

Solid Carbide Tools

硬质合金刀具



森泰英格（成都）数控刀具股份有限公司

CENTECH-EG CO.,LTD.

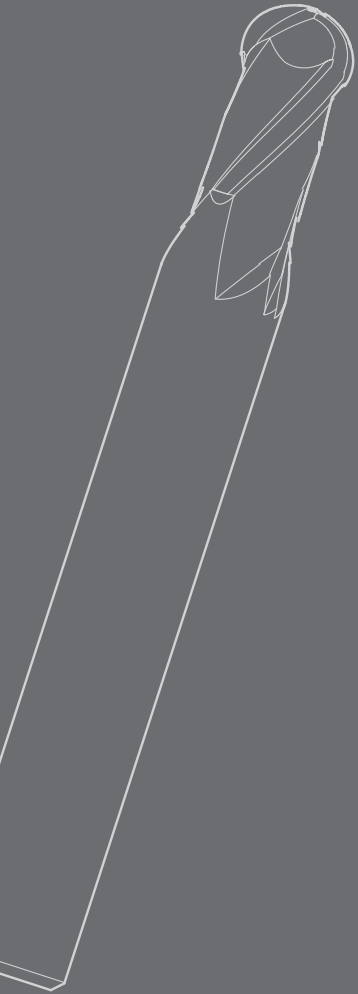
Solid Carbide Tools

硬质合金刀具



目录 Contents

A 硬质合金刀具 Solid Carbide Tools



整体硬质合金铣刀 Solid Carbide Milling Cutters

普通钢通用型系列 (48HRC 以内)·····	A6
For General-purpose Steel	
普通钢高效型系列 (48HRC 以内)·····	A11
For General-purpose Steel	
不锈钢高效型系列·····	A20
For Stainless Steel	
钛合金高效型系列·····	A22
For Titanium Alloy	
铝合金通用系列·····	A34
For Aluminum Alloy	
高硬材料通用型系列 30~60HRC·····	A36
For Hardened Material	
高硬材料高速型系列 45~65HRC·····	A42
For Hardened Material	
高温合金通用型系列·····	A48
For High-temperature Alloy	
石墨高速型系列·····	A53
For Graphite	
技术资料 Technical Data·····	A61

整体硬质合金钻头 Solid Carbide Drills

通用高性能整体硬质合金钻头·····	A72
Versatile High-performance Solid Carbide Drills	
技术资料 Technical Data·····	A80

丝锥 Taps

国标丝锥·····	A91
GB/ISO Taps	
德标丝锥·····	A103
DIN Taps	
日标丝锥·····	A116
JIS Taps	

Solid Carbide Milling Cutters

整体硬质合金铣刀



整体硬质合金铣刀型号编制说明

Solid Carbide End Mills Identification System

M	2	B	G	D4xR0.5x11NLxd4x75L4(C)F
1	2	3	4	5

1 铣刀代号 Product	
M	铣刀 End mill

2 工件材料 Workpiece material	
1	通用材质 Universal material
2	碳钢、合金钢 Carbon steel, alloy steel
3	铸铁 Cast iron
4	不锈钢 Stainless steel
5	有色金属 Non-ferrous metal
6	耐热合金 heat-resistant metal
7	淬硬钢 Hardened steel
8	钛合金 Titanium alloy
9	其他特殊 Others

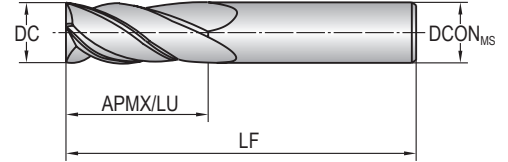
3 铣刀形状 Type	
S	平头 Falt
B	球头 Ball
R	圆鼻 Ball nose
C	倒角 Chamfer

4 刀具类别 Purpose	
G	通用 General
E	高速度、高效率 High speed, high efficiency
X	特殊 Special

5 铣刀规格 Specifcation	
D4	刃径 4mm DC4mm
R0.5	刀尖圆弧 R0.5mm Corner radius R0.5mm
11	切刃长度 11mm Flute length 11mm
NL	颈部加长型 Long neck
d4	柄径 4mm Tool diameter 4mm
75L	全长 75mm Overall length 75mm
4F	4 刃 No.of flutes
(C)	柄部加长型 Long shank

普通钢通用型系列 48HRC 以内 For general-purpose steel

4 刃平头立铣刀 4 Flutes Flat End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX/LU	LU	DCONms	LF
M2SGD1×3×d4×50L4F	●	1	3	3	4	50
M2SGD1.5×5×d4×50L4F	●	1.5	5	5	4	50
M2SGD2×6×d4×50L4F	●	2	6	6	4	50
M2SGD2.5×8×d4×50L4F	●	2.5	8	8	4	50
M2SGD3×9×d4×50L4F	●	3	9	9	4	50
M2SGD4×11×d4×50L4F	●	4	11	11	4	50
M2SGD5×13×d6×50L4F	●	5	13	13	6	50
M2SGD6×16×d6×50L4F	●	6	16	16	6	50
M2SGD8×20×d8×60L4F	●	8	20	20	8	60
M2SGD10×25×d10×75L4F	●	10	25	25	10	75

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

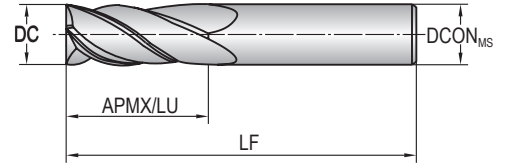
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢通用型系列 48HRC 以内 For general-purpose steel

4 刃长柄平头立铣刀

4 Flutes Long Shank Flat End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{ms}	LF
M2SGD4×11×d4×75L4CF	●	4	11	11	4	75
M2SGD4×15×d4×75L4CF	●	4	15	15	4	75
M2SGD6×16×d6×75L4CF	●	6	16	16	6	75
M2SGD6×20×d6×100L4CF	●	6	20	20	6	100

●标准库存 ○订单生产

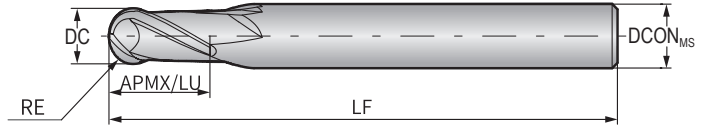
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢通用型系列 48HRC 以内 For general-purpose steel

2 刃球头立铣刀 2 Flutes Ball Nose End Mill



DC	R≤1.5	1.5<R<3	R≥3
RE Tolerance	0~-0.01	0~-0.015	0~-0.02

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCONms	LF
M2BGD1×2×d4×50L2F	●	1	2	2	4	50
M2BGD2×4×d4×50L2F	●	2	4	4	4	50
M2BGD3×6×d4×50L2F	●	3	6	6	4	50
M2BGD4×8×d4×50L2F	●	4	8	8	4	50
M2BGD6×12×d6×50L2F	●	6	12	12	6	50
M2BGD8×14×d8×60L2F	●	8	14	14	8	60
M2BGD10×18×d10×75L2F	●	10	18	18	10	75
M2BGD12×22×d12×75L2F	●	12	22	22	12	75

●标准库存 ○订单生产

切削材料推荐

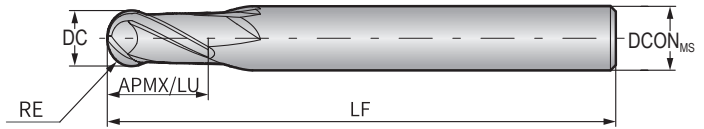
Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢通用型系列 48HRC 以内 For general-purpose steel

2 刃长柄球头立铣刀 2 Flutes Long Shank Ball Nose End Mill



DC	R≤1.5	1.5<R<3	R≥3
RE Tolerance	0~-0.01	0~-0.015	0~-0.02

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCONms	LF
M2BGD4×8×d4×75L2CF	●	4	8	8	4	75
M2BGD6×12×d6×75L2CF	●	6	12	12	6	75
M2BGD6×12×d6×100L2CF	●	6	12	12	6	100
M2BGD8×14×d8×75L2CF	●	8	14	14	8	75
M2BGD8×14×d8×100L2CF	●	8	14	14	8	100
M2BGD10×18×d10×100L2CF	●	10	18	18	10	100
M2BGD12×22×d12×100L2CF	●	12	22	22	12	100

●标准库存 ○订单生产

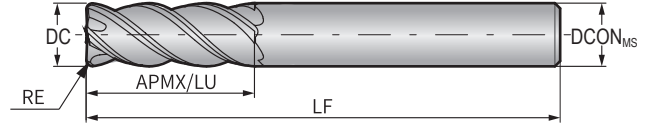
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢通用型系列 48HRC 以内 For general-purpose steel

4 刃长柄圆角头立铣刀 4 Flutes Long Shank Corner Radius End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M2RGD4×R0.5×11×d4×75L4CF	●	4	11	11	4	75
M2RGD6×R0.5×16×d6×75L4CF	●	6	16	16	6	75
M2RGD6×R1×16×d6×75L4CF	●	6	16	16	6	75
M2RGD8×R0.5×20×d8×100L4CF	●	8	20	20	8	100
M2RGD8×R1×20×d8×100L4CF	●	8	20	20	8	100
M2RGD10×R0.5×25×d10×100L4CF	●	10	25	25	10	100
M2RGD10×R1×25×d10×100L4CF	●	10	25	25	10	100
M2RGD12×R0.5×30×d12×100L4CF	●	12	30	30	12	100
M2RGD12×R1×30×d12×100L4CF	●	12	30	30	12	100

●标准库存 ○订单生产

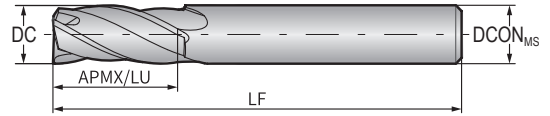
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

3 刃平头变螺旋立铣刀 3 Flutes Variable Helix Flat End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M2SED2.5×8×d4×50L3F	●	2.5	8	8	4	50
M2SED3×9×d4×50L3F	●	3	9	9	4	50
M2SED4×11×d4×50L3F	●	4	11	11	4	50
M2SED5×13×d6×50L3F	●	5	13	13	6	50
M2SED6×16×d6×50L3F	●	6	16	16	6	50
M2SED8×20×d8×60L3F	●	8	20	20	8	60
M2SED9×25×d10×75L3F	●	9	25	25	10	75
M2SED10×25×d10×75L3F	●	10	25	25	10	75
M2SED12×30×d12×75L3F	●	12	30	30	12	75
M2SED16×36×d16×100L3F	●	16	36	36	16	100
M2SED20×45×d20×100L3F	●	20	45	45	20	100

●标准库存 ○订单生产

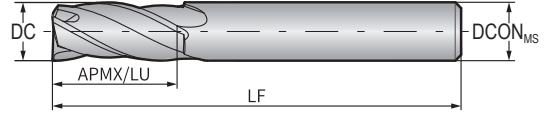
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

3 刃平头变螺旋立铣刀 (刀尖倒角) 3 Flutes Variable Helix Flat End Mill (Chamfered Tip)



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M2CED6×C0.2×16×d6×50L3F	●	6	16	16	6	50
M2CED8×C0.2×20×d8×60L3F	●	8	20	20	8	60
M2CED10×C0.3×25×d10×75L3F	●	10	25	25	10	75
M2CED12×C0.3×30×d12×75L3F	●	12	30	30	12	75
M2CED16×C0.3×36×d16×100L3F	○	16	36	36	16	100

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

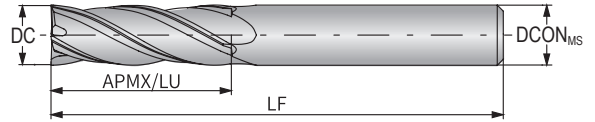
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

4 刃平头双螺旋立铣刀

4 Flutes Dual Helix Flat End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCONms	LF
M2SED2×6×d4×50L4F	●	2	6	6	4	50
M2SED2×6×d6×50L4F	●	2	6	6	6	50
M2SED2.5×8×d4×50L4F	●	2.5	8	8	4	50
M2SED3×9×d4×50L4F	●	3	9	9	4	50
M2SED3×9×d6×50L4F	●	3	9	9	6	50
M2SED4×11×d4×50L4F	●	4	11	11	4	50
M2SED4×11×d6×50L4F	●	4	11	11	6	50
M2SED5×13×d6×50L4F	●	5	13	13	6	50
M2SED5.5×16×d6×50L4F	●	5.5	16	16	6	50
M2SED6×16×d6×50L4F	●	6	16	16	6	50
M2SED7×20×d8×60L4F	●	7	20	20	8	60
M2SED8×20×d8×60L4F	●	8	20	20	8	60
M2SED8×25×d8×60L4F	●	8	25	25	8	60
M2SED10×25×d10×75L4F	●	10	25	25	10	75
M2SED12×30×d12×75L4F	●	12	30	30	12	75
M2SED14×34×d14×100L4F	●	14	34	34	14	100
M2SED16×36×d16×100L4F	●	16	36	36	16	100
M2SED20×45×d20×100L4F	●	20	45	45	20	100

