P	6	110	18	—	12	9	12	4	○
M18×2.5	P6	2.5P	6	125	30	—	14	11	14	4	○
M18×2	P5	2.5P	6	125	26	—	14	11	14	4	○
M18×1.5	P4	2.5P	6	125	25	—	14	11	14	4	○
M20×2.5	P6	2.5P	6	140	32	—	16	12	15	4	○
M20×2	P5	2.5P	6	140	27	—	16	12	15	4	○
M20×1.5	P4	2.5P	6	140	25	—	16	12	15	4	○
M22×2.5	P6	2.5P	6	140	32	—	18	14.5	17	4	○
M22×2	P5	2.5P	6	140	27	—	18	14.5	17	4	○
M22×1.5	P4	2.5P	6	140	25	—	18	14.5	17	4	○
M24×3	P6	2.5P	6	140	34	—	18	14.5	17	4	○
M24×2	P5	2.5P	6	140	27	—	18	14.5	17	4	○
M24×1.5	P4	2.5P	6	140	27	—	18	14.5	17	4	○
M27×3	P6	2.5P	6	160	36	—	20	16	19	4	○
M30×3.5	P7	2.5P	6	180	40	—	22	18	21	4	○

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铁FCD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	●	●	-	-	-	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-OH-HT 内冷直槽丝锥 DIN SOLID CARBIDE STRAIGHT FLUTED TAPS WITH INTERNAL COOLANT



◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工；

◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、

锌合金铸件等高精度加工

◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,

Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oilgroovetype	槽数 Flutes	库存 Stock
L	fl	ln	d	k	Lk							
M5×0.8	P2	2.5P	11	70	15	10	6	4.9	8	侧冷C	3	●
M5×0.8	P2	2.5P	11	70	15	10	6	4.9	8	直冷Z	3	●
M6×1	P2	2.5P	11	80	17	13	6	4.9	8	侧冷C	3	●
M6×1	P2	2.5P	11	80	17	13	6	4.9	8	直冷Z	3	●
M7×1	P3	2.5P	11	80	17	13	7	5.5	8	侧冷C	3	●
M7×1	P3	2.5P	11	80	17	13	7	5.5	8	直冷Z	3	●
M8×1	P3	2.5P	12	80	16	19	8	6.2	9	侧冷C	4	●
M8×1	P3	2.5P	12	80	16	19	8	6.2	9	直冷Z	4	●
M8×1.25	P3	2.5P	12	90	16	19	8	6.2	9	侧冷C	4	●
M8×1.25	P3	2.5P	12	90	16	19	8	6.2	9	直冷Z	4	●
M10×1.5	P4	2.5P	12	90	18	21	10	8	11	侧冷C	4	●
M10×1.5	P4	2.5P	12	90	18	21	10	8	11	直冷Z	4	●
M10×1.25	P3	2.5P	12	100	18	21	10	8	11	侧冷C	4	●
M10×1.25	P3	2.5P	12	100	18	21	10	8	11	直冷Z	4	●
M12×1.75	P4	2.5P	16	110	22	—	9	7	10	侧冷C	4	●
M12×1.75	P4	2.5P	16	110	22	—	9	7	10	直冷Z	4	●
M12×1.5	P3	2.5P	16	110	22	—	9	7	10	侧冷C	4	●
M12×1.5	P3	2.5P	16	110	22	—	9	7	10	直冷Z	4	●
M12×1.25	P3	2.5P	16	110	22	—	9	7	10	侧冷C	4	●
M12×1.25	P3	2.5P	16	110	22	—	9	7	10	直冷Z	4	●
M14×2	P5	2.5P	16	110	26	—	11	9	12	侧冷C	4	●
M14×2	P5	2.5P	16	110	26	—	11	9	12	直冷Z	4	●
M14×1.5	P4	2.5P	16	110	22	—	11	9	12	侧冷C	4	●
M14×1.5	P4	2.5P	16	110	22	—	11	9	12	直冷Z	4	●
M14×1.25	P3	2.5P	16	110	22	—	11	9	12	侧冷C	4	●
M14×1.25	P3	2.5P	16	110	22	—	11	9	12	直冷Z	4	●
M16×2	P5	2.5P	16	110	27	—	12	9	12	侧冷C	4	●
M16×2	P5	2.5P	16	110	27	—	12	9	12	直冷Z	4	●
M16×1.5	P4	2.5P	16	110	22	—	12	9	12	侧冷C	4	●
M16×1.5	P4	2.5P	16	110	22	—	12	9	12	直冷Z	4	●
M16×1.25	P3	2.5P	16	110	18	—	12	9	12	侧冷C	4	●
M16×1.25	P3	2.5P	16	110	18	—	12	9	12	直冷Z	4	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铸铁CD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	●	●	-	-	-	-	-	-

硬质合金丝锥

TAPS FOR CAST IRON

DIN-CB-OH-HT 内冷直槽丝锥 DIN SOLID CARBIDE STRAIGHT FLUTED TAPS WITH INTERNAL COOLANT



◎ 硬质合金

◎ 可实现大批量、高速、长寿命加工；

◎ 搭配不同涂层，适用于铝合金、镁合金、铜合金、铝合金铸件、

锌合金铸件等高精度加工

◎ Solid carbide material.