● 标准库存 standard stock ○ 订单生产 Make to order

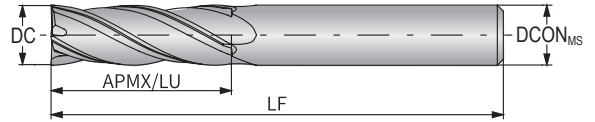
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 球墨铸铁 Cast iron Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★ 首选 First choice ☆ 可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

4 刃平头双螺旋立铣刀 (刀尖倒角) 4 Flutes Dual Helix Flat End Mill (Chamfered Tip)



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M2CED3×C0.03×9×d4×50L4F	●	3	9	9	4	50
M2CED3×C0.13×9×d4×50L4F	●	3	9	9	4	50
M2CED3×C0.15×8×d6×57L4F	●	3	8	8	6	57
M2CED4×C0.18×11×d6×57L4F	●	4	11	11	6	57
M2CED4×C0.04×11×d4×50L4F	○	4	11	11	4	50
M2CED4×C0.18×11×d4×50L4F	●	4	11	11	4	50
M2CED5×C0.05×13×d6×50L4F	●	5	13	13	6	50
M2CED5×C0.15×13×d6×57L4F	●	5	13	13	6	57
M2CED5×C0.2×13×d6×50L4F	●	5	13	13	6	50
M2CED6×C0.06×16×d6×50L4F	●	6	16	16	6	50
M2CED6×C0.2×13×d6×57L4F	●	6	13	13	6	57
M2CED6×C0.2×16×d6×50L4F	●	6	16	16	6	50
M2CED6×C0.4×16×d6×50L4F	●	6	16	16	6	50
M2CED8×C0.08×20×d8×60L4F	●	8	20	20	8	60
M2CED8×C0.2×19×d8×63L4F	●	8	19	19	8	63
M2CED8×C0.2×20×d8×60L4F	●	8	20	20	8	60
M2CED10×C0.1×25×d10×75L4F	●	10	25	25	10	75
M2CED10×C0.3×22×d10×72L4F	●	10	22	22	10	72
M2CED10×C0.3×25×d10×75L4F	●	10	25	25	10	75
M2CED12×C0.12×30×d12×75L4F	●	12	30	30	12	75
M2CED12×C0.3×26×d12×83L4F	●	12	26	26	12	83
M2CED12×C0.3×30×d12×75L4F	●	12	30	30	12	75
M2CED16×C0.15×36×d16×100L4F	●	16	36	36	16	100
M2CED16×C0.4×36×d16×100L4F	●	16	36	36	16	100
M2CED18×C0.15×45×d18×100L4F	●	18	45	45	18	100
M2CED20×C0.15×45×d20×100L4F	●	20	45	45	20	100
M2CED20×C0.5×45×d20×100L4F	●	20	45	45	20	100

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

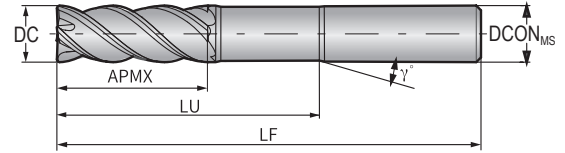
碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)	☆	★						
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

4 刃长颈平头双螺旋立铣刀 (刀尖倒角)

4 Flutes Long Neck Dual Helix Flat End Mill (Chamfered Tip)



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M2CED3×10×18NL×d4×75L4F	●	3	10	18	4	75
M2CED4×12×20NL×d4×75L4F	●	4	12	20	4	75
M2CED5×15×35NL×d6×75L4F	●	5	15	35	6	75
M2CED6×16×24NL×d6×100L4F	●	6	16	24	6	100
M2CED8×20×30NL×d8×100L4F	●	8	20	30	8	100
M2CED10×25×40NL×d10×150L4F	●	10	25	40	10	150
M2CED12×30×40NL×d12×150L4F	●	12	30	40	12	150
M2CED16×36×50NL×d16×150L4F	●	16	36	50	16	150
M2CED20×45×60NL×d20×150L4F	○	20	45	60	20	150

●标准库存 ○订单生产

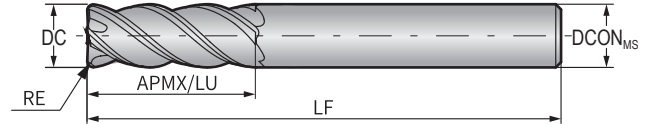
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

4 刃圆角头双螺旋立铣刀 4 Flutes Dual Helix Corner Radius End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M2SED2×R0.5×6×d4×50L4F	●	2	6	6	4	
M2SED3×R0.2×9×d4×50L4F	●	3	9	9	4	50
M2SED3×R0.3×9×d4×50L4F	●	3	9	9	4	50
M2SED3×R0.5×9×d4×50L4F	●	3	9	9	4	50
M2SED4×R0.3×11×d4×50L4F	●	4	11	11	4	50
M2SED4×R0.5×11×d4×50L4F	●	4	11	11	4	50
M2SED4×R1×11×d4×50L4F	●	4	11	11	4	50
M2SED5×R0.3×13×d6×50L4F	●	5	13	13	6	50
M2SED5×R0.5×13×d6×50L4F	●	5	13	13	6	50
M2SED5×R1×13×d6×50L4F	●	5	13	13	6	50
M2SED6×R0.3×16×d6×50L4F	●	6	16	16	6	50
M2SED6×R0.5×16×d6×50L4F	●	6	16	16	6	50
M2SED6×R1×16×d6×50L4F	●	6	16	16	6	50
M2SED6×R1.5×16×d6×50L4F	●	6	16	16	6	50
M2SED6×R2×16×d6×50L4F	●	6	16	16	6	50
M2SED8×R0.5×20×d8×60L4F	●	8	20	20	8	50
M2SED8×R1×20×d8×60L4F	●	8	20	20	8	60
M2SED8×R1.5×20×d8×60L4F	●	8	20	20	8	60
M2SED8×R2×20×d8×60L4F	●	8	20	20	8	60
M2SED10×R0.5×25×d10×75L4F	●	10	25	25	10	60
M2SED10×R1×25×d10×75L4F	●	10	25	25	10	75
M2SED10×R1.5×25×d10×75L4F	●	10	25	25	10	75
M2SED10×R2×25×d10×75L4F	●	10	25	25	10	75
M2SED10×R3×25×d10×75L4F	●	10	25	25	10	75
M2SED12×R0.5×30×d12×75L4F	●	12	30	30	12	75
M2SED12×R1×30×d12×75L4F	●	12	30	30	12	75
M2SED12×R1.5×30×d12×75L4F	●	12	30	30	12	75
M2SED12×R2×30×d12×75L4F	●	12	30	30	12	75
M2SED12×R3×30×d12×75L4F	●	12	30	30	12	75
M2SED14×R2×32×d14×75L4F	●	14	32	32	14	75
M2SED16×R2×36×d16×100L4F	●	16	36	36	16	75
M2SED16×R3×36×d16×100L4F	●	16	36	36	16	100

●标准库存 ○订单生产

切削材料推荐
Cutting material recommendation

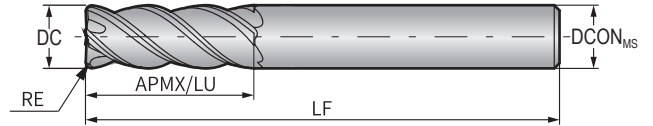
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)	☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

4 刃长柄圆角头双螺旋立铣刀

4 Flutes Long Shank Dual Helix Corner Radius End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M2SED4×R0.5×11×d4×75L4CF	●	4	11	11	4	75
M2SED6×R0.5×16×d6×75L4CF	●	6	16	16	6	75
M2SED8×R0.5×20×d8×100L4CF	●	8	20	20	8	100
M2SED8×R0.5×20×d8×75L4CF	●	8	20	20	8	75
M2SED8×R1×20×d8×100L4CF	○	8	20	20	8	100
M2SED8×R1×20×d8×75L4CF	●	8	20	20	8	75
M2SED10×R0.5×25×d10×100L4CF	●	10	25	25	10	100
M2SED10×R1×25×d10×100L4CF	●	10	25	25	10	100
M2SED12×R0.5×30×d12×100L4CF	●	12	30	30	12	100
M2SED12×R1×30×d12×100L4CF	●	12	30	30	12	100
M2SED12×R3×30×d12×100L4CF	●	12	30	30	12	100

●标准库存 ○订单生产

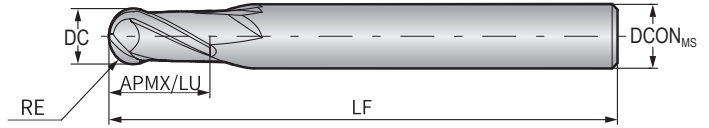
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

2 刃球头立铣刀 2 Flutes Ball Nose End Mill



RE	R≤1.5	1.5<R<3	R≥3
RE Tolerance	0~-0.01	0~-0.015	0~-0.02

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M2BED1×R0.5×2×d4×50L2F	●	1	2	2	4	50
M2BED1×R0.5×2×d6×50L2F	●	1	2	2	6	50
M2BED1.5×R0.75×3×d4×50L2F	●	1.5	3	3	4	50
M2BED1.5×R0.75×3×d6×50L2F	●	1.5	3	3	6	50
M2BED2×R1×4×d4×50L2F	●	2	4	4	4	50
M2BED2×R1×4×d6×50L2F	●	2	4	4	6	50
M2BED2.5×R1.25×5×d4×50L2F	●	2.5	5	5	4	50
M2BED3×R1.5×6×d4×50L2F	●	3	6	6	4	50
M2BED3×R1.5×6×d6×50L2F	○	3	6	6	6	50
M2BED3.5×R1.75×6×d4×50L2F	●	3.5	6	6	4	50
M2BED4×R2×8×d4×50L2F	●	4	8	8	4	50
M2BED4×R2×8×d6×50L2F	○	4	8	8	6	50
M2BED5×R2.5×10×d6×50L2F	●	5	10	10	6	50
M2BED6×R3×12×d6×50L2F	●	6	12	12	6	50
M2BED6×R3×12×d6×60L2F	●	6	12	12	6	60
M2BED8×R4×14×d8×60L2F	●	8	14	14	8	60
M2BED10×R5×18×d10×75L2F	●	10	18	18	10	75
M2BED11×R5.5×20×d12×75L2F	●	11	20	20	12	75
M2BED12×R6×22×d12×75L2F	●	12	22	22	12	75

●标准库存 ○订单生产

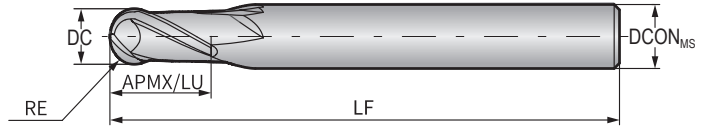
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)	☆	★						
★	★				☆	★						

★首选 First choice ☆可选 Good choice

普通钢高效型系列 48HRC 以内 For general-purpose steel

2 刃长柄球头立铣刀 2 Flutes Long Shank Ball Nose End Mill



RE	R≤1.5	1.5<R<3	R≥3
RE Tolerance	0~-0.01	0~-0.015	0~-0.02

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M2BED1×R0.5×2×d6×75L2CF	○	1	2	2	6	75
M2BED1.5×R0.75×3×d6×75L2CF	●	1.5	3	3	6	75
M2BED2×R1×4×d4×75L2CF	○	2	4	4	4	75
M2BED2×R1×4×d6×75L2CF	●	2	4	4	6	75
M2BED3×R1.5×6×d6×75L2CF	●	3	6	6	6	75
M2BED4×R2×8×d4×75L2CF	●	4	8	8	4	75
M2BED4×R2×8×d4×100L2CF	○	4	8	8	4	100
M2BED4×R2×8×d6×75L2CF	●	4	8	8	6	75
M2BED6×R3×12×d6×75L2CF	●	6	12	12	6	75
M2BED6×R3×12×d6×100L2CF	●	6	12	12	6	100
M2BED8×R4×14×d8×75L2CF	●	8	14	14	8	75
M2BED8×R4×14×d8×100L2CF	●	8	14	14	8	100
M2BED10×R5×18×d10×100L2CF	●	10	18	18	10	100
M2BED12×R6×22×d12×100L2CF	●	12	22	22	12	100

●标准库存 ○订单生产

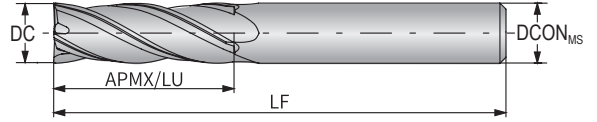
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)	☆	★						
★	★				☆	★						

★首选 First choice ☆可选 Good choice

不锈钢高效型系列 For stainless steel

4 刃平头立铣刀 4 Flutes Flat End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M4SED1×3×d3×38L4F	○	1	3	3	3	38
M4SED1.5×6×d3×38L4F	○	1.5	6	6	3	38
M4SED2×6×d4×50L4F	●	2	6	6	4	50
M4SED3×9×d4×50L4F	●	3	9	9	4	50
M4SED4×11×d4×50L4F	●	4	11	11	4	50
M4SED6×16×d6×50L4F	●	6	16	16	6	50
M4SED8×20×d8×60L4F	●	8	20	20	8	60
M4SED10×25×d10×75L4F	●	10	25	25	10	75
M4SED12×26×d12×83L4F	●	12	26	26	12	83

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

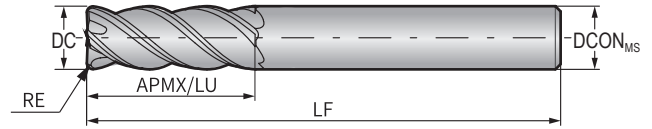
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				★	☆				★	☆	

★首选 First choice ☆可选 Good choice

不锈钢高效型系列 For stainless steel

4 刃圆角头立铣刀

4 Flutes Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M4RED2×R0.2×d6×d4×50L4F	●	2	6	6	4	50
M4RED3×R0.5×d8×d4×50L4F	●	3	8	8	4	50
M4RED4×R0.5×d11×d4×50L4F	●	4	11	11	4	50
M4RED6×R0.5×d16×d6×50L4F	●	6	16	16	6	50
M4RED6×R1×d16×d6×50L4F	●	6	16	16	6	50
M4RED8×R0.5×d20×d8×60L4F	●	8	20	20	8	60
M4RED8×R1×d20×d8×60L4F	●	8	20	20	8	60
M4RED10×R0.5×d25×d10×75L4F	●	10	25	25	10	75
M4RED10×R1×d25×d10×75L4F	●	10	25	25	10	75
M4RED12×R1×d26×d12×83L4F	○	12	26	26	12	83

●标准库存 ○订单生产

切削材料推荐

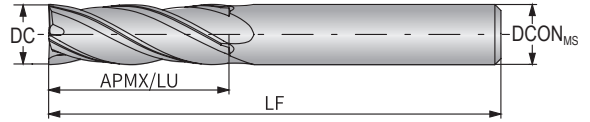
Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
★	★				★	☆				★	☆	

★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

4 刃平头立铣刀 4 Flutes Flat End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8SED1×3×d4×50L4F	●	1	3	3	4	50
M8SED1.5×4×d4×50L4F	●	1.5	4	4	4	50
M8SED2×6×d4×50L4F	●	2	6	6	4	50
M8SED2.5×6×d4×50L4F	●	2.5	6	6	4	50
M8SED3×9×d4×50L4F	●	3	9	9	4	50
M8SED3.5×10×d4×50L4F	○	3.5	10	10	4	50
M8SED4×11×d4×50L4F	●	4	11	11	4	50
M8SED4.5×11×d6×50L4F	○	4.5	11	11	6	50
M8SED5×13×d6×50L4F	●	5	13	13	6	50
M8SED6×16×d6×50L4F	●	6	16	16	6	50
M8SED8×20×d8×60L4F	●	8	20	20	8	60
M8SED10×25×d10×75L4F	●	10	25	25	10	75
M8SED12×30×d12×75L4F	●	12	30	30	12	75
M8SED14×32×d14×80L4F	○	14	32	32	14	80
M8SED16×36×d16×100L4F	●	16	36	36	16	100
M8SED20×45×d20×100L4F	●	20	45	45	20	100

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								

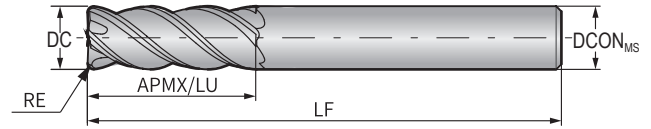


★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

4 刃圆角头立铣刀

4 Flutes Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED2×R0.2×6×d4×50L4F	●	2	6	6	4	50
M8RED3×R0.3×9×d4×50L4F	●	3	9	9	4	50
M8RED3×R0.5×9×d4×50L4F	●	3	9	9	4	50
M8RED4×R0.3×11×d4×50L4F	●	4	11	11	4	50
M8RED4×R0.5×11×d4×50L4F	●	4	11	11	4	50
M8RED4×R1×11×d4×50L4F	●	4	11	11	4	50
M8RED5×R0.5×13×d6×50L4F	●	5	13	13	6	50
M8RED6×R0.5×16×d6×50L4F	●	6	16	16	6	50
M8RED6×R1×16×d6×50L4F	●	6	16	16	6	50
M8RED8×R0.2×20×d8×60L4F	●	8	20	20	8	60
M8RED8×R0.5×20×d8×60L4F	●	8	20	20	8	60
M8RED8×R1×20×d8×60L4F	●	8	20	20	8	60
M8RED10×R0.2×25×d10×75L4F	○	10	25	25	10	75
M8RED10×R0.5×25×d10×75L4F	●	10	25	25	10	75
M8RED10×R1×25×d10×75L4F	●	10	25	25	10	75
M8RED10×R2×25×d10×75L4F	●	10	25	25	10	75
M8RED10×R3×25×d10×75L4F	●	10	25	25	10	75
M8RED12×R0.2×30×d12×75L4F	○	12	30	30	12	75
M8RED12×R0.5×30×d12×75L4F	●	12	30	30	12	75
M8RED12×R1×30×d12×75L4F	●	12	30	30	12	75
M8RED12×R2×30×d12×75L4F	●	12	30	30	12	75
M8RED12×R3×30×d12×75L4F	●	12	30	30	12	75
M8RED16×R0.2×36×d16×100L4F	○	16	36	36	16	100
M8RED16×R0.5×36×d16×100L4F	●	16	36	36	16	100
M8RED16×R1×36×d16×100L4F	●	16	36	36	16	100
M8RED16×R2×36×d16×100L4F	●	16	36	36	16	100
M8RED16×R3×36×d16×100L4F	●	16	36	36	16	100
M8RED16×R4×36×d16×100L4F	●	16	36	36	16	100
M8RED16×R5×36×d16×100L4F	●	16	36	36	16	100
M8RED20×R0.2×45×d20×100L4F	○	20	45	45	20	100
M8RED20×R0.5×45×d20×100L4F	●	20	45	45	20	100
M8RED20×R1×45×d20×100L4F	●	20	45	45	20	100
M8RED20×R2×45×d20×100L4F	●	20	45	45	20	100
M8RED20×R3×45×d20×100L4F	●	20	45	45	20	100
M8RED20×R4×45×d20×100L4F	○	20	45	45	20	100
M8RED20×R5×45×d20×100L4F	○	20	45	45	20	100

切削材料推荐

Cutting material recommendation

●标准库存 ○订单生产

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								

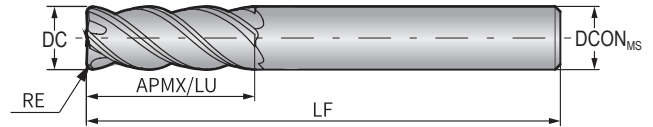


★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

4 刃长柄圆角头立铣刀

4 Flutes Long Shank Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M8RED6×R0.5×16×d6×75L4CF	●	6	16	16	6	75
M8RED6×R1×16×d6×75L4CF	●	6	16	16	6	75
M8RED8×R0.2×20×d8×75L4CF	●	8	20	20	8	75
M8RED8×R0.5×20×d8×75L4CF	●	8	20	20	8	75
M8RED8×R1×20×d8×75L4CF	●	8	20	20	8	75
M8RED10×R0.2×30×d10×100L4CF	○	10	30	30	10	100
M8RED10×R0.5×30×d10×100L4CF	●	10	30	30	10	100
M8RED10×R1×30×d10×100L4CF	●	10	30	30	10	100
M8RED10×R2×30×d10×100L4CF	●	10	30	30	10	100
M8RED10×R3×30×d10×100L4CF	●	10	30	30	10	100
M8RED12×R0.2×30×d12×100L4CF	○	12	30	30	12	100
M8RED12×R0.2×30×d12×120L4CF	○	12	30	30	12	120
M8RED12×R0.5×30×d12×100L4CF	○	12	30	30	12	100
M8RED12×R0.5×30×d12×120L4CF	●	12	30	30	12	120
M8RED12×R1×30×d12×100L4CF	○	12	30	30	12	100
M8RED12×R1×30×d12×120L4CF	●	12	30	30	12	120
M8RED12×R2×30×d12×100L4CF	○	12	30	30	12	100
M8RED12×R2×30×d12×120L4CF	●	12	30	30	12	120
M8RED12×R3×30×d12×100L4CF	○	12	30	30	12	100
M8RED12×R3×30×d12×120L4CF	●	12	30	30	12	120
M8RED16×R0.2×40×d16×150L4CF	○	16	40	40	16	150
M8RED16×R0.2×50×d16×200L4CF	○	16	50	50	16	200
M8RED16×R0.5×40×d16×150L4CF	●	16	40	40	16	150
M8RED16×R0.5×50×d16×200L4CF	○	16	50	50	16	200

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								

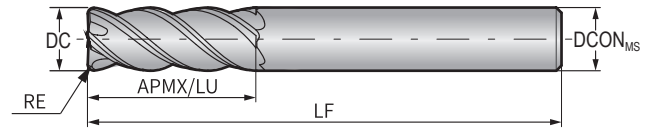


★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

4 刃长柄圆角头立铣刀

4 Flutes Long Shank Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED16×R1×40×d16×150L4CF	●	16	40	40	16	150
M8RED16×R1×50×d16×200L4CF	○	16	50	50	16	200
M8RED16×R2×40×d16×150L4CF	●	16	40	40	16	150
M8RED16×R2×50×d16×200L4CF	○	16	50	50	16	200
M8RED16×R3×40×d16×150L4CF	●	16	40	40	16	150
M8RED16×R3×50×d16×200L4CF	○	16	50	50	16	200
M8RED16×R4×40×d16×150L4CF	○	16	40	40	16	150
M8RED16×R4×50×d16×200L4CF	○	16	50	50	16	200
M8RED16×R5×40×d16×150L4CF	○	16	40	40	16	150
M8RED16×R5×50×d16×200L4CF	○	16	50	50	16	200
M8RED20×R0.2×50×d20×150L4CF	○	20	50	50	20	150
M8RED20×R0.2×50×d20×200L4CF	○	20	50	50	20	200
M8RED20×R0.5×50×d20×150L4CF	●	20	50	50	20	150
M8RED20×R0.5×50×d20×200L4CF	○	20	50	50	20	200
M8RED20×R1×50×d20×150L4CF	●	20	50	50	20	150
M8RED20×R1×50×d20×200L4CF	○	20	50	50	20	200
M8RED20×R2×50×d20×150L4CF	●	20	50	50	20	150
M8RED20×R2×50×d20×200L4CF	○	20	50	50	20	200
M8RED20×R3×50×d20×150L4CF	●	20	50	50	20	150
M8RED20×R3×50×d20×200L4CF	○	20	50	50	20	200
M8RED20×R4×50×d20×150L4CF	○	20	50	50	20	150
M8RED20×R4×50×d20×200L4CF	○	20	50	50	20	200
M8RED20×R5×50×d20×150L4CF	○	20	50	50	20	150
M8RED20×R5×50×d20×200L4CF	○	20	50	50	20	200

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

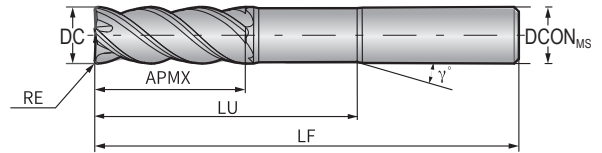
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								