◎ Suitable for high-speed, long tool life mass production.

◎ Various coating selection, suitable for Aluminum alloy, Magnesium alloy,

Copper alloy, Cast Aluminum, Cast Zinc alloy.



单位:mm Unit:mm

螺纹尺寸 Thread Size	精度 Limit	切削锥长 LC	型式 Type	形状尺寸 (mm) Dimensions						油孔 型式 Oilgroovetype	槽数 Flutes	库存 Stock
L	fl	ln	d	k	Lk							
M18×2.5	P6	2.5P	16	125	30	—	14	11	14	侧冷C	4	●
M18×2.5	P6	2.5P	16	125	30	—	14	11	14	直冷Z	4	●
M18×2	P5	2.5P	16	125	26	—	14	11	14	侧冷C	4	●
M18×2	P5	2.5P	16	125	26	—	14	11	14	直冷Z	4	●
M18×1.5	P4	2.5P	16	125	25	—	14	11	14	侧冷C	4	●
M18×1.5	P4	2.5P	16	125	25	—	14	11	14	直冷Z	4	●
M20×2.5	P6	2.5P	16	140	32	—	16	12	15	侧冷C	4	●
M20×2.5	P6	2.5P	16	140	32	—	16	12	15	直冷Z	4	●
M20×2	P5	2.5P	16	140	27	—	16	12	15	侧冷C	4	●
M20×2	P5	2.5P	16	140	27	—	16	12	15	直冷Z	4	●
M20×1.5	P4	2.5P	16	140	25	—	16	12	15	侧冷C	4	●
M20×1.5	P4	2.5P	16	140	25	—	16	12	15	直冷Z	4	●
M22×2.5	P6	2.5P	16	140	32	—	18	14.5	17	侧冷C	4	●
M22×2.5	P6	2.5P	16	140	32	—	18	14.5	17	直冷Z	4	●
M22×2	P5	2.5P	16	140	27	—	18	14.5	17	侧冷C	4	●
M22×2	P5	2.5P	16	140	27	—	18	14.5	17	直冷Z	4	●
M22×1.5	P4	2.5P	16	140	25	—	18	14.5	17	侧冷C	4	●
M22×1.5	P4	2.5P	16	140	25	—	18	14.5	17	直冷Z	4	●
M24×3	P6	2.5P	16	140	34	—	18	14.5	17	侧冷C	4	●
M24×3	P6	2.5P	16	140	34	—	18	14.5	17	直冷Z	4	●
M24×2	P5	2.5P	16	140	27	—	18	14.5	17	侧冷C	4	●
M24×2	P5	2.5P	16	140	27	—	18	14.5	17	直冷Z	4	●
M24×1.5	P4	2.5P	16	140	27	—	18	14.5	17	侧冷C	4	●
M24×1.5	P4	2.5P	16	140	27	—	18	14.5	17	直冷Z	4	●
M27×3	P6	2.5P	16	160	36	—	20	16	19	侧冷C	4	●
M27×3	P6	2.5P	16	160	36	—	20	16	19	直冷Z	4	●
M30×3.5	P7	2.5P	16	180	40	—	22	18	21	侧冷C	4	●
M30×3.5	P7	2.5P	16	180	40	—	22	18	21	直冷Z	4	●

P	P	P	合金钢 SCM	M	K	K	N	N	N	S	S	H
低碳钢	中碳钢	高碳钢	HRC35以下	不锈钢SUS	铸铁FC	球墨铸铁CD	铝AL	铜/紫铜Cu	铸铝ADC	钛合金Ti	镍基合金Ni	HRC35以上
-	-	-	-	-	●	●	-	-	-	-	-	-

管螺纹丝锥

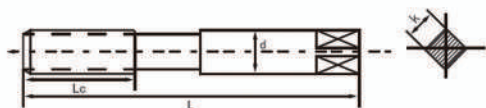
Pipe thread tap

Machine tap for cylindrical pipe thread / tapered pipe thread

Features:

The British standard pipe thread tap is a special tool for machining internal threads of pipes. It has a simple structure and is easy to operate.

It is the most commonly used machining tool for internal threads of medium and small-sized pipes.



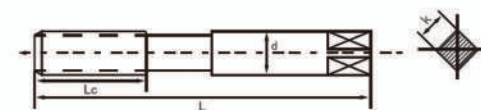
ST螺套丝锥

ST / STI tap

Special tap for ST thread insert.

Features:

Thread insert tap is a special tap for machining installation holes of stainless steel thread inserts.