★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

4 刃长颈圆角头立铣刀 4 Flutes Long Neck Corner Radius End Mill



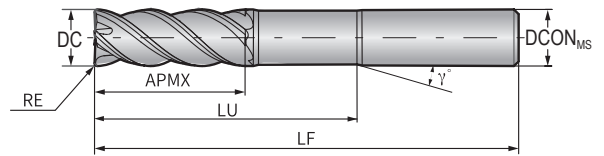
DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED6×R0.5×12×18NL×d6×60L4F	○	6	12	18	6	60
M8RED6×R1×12×18NL×d6×60L4F	○	6	12	18	6	60
M8RED8×R0.5×16×25NL×d8×75L4F	●	8	16	25	8	75
M8RED8×R1×16×25NL×d8×75L4F	●	8	16	25	8	75
M8RED10×R0.5×20×30NL×d10×75L4F	○	10	20	30	10	75
M8RED10×R0.5×30×50NL×d10×90L4F	○	10	30	50	10	90
M8RED10×R1×20×30NL×d10×75L4F	○	10	20	30	10	75
M8RED10×R1×30×50NL×d10×90L4F	○	10	30	50	10	90
M8RED10×R2×20×30NL×d10×75L4F	○	10	20	30	10	75
M8RED10×R2×30×50NL×d10×90L4F	○	10	30	50	10	90
M8RED10×R3×20×30NL×d10×75L4F	●	10	20	30	10	75
M8RED10×R3×30×40NL×d10×90L4F	●	10	30	40	10	90
M8RED10×R3×30×50NL×d10×90L4F	●	10	30	50	10	90
M8RED10×R3×30×60NL×d10×100L4F	●	10	30	60	10	100
M8RED12×R0.5×24×40NL×d12×90L4F	○	12	24	40	12	90
M8RED12×R0.5×24×50NL×d12×100L4F	○	12	24	50	12	100
M8RED12×R1×24×40NL×d12×90L4F	○	12	24	40	12	90
M8RED12×R1×24×50NL×d12×100L4F	○	12	24	50	12	100
M8RED12×R1×36×60NL×d12×110L4F	○	12	36	60	12	110
M8RED12×R2×24×40NL×d12×90L4F	○	12	24	40	12	90
M8RED12×R2×24×50NL×d12×100L4F	○	12	24	50	12	100
M8RED12×R3×24×40NL×d12×90L4F	●	12	24	40	12	90
M8RED12×R3×36×50NL×d12×100L4F	●	12	36	50	12	100
M8RED12×R3×36×60NL×d12×110L4F	●	12	36	60	12	110
M8RED16×R0.5×32×50NL×d16×100L4F	○	16	32	50	16	100
M8RED16×R0.5×32×60NL×d16×110L4F	○	16	32	60	16	110
M8RED16×R0.5×32×70NL×d16×120L4F	○	16	32	70	16	120
M8RED16×R0.5×32×80NL×d16×130L4F	○	16	32	80	16	130
M8RED16×R1×32×50NL×d16×100L4F	○	16	32	50	16	100
M8RED16×R1×32×60NL×d16×110L4F	○	16	32	60	16	110
M8RED16×R1×32×70NL×d16×120L4F	○	16	32	70	16	120
M8RED16×R1×32×80NL×d16×130L4F	○	16	32	80	16	130
M8RED16×R2×32×50NL×d16×100L4F	○	16	32	50	16	100
M8RED16×R2×32×60NL×d16×110L4F	○	16	32	60	16	110
M8RED16×R3×32×50NL×d16×100L4F	●	16	32	50	16	100
M8RED16×R3×32×60NL×d16×110L4F	●	16	32	60	16	110
M8RED16×R3×32×70NL×d16×120L4F	●	16	32	70	16	120
M8RED16×R3×32×80NL×d16×130L4F	●	16	32	80	16	130
M8RED16×R4×32×50NL×d16×100L4F	○	16	32	50	16	100
M8RED16×R4×32×60NL×d16×110L4F	○	16	32	60	16	110
M8RED16×R4×32×70NL×d16×120L4F	○	16	32	70	16	120
M8RED16×R4×32×80NL×d16×130L4F	○	16	32	80	16	130
M8RED16×R5×32×50NL×d16×100L4F	○	16	32	50	16	100
M8RED16×R5×32×60NL×d16×110L4F	○	16	32	60	16	110
M8RED16×R5×32×70NL×d16×120L4F	○	16	32	70	16	120

钛合金高效型系列 For titanium alloy

4 刃长颈圆角头立铣刀

4 Flutes Long Neck Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED16×R5×32×80NL×d16×130L4F	○	16	32	80	16	130
M8RED20×R0.5×40×60NL×d20×110L4F	○	20	40	60	20	110
M8RED20×R0.5×40×70NL×d20×120L4F	○	20	40	70	20	120
M8RED20×R0.5×40×80NL×d20×130L4F	○	20	40	80	20	130
M8RED20×R0.5×40×100NL×d20×150L4F	○	20	40	100	20	150
M8RED20×R1×40×60NL×d20×110L4F	○	20	40	60	20	110
M8RED20×R1×40×70NL×d20×120L4F	○	20	40	70	20	120
M8RED20×R1×40×80NL×d20×130L4F	○	20	40	80	20	130
M8RED20×R1×40×100NL×d20×150L4F	○	20	40	100	20	150
M8RED20×R2×40×60NL×d20×110L4F	○	20	40	60	20	110
M8RED20×R2×40×80NL×d20×130L4F	○	20	40	80	20	130
M8RED20×R3×40×60NL×d20×110L4F	●	20	40	60	20	110
M8RED20×R3×40×70NL×d20×120L4F	●	20	40	70	20	120
M8RED20×R3×40×80NL×d20×130L4F	●	20	40	80	20	130
M8RED20×R3×40×100NL×d20×150L4F	●	20	40	100	20	150
M8RED20×R4×40×60NL×d20×110L4F	○	20	40	60	20	110
M8RED20×R4×40×70NL×d20×120L4F	○	20	40	70	20	120
M8RED20×R4×40×80NL×d20×130L4F	○	20	40	80	20	130
M8RED20×R4×40×100NL×d20×150L4F	○	20	40	100	20	150
M8RED20×R5×40×60NL×d20×110L4F	○	20	40	60	20	110
M8RED20×R5×40×70NL×d20×120L4F	○	20	40	70	20	120
M8RED20×R5×40×80NL×d20×130L4F	○	20	40	80	20	130
M8RED20×R5×40×100NL×d20×150L4F	○	20	40	100	20	150
M8RED25×R0.5×50×80NL×d25×140L4F	○	25	50	80	25	140
M8RED25×R1×50×80NL×d25×140L4F	○	25	50	80	25	140
M8RED25×R1×50×100NL×d25×160L4F	○	25	50	100	25	160
M8RED25×R2×50×80NL×d25×140L4F	○	25	50	80	25	140
M8RED25×R3×50×80NL×d25×140L4F	○	25	50	80	25	140
M8RED25×R3×50×100NL×d25×160L4F	○	25	50	100	25	160
M8RED25×R3×50×120NL×d25×180L4F	○	25	50	120	25	180
M8RED25×R4×50×80NL×d25×140L4F	○	25	50	80	25	140
M8RED25×R5×50×80NL×d25×140L4F	○	25	50	80	25	140
M8RED25×R5×50×100NL×d25×160L4F	○	25	50	100	25	160

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

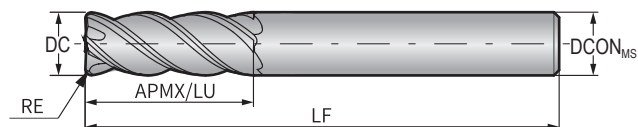
碳素钢 Carbon steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 Heat resistant alloy	塑料 Plastic
Pre-hardened steel	Tool steel	(45-55HRC)	(55-60HRC)	(> 60HRC)		球墨铸铁 Nodular cast iron						
(HRC < 35)	(HRC ≤ 48)											

★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

5 刃圆角头立铣刀

5 Flutes Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED6×R0.2×16×d6×50L5F	●	6	16	16	6	50
M8RED6×R0.5×16×d6×50L5F	●	6	16	16	6	50
M8RED6×R1×16×d6×50L5F	●	6	16	16	6	50
M8RED8×R0.2×20×d8×60L5F	●	8	20	20	8	60
M8RED8×R0.5×20×d8×60L5F	●	8	20	20	8	60
M8RED8×R1×20×d8×60L5F	●	8	20	20	8	60
M8RED10×R0.2×25×d10×75L5F	○	10	25	25	10	75
M8RED10×R0.5×25×d10×75L5F	●	10	25	25	10	75
M8RED10×R1×25×d10×75L5F	●	10	25	25	10	75
M8RED10×R2×25×d10×75L5F	●	10	25	25	10	75
M8RED10×R3×25×d10×75L5F	●	10	25	25	10	75
M8RED12×R0.2×30×d12×75L5F	○	12	30	30	12	75
M8RED12×R0.5×30×d12×75L5F	●	12	30	30	12	75
M8RED12×R1×30×d12×75L5F	●	12	30	30	12	75
M8RED12×R2×30×d12×75L5F	●	12	30	30	12	75
M8RED12×R3×30×d12×75L5F	●	12	30	30	12	75
M8RED16×R0.2×36×d16×100L5F	○	16	36	36	16	100
M8RED16×R0.5×36×d16×100L5F	●	16	36	36	16	100
M8RED16×R1×36×d16×100L5F	●	16	36	36	16	100
M8RED16×R2×36×d16×100L5F	●	16	36	36	16	100
M8RED16×R3×36×d16×100L5F	●	16	36	36	16	100
M8RED16×R4×36×d16×100L5F	○	16	36	36	16	100
M8RED16×R5×36×d16×100L5F	○	16	36	36	16	100
M8RED20×R0.2×45×d20×100L5F	○	20	45	45	20	100
M8RED20×R0.5×45×d20×100L5F	●	20	45	45	20	100
M8RED20×R1×45×d20×100L5F	●	20	45	45	20	100
M8RED20×R2×45×d20×100L5F	●	20	45	45	20	100
M8RED20×R3×45×d20×100L5F	●	20	45	45	20	100
M8RED20×R4×45×d20×100L5F	○	20	45	45	20	100
M8RED20×R5×45×d20×100L5F	○	20	45	45	20	100

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								

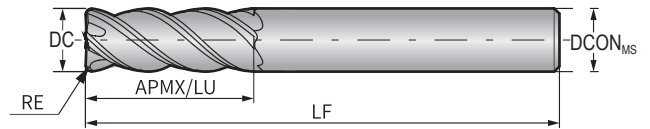


★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

5 刃长柄圆角头立铣刀

5 Flutes Long Shank Corner Radius End Mill

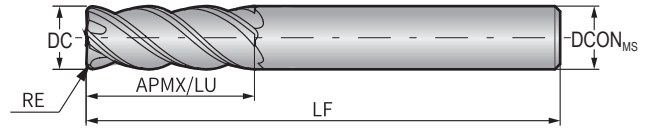


DC	D<6	6≤D≤12	D>12
DC Tolerance	0 ~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED6×R0.2×16×d6×75L5CF	●	6	16	16	6	75
M8RED6×R0.5×16×d6×75L5CF	●	6	16	16	6	75
M8RED6×R1×16×d6×75L5CF	●	6	16	16	6	75
M8RED8×R0.2×20×d8×75L5CF	●	8	20	20	8	75
M8RED8×R0.5×20×d8×75L5CF	●	8	20	20	8	75
M8RED8×R1×20×d8×75L5CF	●	8	20	20	8	75
M8RED10×R0.2×30×d10×100L5CF	○	10	30	30	10	100
M8RED10×R0.5×30×d10×100L5CF	●	10	30	30	10	100
M8RED10×R1×30×d10×100L5CF	●	10	30	30	10	100
M8RED10×R2×30×d10×100L5CF	●	10	30	30	10	100
M8RED10×R3×30×d10×100L5CF	●	10	30	30	10	100
M8RED12×R0.2×30×d12×100L5CF	○	12	30	30	12	100
M8RED12×R0.2×30×d12×120L5CF	○	12	30	30	12	120
M8RED12×R0.5×30×d12×100L5CF	○	12	30	30	12	100
M8RED12×R0.5×30×d12×120L5CF	●	12	30	30	12	120
M8RED12×R1×30×d12×100L5CF	○	12	30	30	12	100
M8RED12×R1×30×d12×120L5CF	●	12	30	30	12	120
M8RED12×R2×30×d12×100L5CF	○	12	30	30	12	100
M8RED12×R2×30×d12×120L5CF	●	12	30	30	12	120
M8RED12×R3×30×d12×100L5CF	○	12	30	30	12	100
M8RED12×R3×30×d12×120L5CF	●	12	30	30	12	120
M8RED16×R0.2×40×d16×150L5CF	○	16	40	40	16	150
M8RED16×R0.2×50×d16×200L5CF	○	16	50	50	16	200
M8RED16×R0.5×40×d16×150L5CF	●	16	40	40	16	150
M8RED16×R0.5×50×d16×200L5CF	○	16	50	50	16	200
M8RED16×R1×40×d16×150L5CF	●	16	40	40	16	150
M8RED16×R1×50×d16×200L5CF	○	16	50	50	16	200
M8RED16×R2×40×d16×150L5CF	●	16	40	40	16	150
M8RED16×R2×50×d16×200L5CF	○	16	50	50	16	200
M8RED16×R3×40×d16×150L5CF	●	16	40	40	16	150
M8RED16×R3×50×d16×200L5CF	○	16	50	50	16	200
M8RED16×R4×40×d16×150L5CF	○	16	40	40	16	150
M8RED16×R4×50×d16×200L5CF	○	16	50	50	16	200
M8RED16×R5×40×d16×150L5CF	○	16	40	40	16	150
M8RED16×R5×50×d16×200L5CF	○	16	50	50	16	200
M8RED20×R0.2×50×d20×150L5CF	○	20	50	50	20	150
M8RED20×R0.2×50×d20×200L5CF	○	20	50	50	20	200
M8RED20×R0.5×50×d20×150L5CF	●	20	50	50	20	150
M8RED20×R0.5×50×d20×200L5CF	○	20	50	50	20	200
M8RED20×R1×50×d20×150L5CF	●	20	50	50	20	150
M8RED20×R1×50×d20×200L5CF	○	20	50	50	20	200
M8RED20×R2×50×d20×150L5CF	●	20	50	50	20	150
M8RED20×R2×50×d20×200L5CF	○	20	50	50	20	200
M8RED20×R3×50×d20×150L5CF	●	20	50	50	20	150

钛合金高效型系列 For titanium alloy

5 刃长柄圆角头立铣刀 5 Flutes Long Shank Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED20×R3×50×d20×200L5CF	○	20	50	50	20	200
M8RED20×R4×50×d20×150L5CF	○	20	50	50	20	150
M8RED20×R4×50×d20×200L5CF	○	20	50	50	20	200
M8RED20×R5×50×d20×150L5CF	○	20	50	50	20	150
M8RED20×R5×50×d20×200L5CF	○	20	50	50	20	200
M8RED25×R0.5×50×d25×150L5CF	○	25	50	50	25	150
M8RED25×R0.5×50×d25×200L5CF	○	25	50	50	25	200
M8RED25×R1×50×d25×150L5CF	○	25	50	50	25	150
M8RED25×R1×50×d25×200L5CF	○	25	50	50	25	200
M8RED25×R2×50×d25×150L5CF	○	25	50	50	25	150
M8RED25×R2×50×d25×200L5CF	○	25	50	50	25	200
M8RED25×R3×50×d25×150L5CF	○	25	50	50	25	150
M8RED25×R3×50×d25×200L5CF	○	25	50	50	25	200
M8RED25×R4×50×d25×150L5CF	○	25	50	50	25	150
M8RED25×R4×50×d25×200L5CF	○	25	50	50	25	200
M8RED25×R5×50×d25×150L5CF	○	25	50	50	25	150
M8RED25×R5×50×d25×200L5CF	○	25	50	50	25	200

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								

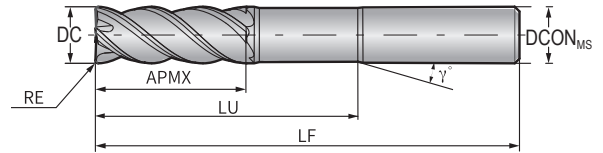


★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

5 刃长颈圆角头立铣刀

5 Flutes Long Neck Corner Radius End Mill

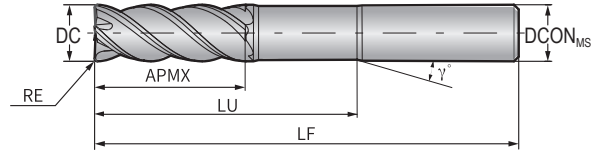


DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M8RED12×R0.5×24×40NL×d12×90L5F	○	12	24	40	12	90
M8RED12×R0.5×24×50NL×d12×100L5F	○	12	24	50	12	100
M8RED12×R1×24×40NL×d12×90L5F	○	12	24	40	12	90
M8RED12×R1×24×50NL×d12×100L5F	○	12	24	50	12	100
M8RED12×R2×24×40NL×d12×90L5F	○	12	24	40	12	90
M8RED12×R2×24×50NL×d12×100L5F	○	12	24	50	12	100
M8RED12×R3×24×40NL×d12×90L5F	●	12	24	40	12	90
M8RED12×R3×36×50NL×d12×100L5F	●	12	36	50	12	100
M8RED12×R3×36×60NL×d12×110L5F	●	12	36	60	12	110
M8RED16×R0.5×32×50NL×d16×100L5F	○	16	32	50	16	100
M8RED16×R0.5×32×60NL×d16×110L5F	○	16	32	60	16	110
M8RED16×R0.5×32×70NL×d16×120L5F	○	16	32	70	16	120
M8RED16×R0.5×32×80NL×d16×130L5F	○	16	32	80	16	130
M8RED16×R1×32×50NL×d16×100L5F	○	16	32	50	16	100
M8RED16×R1×32×60NL×d16×110L5F	○	16	32	60	16	110
M8RED16×R1×32×70NL×d16×120L5F	○	16	32	70	16	120
M8RED16×R1×32×80NL×d16×130L5F	○	16	32	80	16	130
M8RED16×R2×32×50NL×d16×100L5F	○	16	32	50	16	100
M8RED16×R2×32×60NL×d16×110L5F	○	16	32	60	16	110
M8RED16×R3×32×50NL×d16×100L5F	●	16	32	50	16	100
M8RED16×R3×32×60NL×d16×110L5F	●	16	32	60	16	110
M8RED16×R3×32×70NL×d16×120L5F	●	16	32	70	16	120
M8RED16×R3×32×80NL×d16×130L5F	●	16	32	80	16	130
M8RED16×R4×32×50NL×d16×100L5F	○	16	32	50	16	100
M8RED16×R4×32×60NL×d16×110L5F	○	16	32	60	16	110
M8RED16×R5×32×50NL×d16×100L5F	○	16	32	50	16	100
M8RED16×R5×32×60NL×d16×110L5F	○	16	32	60	16	110
M8RED16×R5×32×70NL×d16×120L5F	○	16	32	70	16	120
M8RED16×R5×32×80NL×d16×130L5F	○	16	32	80	16	130
M8RED20×R0.5×40×60NL×d20×110L5F	○	20	40	60	20	110
M8RED20×R0.5×40×70NL×d20×120L5F	○	20	40	70	20	120
M8RED20×R0.5×40×80NL×d20×130L5F	○	20	40	80	20	130
M8RED20×R0.5×40×100NL×d20×150L5F	○	20	40	100	20	150
M8RED20×R1×40×60NL×d20×110L5F	○	20	40	60	20	110
M8RED20×R1×40×70NL×d20×120L5F	○	20	40	70	20	120
M8RED20×R1×40×80NL×d20×130L5F	○	20	40	80	20	130
M8RED20×R1×40×100NL×d20×150L5F	○	20	40	100	20	150
M8RED20×R2×40×60NL×d20×110L5F	○	20	40	60	20	110
M8RED20×R2×40×80NL×d20×130L5F	○	20	40	80	20	130
M8RED20×R3×40×60NL×d20×110L5F	●	20	40	60	20	110
M8RED20×R3×40×70NL×d20×120L5F	●	20	40	70	20	120
M8RED20×R3×40×80NL×d20×130L5F	●	20	40	80	20	130
M8RED20×R3×40×100NL×d20×150L5F	●	20	40	100	20	150
M8RED20×R4×40×60NL×d20×110L5F	○	20	40	60	20	110
M8RED20×R4×40×80NL×d20×130L5F	○	20	40	80	20	130

钛合金高效型系列 For titanium alloy

5 刃长颈圆角头立铣刀 5 Flutes Long Neck Corner Radius End Mill



DC	D<6	6≤D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M8RED20×R5×40×60NL×d20×110L5F	○	20	40	60	20	110
M8RED20×R5×40×70NL×d20×120L5F	○	20	40	70	20	120
M8RED20×R5×40×80NL×d20×130L5F	○	20	40	80	20	130
M8RED20×R5×40×100NL×d20×150L5F	●	20	40	100	20	150
M8RED25×R0.5×50×80NL×d25×140L5F	○	25	50	80	25	140
M8RED25×R2×50×80NL×d25×140L5F	○	25	50	80	25	140
M8RED25×R3×50×80NL×d25×140L5F	○	25	50	80	25	140
M8RED25×R3×50×100NL×d25×160L5F	○	25	50	100	25	160
M8RED25×R3×50×120NL×d25×180L5F	○	25	50	120	25	180
M8RED25×R4×50×80NL×d25×140L5F	○	25	50	80	25	140
M8RED25×R5×50×80NL×d25×140L5F	○	25	50	80	25	140
M8RED25×R5×50×100NL×d25×160L5F	○	25	50	100	25	160

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切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								

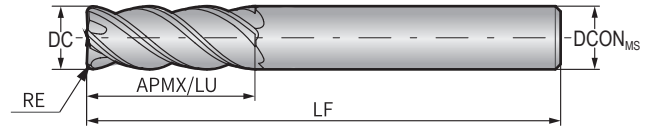


★首选 First choice ☆可选 Good choice

钛合金高效型系列 For titanium alloy

5 刃圆角头立铣刀 (摆线铣加工)

5 Flutes Corner Radius End Mill (For Trochoidal Milling)



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M8RXD6×R0.5×24×d6×75L5F	●	6	24	24	6	75
M8RXD8×R0.5×32×d8×75L5F	●	8	32	32	8	75
M8RXD10×R0.5×40×d10×100L5F	●	10	40	40	10	100
M8RXD10×R1×40×d10×100L5F	●	10	40	40	10	100
M8RXD12×R1×48×d12×110L5F	●	12	48	48	12	110
M8RXD12×R3×48×d12×110L5F	●	12	48	48	12	110
M8RXD20×R3×80×d20×140L5F	●	20	80	80	20	140

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

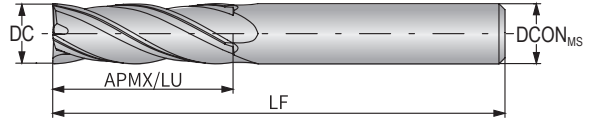
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								



★首选 First choice ☆可选 Good choice

铝合金通用系列 For aluminum alloy

3 刃平头立铣刀 3 Flutes Flat End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M5SGD1×3×d4×50L3F	●	1	3	3	4	50
M5SGD1.5×4×d4×50L3F	●	1.5	4	4	4	50
M5SGD2×6×d4×50L3F	●	2	6	6	4	50
M5SGD2.5×8×d4×50L3F	●	2.5	8	8	4	50
M5SGD3×9×d4×50L3F	●	3	9	9	4	50
M5SGD4×11×d4×50L3F	●	4	11	11	4	50
M5SGD5×13×d6×50L3F	●	5	13	13	6	50
M5SGD6×16×d6×50L3F	●	6	16	16	6	50
M5SGD8×20×d8×60L4F	●	8	20	20	8	60
M5SGD10×25×d10×75L3F	●	10	25	25	10	75
M5SGD12×30×d12×75L3F	●	12	30	30	12	75
M5SGD16×36×d16×100L3F	●	16	36	36	16	100
M5SGD18×45×d18×100L3F	●	18	38	38	18	100
M5SGD20×45×d18×100L3F	●	20	45	45	20	100

●标准库存 ○订单生产

切削材料推荐

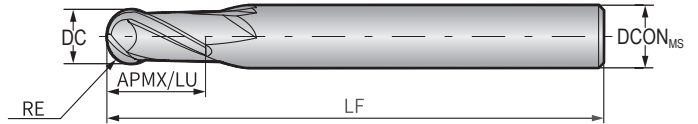
Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 球墨铸铁 Cast iron Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)			★	★				

★首选 First choice ☆可选 Good choice

铝合金通用系列 For aluminum alloy

2 刃球头立铣刀 2 Flutes Ball Nose End Mill



RE	R<3	R≥3
RE Tolerance	± 0.015	±0.02

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M5BGD1×2×d4×50L2F	●	1	2	2	4	50
M5BGD2×4×d4×50L2F	●	2	4	4	4	50
M5BGD3×6×d4×50L2F	●	3	6	6	4	50
M5BGD4×8×d4×50L2F	●	4	8	8	4	50
M5BGD6×12×d6×50L2F	●	6	12	12	6	50
M5BGD8×14×d8×60L2F	●	8	14	14	8	60
M5BGD10×18×d10×75L2F	●	10	18	18	10	75
M5BGD12×22×d12×75L2F	●	12	22	22	12	75

●标准库存 ○订单生产

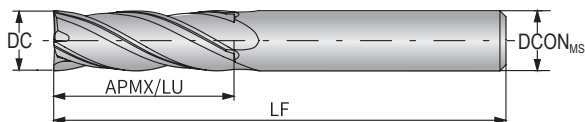
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)			★	★				

★首选 First choice ☆可选 Good choice

高硬材料通用型系列 30~60HRC For hardened material

4 刃长柄平头立铣刀 4 Flutes Long Shank Flat End Mill



DC	D≤6	6>D≤12	D>12
DC Tolerance	0~-0.01	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M7SGD4×10×d4×75L4CF	●	4	10	10	4	75
M7SGD6×15×d6×75L4CF	●	6	15	15	6	75
M7SGD8×20×d8×75L4CF	●	8	20	20	8	75
M7SGD8×20×d8×100L4CF	●	8	20	20	8	100
M7SGD10×25×d10×100L4CF	●	10	25	25	10	100
M7SGD12×30×d12×100L4CF	●	12	30	30	10	100

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

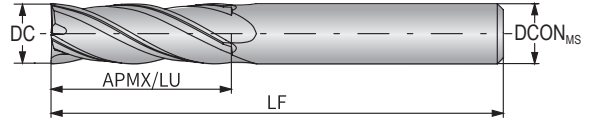
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	★	★	★	☆								

★首选 First choice ☆可选 Good choice

高硬材料通用型系列 30~60HRC For hardened material

4 刃平头立铣刀

4 Flutes Flat End Mill



DC	D≤6	6>D≤12	D>12
DC Tolerance	0~-0.01	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M7SGD1×2.5×d4×50L4F	●	1	2.5	2.5	4	50
M7SGD1.5×4×d4×50L4F	●	1.5	4	4	4	50
M7SGD2×5×d4×50L4F	●	2	5	5	4	50
M7SGD2.5×6×d4×50L4F	●	2.5	6	6	4	50
M7SGD3×8×d4×50L4F	●	3	8	8	4	50
M7SGD4×10×d4×50L4F	●	4	10	10	4	50
M7SGD6×15×d6×50L4F	●	6	15	15	6	50
M7SGD8×20×d8×60L4F	●	8	20	20	8	60
M7SGD10×25×d10×75L4F	●	10	25	25	10	75
M7SGD12×30×d12×75L4F	●	12	30	30	12	75

●标准库存 ○订单生产

切削材料推荐

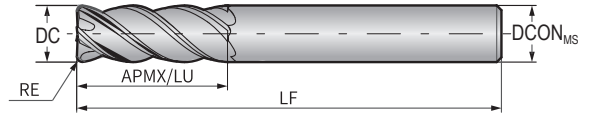
Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	★	★	★	☆								

★首选 First choice ☆可选 Good choice

高硬材料通用型系列 30~60HRC For hardened material

4 刃圆角头立铣刀 4 Flutes Corner Radius End Mill



DC	D≤6	6>D≤12	D>12
DC Tolerance	0~-0.01	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M7RGD1×R0.2×2.5×d4×50L4F	●	1	2.5	2.5	4	50
M7RGD2×R0.2×5×d4×50L4F	●	2	5	5	4	50
M7RGD2×R0.3×5×d4×50L4F	●	2	5	5	4	50
M7RGD2×R0.5×5×d4×50L4F	●	2	5	5	5	50
M7RGD3×R0.2×8×d4×50L4F	●	3	8	8	4	50
M7RGD3×R0.3×8×d4×50L4F	●	3	8	8	4	50
M7RGD4×R0.2×10×d4×50L4F	●	4	10	10	4	50
M7RGD4×R0.3×10×d4×50L4F	●	4	10	10	4	50
M7RGD4×R0.5×10×d4×50L4F	●	4	10	10	4	50
M7RGD4×R1×10×d4×50L4F	●	4	10	10	4	50
M7RGD5×R0.5×13×d6×50L4F	●	5	13	13	6	50
M7RGD6×R0.5×15×d6×50L4F	●	6	15	15	6	50
M7RGD6×R1×15×d6×50L4F	●	6	15	15	6	50
M7RGD8×R0.5×20×d8×60L4F	●	8	20	20	8	60
M7RGD8×R1×20×d8×60L4F	●	8	20	20	8	60
M7RGD10×R0.5×25×d10×75L4F	●	10	25	25	10	75
M7RGD10×R1×25×d10×75L4F	●	10	25	25	10	75
M7RGD12×R0.5×30×d12×75L4F	●	12	30	30	12	75
M7RGD12×R1×30×d12×75L4F	●	12	30	30	12	75

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

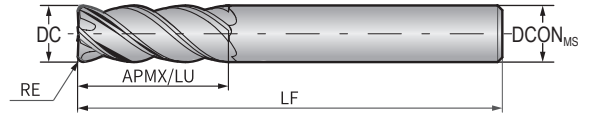
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	★	★	★	☆								

★首选 First choice ☆可选 Good choice

高硬材料通用型系列 30~60HRC For hardened material

4 刃长柄圆角头立铣刀

4 Flutes Long Shank Corner Radius End Mill



DC	D≤6	6>D≤12	D>12
DC Tolerance	0~-0.01	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M7RGD6×R0.5×15×d6×75L4CF	●	6	15	15	6	75
M7RGD6×R0.5×18×d6×100L4CF	●	6	15	15	6	100
M7RGD6×R1×15×d6×75L4CF	●	6	15	15	6	75
M7RGD8×R0.5×20×d8×75L4CF	●	8	20	20	8	75
M7RGD8×R0.5×20×d8×100L4CF	●	8	20	20	8	100
M7RGD8×R1×20×d8×75L4CF	●	8	20	20	8	75
M7RGD8×R1×20×d8×100L4CF	●	8	20	20	8	100
M7RGD10×R0.5×25×d10×100L4CF	●	10	25	25	10	100
M7RGD10×R1×25×d10×100L4CF	●	10	25	25	10	100
M7RGD12×R1×30×d12×100L4CF	●	12	30	30	12	100

●标准库存 ○订单生产

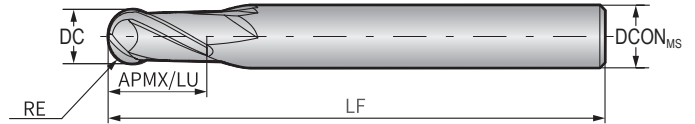
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	★	★	★	☆								

★首选 First choice ☆可选 Good choice

高硬材料通用型系列 30~60HRC For hardened material

2 刃球头立铣刀 2 Flutes Ball Nose End Mill



RE	R≤3	R>3
RE Tolerance	± 0.005	± 0.008

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M7BGD1×1.5×d4×50L2F	●	1	1.5	1.5	4	50
M7BGD1.5×2.5×d4×50L2F	●	1.5	2.5	2.5	4	50
M7BGD2×3×d4×50L2F	●	2	3	3	4	50
M7BGD3×4.5×d4×50L2F	●	3	4.5	4.5	3	50
M7BGD4×6×d4×50L2F	●	4	6	6	4	50
M7BGD6×9×d6×50L2F	●	6	9	9	6	50
M7BGD8×12×d8×60L2F	●	8	12	12	8	60
M7BGD10×15×d10×75L2F	●	10	15	15	10	75
M7BGD12×18×d12×75L2F	●	12	18	18	12	75

●标准库存 ○订单生产

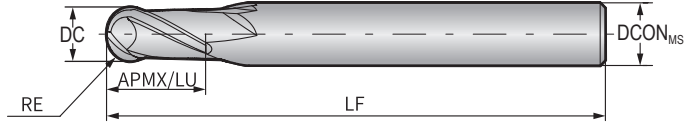
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	★	★	★	☆								

★首选 First choice ☆可选 Good choice

高硬材料通用型系列 30~60HRC For hardened material

2 刃长柄球头立铣刀 2 Flutes Long Shank Ball Nose End Mill



RE	R≤3	R>3
RE Tolerance	±0.005	±0.008

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M7BGD4×6×d4×75L2CF	●	4	6	6	4	75
M7BGD6×9×d6×75L2CF	●	6	9	9	6	75
M7BGD6×9×d6×100L2CF	●	6	9	9	6	100
M7BGD8×12×d8×75L2CF	●	8	12	12	8	75
M7BGD8×12×d8×100L2CF	●	8	12	12	8	100
M7BGD10×15×d10×100L2CF	●	10	15	15	10	100
M7BGD12×18×d12×100L2CF	●	12	18	18	12	100

●标准库存 ○订单生产

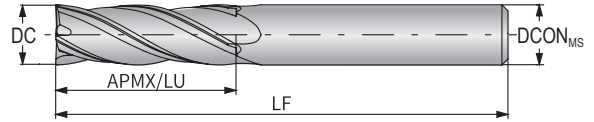
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	★	★	★	☆								

★首选 First choice ☆可选 Good choice

高硬材料高速型系列 45~65HRC For hardened material

4 刃平头立铣刀 4 Flutes Flat End Mill



DC	D≤6	6>D≤12	D>12
DC Tolerance	0~-0.01	0~-0.015	0~-0.025

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M7SED1×3×d4×50L4F	●	1	3	3	4	50
M7SED1×3×d6×50L4F	○	1	3	3	6	50
M7SED1.5×4×d4×50L4F	●	1.5	4	4	4	50
M7SED2×6×d4×50L4F	●	2	6	6	4	50
M7SED2.5×8×d4×50L4F	●	2.5	8	8	4	50
M7SED3×8×d4×50L4F	●	3	8	8	4	50
M7SED4×11×d4×50L4F	●	4	11	11	4	50
M7SED2×6×d6×50L4F	●	2	6	6	6	50
M7SED3×8×d6×50L4F	●	3	8	8	6	50
M7SED4×11×d6×50L4F	●	4	11	11	6	50
M7SED5×13×d6×50L4F	●	5	13	13	6	50
M7SED6×16×d6×50L4F	●	6	16	16	6	50
M7SED8×20×d8×60L4F	●	8	20	20	8	60
M7SED10×25×d10×75L4F	●	10	25	25	10	75
M7SED12×30×d12×75L4F	●	12	30	30	12	75

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

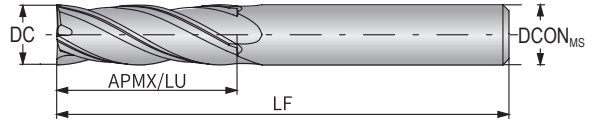
碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆	★	★	★								

★首选 First choice ☆可选 Good choice

高硬材料高速型系列 45~65HRC For hardened material

4 刃长柄平头立铣刀

4 Flutes Long Shank Flat End Mill



DC	D≤6	6>D≤12	D>12
DC Tolerance	0~-0.01	0~-0.015	0~-0.025

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M7SED4×13×d4×75L4CF	●	4	13	13	4	75
M7SED6×20×d6×75L4CF	●	6	20	20	6	75
M7SED6×20×d6×100L4CF	●	6	20	20	6	100
M7SED8×20×d8×75L4CF	●	8	25	25	8	75
M7SED8×20×d8×100L4CF	●	8	25	25	8	100
M7SED10×25×d10×100L4CF	●	10	30	30	10	100
M7SED12×35×d12×100L4CF	●	12	35	35	12	100

●标准库存 ○订单生产

切削材料推荐

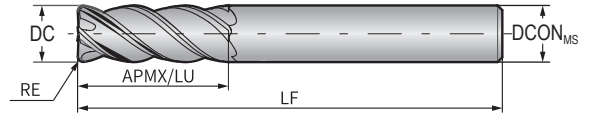
Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 球墨铸铁 Cast iron Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆	★	★	★								

★首选 First choice ☆可选 Good choice

高硬材料高速型系列 45~65HRC For hardened material

4 刃长柄圆角头立铣刀 4 Flutes Long Shank Corner Radius End Mill



	DC	D≤6	6>D≤12	D>12
DC Tolerance	0~-0.01	0~-0.015	0~-0.025	
RE Tolerance	±0.005	±0.007	±0.007	±0.007

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M7RED4×R0.5×10×d4×75L4CF	●	4	10	10	4	75
M7RED6×R0.2×18×d6×75L4CF	●	6	18	18	6	75
M7RED6×R0.5×18×d6×75L4CF	●	6	18	18	6	75
M7RED6×R0.5×18×d6×100L4CF	●	6	18	18	6	100
M7RED6×R1×18×d6×75L4CF	●	6	18	18	6	75
M7RED8×R0.5×24×d8×75L4CF	●	8	24	24	8	75
M7RED8×R0.5×24×d8×100L4CF	●	8	24	24	8	100
M7RED8×R1×24×d8×75L4CF	●	8	24	24	8	75
M7RED8×R1×24×d8×100L4CF	●	8	24	24	8	100
M7RED10×R0.5×30×d10×100L4CF	●	10	30	30	10	100
M7RED10×R1×30×d10×100L4CF	●	10	30	30	10	100
M7RED12×R0.5×36×d12×100L4CF	●	12	36	36	12	100
M7RED12×R1×36×d12×100L4CF	●	12	36	36	12	100

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

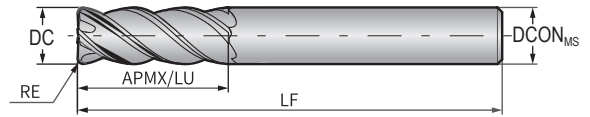
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆	★	★	★								

★首选 First choice ☆可选 Good choice

高硬材料高速型系列 45~65HRC For hardened material

4 刃圆角头立铣刀

4 Flutes Corner Radius End Mill



	DC	D≤6	6>D≤12	D>12
DC Tolerance	0 ~ -0.01	0 ~ -0.015	0 ~ -0.025	
RE Tolerance	±0.005	±0.007	±0.007	

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M7RED1×R0.2×2.5×d4×50L4F	●	1	2.5	2.5	4	50
M7RED1.5×R0.2×4×d4×50L4F	●	1.5	4	4	4	50
M7RED2×R0.2×5×d4×50L4F	●	2	5	5	4	50
M7RED2×R0.5×5×d4×50L4F	●	2	5	5	4	50
M7RED3×R0.2×8×d4×50L4F	●	3	8	8	4	50
M7RED3×R0.3×8×d4×50L4F	●	3	8	8	4	50
M7RED3×R0.5×8×d4×50L4F	●	3	8	8	4	50
M7RED4×R0.2×10×d4×50L4F	●	4	10	10	4	50
M7RED4×R0.3×10×d4×50L4F	●	4	10	10	4	50
M7RED4×R0.5×10×d4×50L4F	●	4	10	10	4	50
M7RED6×R0.2×16×d6×50L4F	●	6	16	16	6	50
M7RED6×R0.5×16×d6×50L4F	●	6	16	16	6	50
M7RED6×R1×16×d6×50L4F	●	6	16	16	6	50
M7RED8×R0.5×20×d8×60L4F	●	8	20	20	8	60
M7RED8×R1×20×d8×60L4F	●	8	20	20	8	60
M7RED10×R0.5×25×d10×75L4F	●	10	25	25	10	75
M7RED10×R1×25×d10×75L4F	●	10	25	25	10	75
M7RED12×R0.5×30×d12×75L4F	●	12	30	30	12	75
M7RED12×R1×30×d12×75L4F	●	12	30	30	12	75

●标准库存 ○订单生产

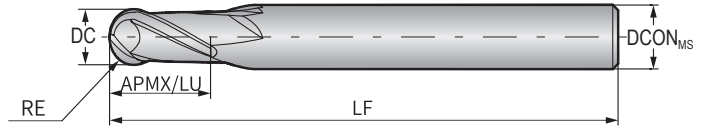
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆	★	★	★								

★首选 First choice ☆可选 Good choice

高硬材料高速型系列 45~65HRC For hardened material

2 刃球头立铣刀 2 Flutes Ball Nose End Mill



RE	R≤3	R>3
RE Tolerance	± 0.005	±0.007

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M7BED1×2×d4×50L2F	●	1	2	2	4	50
M7BED1.5×3×d4×50L2F	●	1.5	3	3	4	50
M7BED2×4×d4×50L2F	●	2	4	4	4	50
M7BED2.5×5×d4×50L2F	○	2.5	5	5	4	50
M7BED3×6×d4×50L2F	●	3	6	6	4	50
M7BED4×8×d4×50L2F	●	4	8	8	4	50
M7BED5×10×d6×50L2F	●	5	10	10	6	50
M7BED6×12×d6×50L2F	●	6	12	12	6	50
M7BED8×16×d8×60L2F	●	8	16	16	8	60
M7BED10×20×d10×75L2F	●	10	20	20	10	75
M7BED12×24×d12×75L2F	●	12	24	24	12	75

●标准库存 ○订单生产

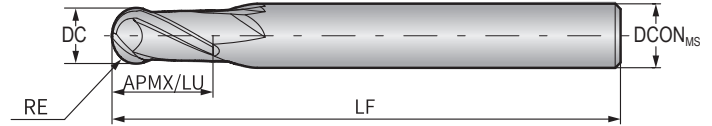
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆	★	★	★								

★首选 First choice ☆可选 Good choice

高硬材料高速型系列 45~65HRC For hardened material

2 刃长柄球头立铣刀 2 FluteS Long Shank Ball Nose End Mill



RE	R≤3	R>3
RE Tolerance	± 0.005	±0.007

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M7BED4×8×d4×75L2CF	●	4	8	8	4	75
M7BED6×12×Ld6×75L2CF	●	6	12	12	6	75
M7BED6×12×d6×100L2CF	●	6	12	12	6	100
M7BED8×16×d8×75L2CF	●	8	16	16	8	75
M7BED8×16×d8×100L2CF	●	8	16	16	8	100
M7BED10×20×d10×100L2CF	●	10	20	20	10	100
M7BED12×24×d12×100L2CF	●	12	24	24	12	100

●标准库存 ○订单生产

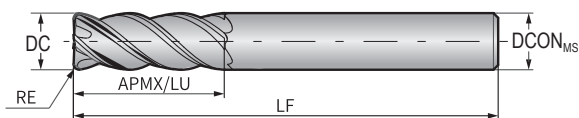
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆	★	★	★								

★首选 First choice ☆可选 Good choice

高温合金通用型系列 For high-temperature alloy

4 刃不等齿距圆角头立铣刀 4 Flutes Uneven Pitch Corner Radius End Mill



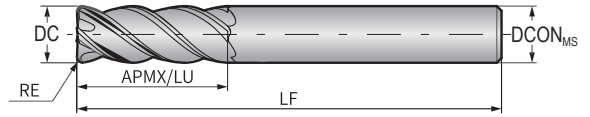
DC	D≤12	D>12
DC Tolerance	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M6RGD1×R0.1×3×d4×50L4F	●	1	3	3	4	50
M6RGD1×R0.1×3×d6×50L4F	○	1	3	3	6	50
M6RGD1.5×R0.1×4.5×d4×50L4F	●	1.5	4.5	4.5	4	50
M6RGD1.5×R0.1×4.5×d6×50L4F	●	1.5	4.5	4.5	6	50
M6RGD2×R0.2×6×d4×50L4F	○	2	6	6	4	50
M6RGD2×R0.2×6×d6×50L4F	●	2	6	6	6	50
M6RGD2×R0.5×6×d4×50L4F	●	2	6	6	4	50
M6RGD2×R0.5×6×d6×50L4F	●	2	6	6	6	50
M6RGD3×R0.2×8×d4×50L4F	●	3	8	8	4	50
M6RGD3×R0.2×8×d6×50L4F	●	3	8	8	6	50
M6RGD3×R0.5×8×d4×50L4F	●	3	8	8	4	50
M6RGD3×R0.5×8×d6×50L4F	●	3	8	8	6	50
M6RGD4×R0.2×11×d4×50L4F	●	4	11	11	4	50
M6RGD4×R0.2×11×d6×50L4F	●	4	11	11	6	50
M6RGD4×R0.5×11×d4×50L4F	○	4	11	11	4	50
M6RGD4×R0.5×11×d6×50L4F	●	4	11	11	6	50
M6RGD5×R0.2×13×d6×50L4F	●	5	13	13	6	50
M6RGD5×R0.5×13×d6×50L4F	●	5	13	13	6	50
M6RGD6×R0.2×15×d6×50L4F	●	6	15	15	6	50
M6RGD6×R0.5×15×d6×50L4F	●	6	15	15	6	50
M6RGD6×R1×15×d6×50L4F	●	6	15	15	6	50
M6RGD6×R1.5×15×d6×50L4F	●	6	15	15	6	50
M6RGD6×R2×15×d6×50L4F	○	6	15	15	6	50
M6RGD8×R0.2×20×d8×60L4F	●	8	20	20	8	60
M6RGD8×R0.5×20×d8×60L4F	●	8	20	20	8	60
M6RGD8×R1×20×d8×60L4F	●	8	20	20	8	60
M6RGD8×R1.5×20×d8×60L4F	●	8	20	20	8	60
M6RGD8×R2×20×d8×60L4F	●	8	20	20	8	60
M6RGD10×R0.2×25×d10×75L4F	●	10	25	25	10	75
M6RGD10×R0.5×25×d10×75L4F	●	10	25	25	10	75
M6RGD10×R1×22×d10×72L4F	●	10	22	22	10	72
M6RGD10×R1×25×d10×75L4F	●	10	25	25	10	75
M6RGD10×R1.5×25×d10×75L4F	●	10	25	25	10	75
M6RGD10×R2×25×d10×75L4F	●	10	25	25	10	75
M6RGD10×R2.5×25×d10×75L4F	●	10	25	25	10	75
M6RGD12×R0.2×26×d12×83L4F	●	12	26	26	12	83
M6RGD12×R0.5×26×d12×83L4F	●	12	26	26	12	83
M6RGD12×R1×26×d12×83L4F	●	12	26	26	12	83
M6RGD12×R1.5×26×d12×83L4F	●	12	26	26	12	83
M6RGD12×R2×26×d12×83L4F	●	12	26	26	12	83
M6RGD12×R2.5×26×d12×83L4F	●	12	26	26	12	83
M6RGD12×R3×26×d12×83L4F	●	12	26	26	12	83
M6RGD16×R0.2×32×d16×92L4F	●	16	32	32	16	92
M6RGD16×R0.5×32×d16×92L4F	●	16	32	32	16	92

高温合金通用型系列 For high-temperature alloy

4 刃不等齿距圆角头立铣刀

4 Flutes Uneven Pitch Corner Radius End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M6RGD16×R1×32×d16×92L4F	●	16	32	32	16	92
M6RGD16×R1.5×32×d16×92L4F	○	16	32	32	16	92
M6RGD16×R2×32×d16×92L4F	○	16	32	32	16	92
M6RGD16×R2.5×32×d16×92L4F	○	16	32	32	16	92
M6RGD16×R3×32×d16×92L4F	●	16	32	32	16	92
M6RGD16×R4×32×d16×92L4F	○	16	32	32	16	92
M6RGD18×R1×32×d18×92L4F	○	18	32	32	18	92
M6RGD20×R0.2×38×d20×100L4F	●	20	38	38	20	100
M6RGD20×R1×38×d20×100L4F	●	20	38	38	20	100
M6RGD20×R2×38×d20×100L4F	●	20	38	38	20	100
M6RGD20×R3×38×d20×100L4F	●	20	38	38	20	100

●标准库存 ○订单生产

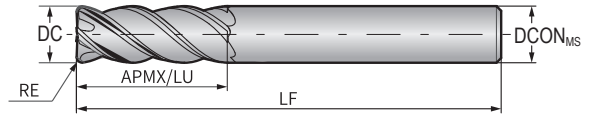
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆				☆					☆	★	

★首选 First choice ☆可选 Good choice

高温合金通用型系列 For high-temperature alloy

4 刃长柄不等齿距圆角头立铣刀 4 Flutes Long Shank Uneven Pitch Corner Radius End Mill



DC	D≤12	D>12
DC Tolerance	0~-0.03	0~-0.04

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M6RGD8×R1×20×d8×75L4CF	●	8	20	20	8	75
M6RGD8×R2×20×d8×75L4CF	○	8	20	20	8	75
M6RGD10×R1×25×d10×100L4CF	●	10	25	25	10	100
M6RGD10×R2×25×d10×100L4CF	○	10	25	25	10	100
M6RGD12×R0.2×26×d12×100L4CF	○	12	26	26	12	100
M6RGD12×R1×26×d12×100L4CF	●	12	26	26	12	100
M6RGD12×R2×26×d12×100L4CF	○	12	26	26	12	100
M6RGD16×R1×32×d16×110L4CF	●	16	32	32	16	110
M6RGD16×R2×32×d16×110L4CF	●	16	32	32	16	110
M6RGD16×R3×32×d16×110L4CF	●	16	32	32	16	110
M6RGD16×R4×32×d16×110L4CF	●	16	32	32	16	110

●标准库存 standard stock ○订单生产 Make to order

切削材料推荐 Cutting material recommendation

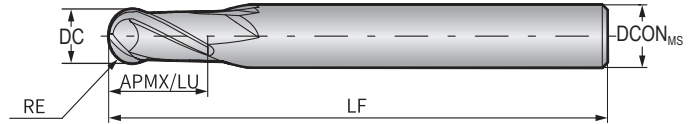
碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆				☆					☆	★	

★首选 First choice ☆可选 Good choice

高温合金通用型系列 For high-temperature alloy

4 刃不等齿距球头立铣刀

4 Flutes Uneven Pitch Ball Nose End Mill



RE	R<2	2≤R<3	R≥3
RE Tolerance	±0.010	±0.015	±0.02

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M6BGD2×R1×4×d4×50L4F	●	2	4	4	4	50
M6BGD2×R1×4×d6×50L4F	●	2	4	4	6	50
M6BGD3×R1.5×6×d4×50L4F	●	3	6	6	4	50
M6BGD3×R1.5×6×d6×50L4F	●	3	6	6	6	50
M6BGD4×R2×8×d4×50L4F	●	4	8	8	4	50
M6BGD4×R2×8×d6×50L4F	●	4	8	8	6	50
M6BGD5×R2.5×10×d6×50L4F	●	5	10	10	6	50
M6BGD6×R3×12×d6×50L4F	●	6	12	12	6	50
M6BGD8×R4×14×d8×60L4F	●	8	14	14	8	60
M6BGD10×R5×18×d10×75L4F	●	10	18	18	10	75
M6BGD12×R6×22×d12×75L4F	●	12	22	22	12	75

●标准库存 ○订单生产

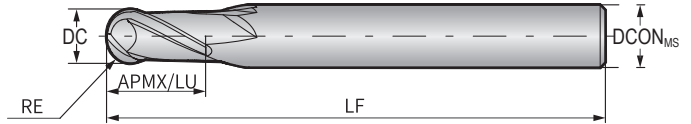
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆				☆					☆	★	

★首选 First choice ☆可选 Good choice

高温合金通用型系列 For high-temperature alloy

4 刃长柄不等齿距球头立铣刀 4 Flutes Uneven Pitch Ball Nose End Mill



DC	R≥3	-
DC Tolerance	0± 0.02	-

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M6BGD8×R4×14×d8×75L4CF	●	8	14	14	8	75
M6BGD10×R5×18×d10×100L4CF	●	10	18	18	10	100
M6BGD12×R6×22×d12×100L4CF	●	12	22	22	12	100

● 标准库存 standard stock ○ 订单生产 Make to order

切削材料推荐 Cutting material recommendation

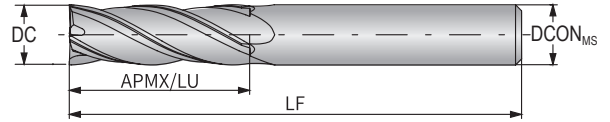
碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
☆	☆				☆					☆	★	

★ 首选 First choice ☆ 可选 Good choice

石墨高速型系列 For graphite

2 刃平头立铣刀

2 Flutes Flat End Mill



DC	D<6	6≤D≤12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M9SED0.4×0.8×d4×50L2F	○	0.4	0.8	0.8	4	50
M9SED0.8×2×d4×50L2F	●	0.8	2	2	4	50
M9SED1×3×d4×50L2F	●	1	3	3	4	50
M9SED1.5×4×d4×50L2F	●	1.5	4	4	4	50
M9SED2×6×d4×50L2F	●	2	6	6	4	50
M9SED2×8×d4×75L2F	○	2	8	8	4	75
M9SED3×9×d4×50L2F	●	3	9	9	4	50
M9SED3×12×d4×75L2F	●	3	12	12	4	75
M9SED3×9×d6×50L2F	○	3	9	9	6	50
M9SED4×11×d4×50L2F	●	4	11	11	4	50
M9SED4×16×d4×75L2F	○	4	16	16	4	75
M9SED4×11×d6×50L2F	○	4	11	11	6	50
M9SED5×13×d6×50L2F	○	5	13	13	6	50
M9SED5×20×d6×100L2F	○	5	20	20	6	100
M9SED6×16×d6×50L2F	○	6	16	16	6	50
M9SED6×25×d6×100L2F	○	6	25	25	6	100
M9SED8×20×d8×60L2F	●	8	20	20	8	60
M9SED10×25×d10×75L2F	○	10	25	25	10	75
M9SED12×30×d12×75L2F	○	12	30	30	12	75

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

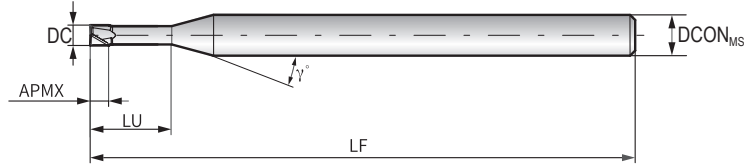
碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
									☆	☆	★	

★首选 First choice ☆可选 Good choice

石墨高速型系列 For graphite

2 刃长颈平头立铣刀

2 Flutes Long Neck Flat End Mill



DC	D<6	6≤D≤12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M9SED1×3×5NL×d4×50L2F	●	1	3	5	4	50
M9SED1×3×6NL×d4×50L2F	●	1	3	6	4	50
M9SED1×3×20NL×d4×60L2F	●	1	3	20	4	60
M9SED1.5×6×10NL×d4×50L2F	●	1.5	6	10	4	50
M9SED1.5×6×20NL×d4×60L2F	●	1.5	6	20	4	60
M9SED2×8×15NL×d4×50L2F	●	2	8	15	4	50
M9SED2×8×20NL×d4×50L2F	○	2	8	20	4	50
M9SED2×8×30NL×d4×75L2F	●	2	8	30	4	75
M9SED3×12×15NL×d4×50L2F	●	3	12	15	4	50
M9SED3×12×30NL×d4×75L2F	●	3	12	30	4	75
M9SED4×16×20NL×d4×50L2F	●	4	16	20	4	50
M9SED4×16×25NL×d4×75L2F	●	4	16	25	4	75
M9SED4×16×40NL×d4×75L2F	●	4	16	40	4	75
M9SED5×20×30NL×d6×75L2F	○	5	20	30	6	75
M9SED6×24×30NL×d6×75L2F	○	6	24	30	6	75
M9SED6×24×40NL×d6×75L2F	●	6	24	40	6	75
M9SED8×25×40NL×d8×100L2F	○	8	25	40	8	100
M9SED10×25×40NL×d10×100L2F	●	10	25	40	10	100
M9SED12×25×40NL×d12×100L2F	○	12	25	40	12	100
M9SED12×25×60NL×d12×100L2F	○	12	25	60	12	100

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

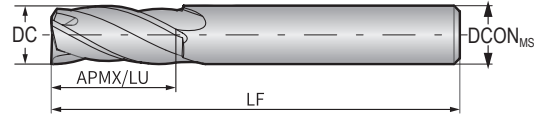
碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
							☆	☆	★			

★首选 First choice ☆可选 Good choice

石墨高速型系列 For graphite

3 刃平头立铣刀

3 Flutes Flat End Mill



DC	D<6	6≤D≤12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	APMX	LU	DCON _{MS}	LF	
M9SED1×3×d4×50L3F	○	1	3	3	4	50	
M9SED1.5×4×d4×50L3F	●	1.5	4	4	4	50	
M9SED1.5×6×d4×60L3F	○	1.5	6	6	4	60	
M9SED2×6×d4×50L3F	●	2	6	6	4	50	
M9SED2×10×d4×60L3F	●	2	10	10	4	60	
M9SED3×9×d4×50L3F	●	3	9	9	4	50	
M9SED3×15×d4×60L3F	●	3	15	15	4	60	
M9SED3×9×d6×50L3F	○	3	9	9	6	50	
M9SED4×11×d4×50L3F	●	4	11	11	4	50	
M9SED4×20×d4×75L3F	○	4	20	20	4	75	
M9SED4×11×d6×50L3F	●	4	11	11	6	50	
M9SED5×13×d6×50L3F	○	5	13	13	6	50	
M9SED6×16×d6×50L3F	●	6	16	16	6	50	
M9SED6×18×d6×75L3F	○	6	18	18	6	75	
M9SED6×25×d6×100L3F	○	6	25	25	6	100	
M9SED8×20×d8×60L3F	●	8	20	20	8	60	
M9SED8×35×d8×100L3F	○	8	35	35	8	100	
M9SED10×25×d10×75L3F	●	10	25	25	10	75	
M9SED10×40×d10×100L3F	○	10	40	40	10	100	
M9SED12×30×d12×75L3F	○	12	30	30	12	75	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

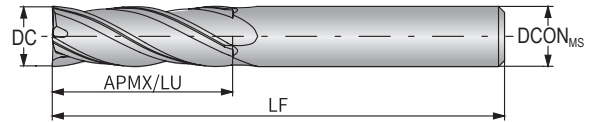
碳素钢 Carbon steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
预硬钢 Pre-hardened steel	工具钢 Tool steel	(45-55HRC)	(55-60HRC)	(> 60HRC)	球墨铸铁 Nodular cast iron	☆	☆	★				
(HRC < 35)	(HRC ≤ 48)											

★首选 First choice ☆可选 Good choice

石墨高速型系列 For graphite

4 刃平头立铣刀

4 Flutes Flat End Mill



DC	D<6	6≤D≤12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M9SED2×6×d4×50L4F	●	2	6	6	4	50
M9SED2×10×d4×60L4F	●	2	10	10	4	60
M9SED3×9×d4×50L4F	●	3	9	9	4	50
M9SED3×15×d4×60L4F	●	3	15	15	4	60
M9SED3×9×d6×50L4F	○	3	9	9	6	50
M9SED4×11×d4×50L4F	●	4	11	11	4	50
M9SED4×20×d4×75L4F	●	4	20	20	4	75
M9SED4×11×d6×50L4F	●	4	11	11	6	50
M9SED5×13×d6×50L4F	●	5	13	13	6	50
M9SED6×16×d6×50L4F	●	6	16	16	6	50
M9SED6×25×d6×100L4F	●	6	25	25	6	100
M9SED8×20×d8×60L4F	●	8	20	20	8	60
M9SED8×25×d8×100L4F	●	8	25	25	8	100
M9SED10×25×d10×75L4F	●	10	25	25	10	75
M9SED10×40×d10×100L4F	○	10	40	40	10	100
M9SED12×30×d12×75L4F	●	12	30	30	12	75
M9SED12×45×d12×100L4F	○	12	45	45	12	100

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

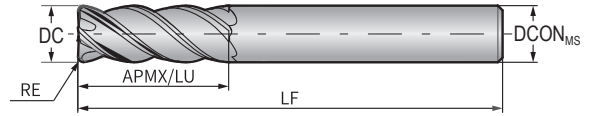
碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
							☆	☆	★			

★首选 First choice ☆可选 Good choice

石墨高速型系列 For graphite

4 刃圆角头立铣刀

4 Flutes Corner Radius End Mill



DC	D<6	6≤D≤12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M9RED2×R0.2×3.5×d4×50L4F	○	2	3.5	3.5	4	50
M9RED2×R0.5×3.5×d4×60L4F	○	2	3.5	3.5	4	60
M9RED3×R0.2×4×d4×50L4F	●	3	4	4	4	50
M9RED3×R0.5×4×d4×75L4F	●	3	4	4	4	75
M9RED3×R1×4×d4×75L4F	●	3	4	4	4	75
M9RED4×R0.2×6×d4×50L4F	●	4	6	6	4	50
M9RED4×R1×6×d4×50L4F	●	4	6	6	4	50
M9RED5×R0.3×7×d6×50L4F	○	5	7	7	6	50
M9RED6×R0.5×9×d6×50L4F	●	6	9	9	6	50
M9RED6×R1×9×d6×50L4F	○	6	9	9	6	50
M9RED8×R0.5×12×d8×60L4F	○	8	12	12	8	60
M9RED8×R1×12×d8×60L4F	○	8	12	12	8	60
M9RED10×R0.5×15×d10×75L4F	○	10	15	15	10	75
M9RED10×R1×15×d10×75L4F	○	10	15	15	10	75
M9RED12×R0.5×18×d12×75L4F	○	12	18	18	12	75
M9RED12×R1×18×d12×75L4F	○	12	18	18	12	75
M9RED16×R1×36×d16×100L4F	●	16	36	36	16	100

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

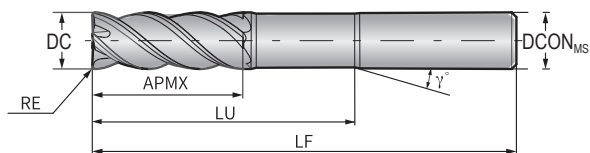
碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
										☆	☆	★

★首选 First choice ☆可选 Good choice

石墨高速型系列 For graphite

4 刃长颈圆角头立铣刀

4 Flutes Long Neck Corner Radius End Mill



DC	D<6	6≤D≤12
DC Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M9RED2×R0.2×3.5×6NL×d4×50L4F	●	2	3.5	6	4	50
M9RED2×R0.3×3.5×30NL×d4×60L4F	●	2	3.5	30	4	60
M9RED2×R0.5×3.5×30NL×d4×60L4F	●	2	3.5	30	4	60
M9RED3×R0.2×4×10NL×d4×50L4F	●	3	4	10	4	50
M9RED3×R0.3×4×20NL×d4×50L4F	○	3	4	20	4	50
M9RED3×R0.5×4×20NL×d4×75L4F	○	3	4	20	4	75
M9RED3×R1×4×20NL×d4×75L4F	●	3	4	20	4	75
M9RED4×R0.2×6×20NL×d4×75L4F	●	4	6	20	4	75
M9RED4×R0.5×6×20NL×d4×50L4F	●	4	6	20	4	50
M9RED4×R1×6×20NL×d4×50L4F	●	4	6	20	4	50
M9RED6×R0.5×9×25NL×d6×75L4F	●	6	9	25	6	75
M9RED6×R1×9×25NL×d6×75L4F	●	6	9	25	6	75
M9RED8×R0.5×12×30NL×d8×100L4F	●	8	12	30	8	100
M9RED8×R1×12×30NL×d8×100L4F	●	8	12	30	8	100
M9RED10×R0.5×15×45NL×d10×100L4F	●	10	15	45	10	100
M9RED10×R1×15×35NL×d10×100L4F	●	10	15	35	10	100
M9RED12×R0.5×18×40NL×d12×100L4F	●	12	18	40	12	100
M9RED12×R1×18×40NL×d12×100L4F	●	12	18	40	12	100

●标准库存 ○订单生产

切削材料推荐

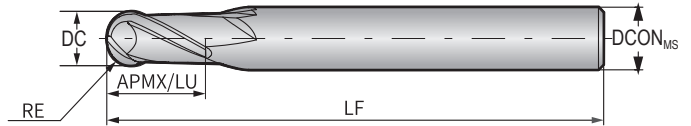
Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
							☆	☆	★			

★首选 First choice ☆可选 Good choice

石墨高速型系列 For graphite

2 刃球头立铣刀 2 Flutes Ball Nose End Mill



RE	D<3	3≤R≤6
RE Tolerance	0~-0.02	0~-0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{Ms}	LF
M9BED0.5×R0.25×2×d4×50L2F	●	0.5	2	2	4	50
M9BED0.6×R0.3×2×d4×50L2F	●	0.6	2	2	4	50
M9BED0.8×R0.4×3×d4×50L2F	○	0.8	3	3	4	50
M9BED1×R0.5×2×d4×50L2F	●	1	2	2	4	50
M9BED1.5×R0.75×3×d4×50L2F	●	1.5	3	3	4	50
M9BED2×R1×4×d4×50L2F	●	2	4	4	4	50
M9BED2×R1×6×d4×60L2F	●	2	6	6	4	60
M9BED3×R1.5×6×d4×50L2F	●	3	6	6	4	50
M9BED3×R1.5×8×d4×60L2F	●	3	8	8	4	60
M9BED4×R2×8×d4×50L2F	●	4	8	8	4	50
M9BED4×R2×16×d4×60L2F	●	4	16	16	4	60
M9BED5×R2.5×10×d6×50L2F	○	5	10	10	6	50
M9BED6×R3×12×d6×50L2F	●	6	12	12	6	50
M9BED8×R4×14×d8×60L2F	●	8	14	14	8	60
M9BED10×R5×18×d10×75L2F	●	10	18	18	10	75
M9BED12×R6×22×d12×75L2F	●	12	22	22	12	75

●标准库存 ○订单生产