单位:mm Unit:mm

尺寸 Size	L	Lc	d	k	推荐底孔 Recommended bottom hole size
G1/8-28	59.00	8.50	8.00	6.20	8.70
G1/4-19	67.00	13.00	11.00	9.00	11.70
G3/8-19	75.00	13.00	14.00	12.00	15.20
G1/2-14	87.00	16.00	18.00	14.50	19.00
G3/4-14	96.00	16.00	22.00	18.00	24.50
G1-11	96.00	16.00	26.00	22.00	30.20
ZG1/8-28	96.00	16.00	8.00	6.20	8.40
ZG1/4-19	96.00	16.00	11.00	9.00	11.20
ZG3/8-19	96.00	16.00	14.00	12.00	14.75
ZG1/2-14	96.00	16.00	18.00	14.50	18.25
ZG3/4-14	96.00	16.00	22.00	18.00	23.75
ZG1-11	96.00	16.00	26.00	22.00	30.00

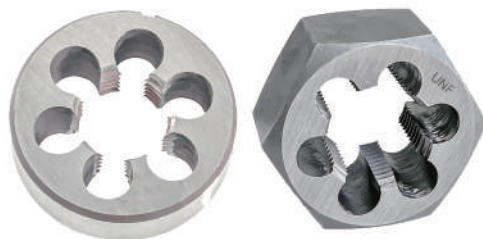


单位:mm Unit:mm

尺寸 Size	L	Lc	d	k	推荐底孔 Recommended bottom hole size
STI 2 x 0.4	40.50	9.50	2.80	2.24	2.00
STI 2.5 x 0.45	48.00	11.00	3.35	2.80	2.60
STI 3 x 0.5	53.00	13.00	4.00	3.15	3.10
STI 4 x 0.7	58.00	16.00	5.00	4.50	4.10
STI 5 x 0.8	66.00	19.00	6.30	5.00	5.20
STI 6 x 1.0	72.00	22.00	6.30	5.00	6.20
STI 8 x 1.25	80.00	24.00	8.00	6.30	8.30
STI 10 x 1.5	80.00	29.00	9.00	7.10	10.30
STI 12 x 1.75	95.00	30.00	11.20	9.00	12.40

高速鋼圓板牙/六角板牙 HSS ROUND DIE / HEXAGON DIE

High performance dies for industry. We can also
accept customization for machine taps long length.



Technical feature:

Suitable for high-speed, long tool life mass production.

According to customer needs, matching the corresponding material
of the processing die, can accept customization.

单位:mm Unit:mm

尺寸 Size	外圓x厚度 Dia. x thickness	尺寸 Size	外圓x厚度 Dia. x thickness	尺寸 Size	外圓x厚度 Dia. x thickness	尺寸 Size	外圓x厚度 Dia. x thickness
M17x0.75	45x14	M21x0.75	45x14	M25x1	55x16	M30x2	65x18
M17x1	45x14	M21x1	45x14	M25x1.5	55x16	M30x3	65x18
M17x1.5	45x14	M21x1.5	45x14	M25x2	55x16	M30x3.5	65x25
M18x0.5	45x14	M21x2	45x14	M26x0.5	55x16	M32x1	65x18
M18x0.75	45x14	M22x0.5	55x16	M26x0.75	55x16	M32x1.5	65x18
M18x1	45x14	M22x0.75	55x16	M26x1	55x16	M32x3	65x18
M18x1.25	45x14	M22x1	55x16	M26x1.5	55x16	M33x1	65x18
M18x1.5	45x14	M22x1.5	55x16	M26x2	55x16	M33x1.5	65x18
M18x2	45x14	M22x2	55x16	M27x0.5	65x18	M33x2	65x18
M18x2.5	45x18	M22x2.5	55x22	M27x0.75	65x18	M33x3.5	65x25
M19x0.5	45x14	M23x0.5	55x16	M27x1	65x18	M34x1	65x18
M19x0.75	45x14	M23x0.75	55x16	M27x1.5	65x18	M34x1.5	65x18
M19x1	45x14	M23x1	55x16	M27x2	65x18	M34x2	65x18
M19x1.5	45x14	M23x1.5	55x16	M27x3	65x25	M34x3	65x25
M19x2	45x14	M23x2	55x16	M28x0.5	65x18	M35x1	65x18
M20x0.5	45x14	M24x0.5	55x16	M28x0.75	65x18	M35x1.5	65x18
M20x0.75	45x14	M24x0.75	55x16	M28x1	65x18	M35x2	65x18
M20x1	45x14	M24x1	55x16	M28x1.5	65x18	M35x3	65x25
M20x1.25	45x14	M24x1.5	55x16	M28x2	65x18	M36x1	65x18
M20x1.5	45x14	M24x2	55x16	M30x0.5	65x18	M36x1.5	65x18
M20x2	45x14	M24x3	55x22	M30x0.75	65x18	M36x2	65x18
M20x2.5	45x18	M25x0.5	55x16	M30x1	65x18	M36x3	65x25
M21x0.5	45x14	M25x0.75	55x16	M30x1.5	65x18	M36x4	65x25

DATE:

Remarks: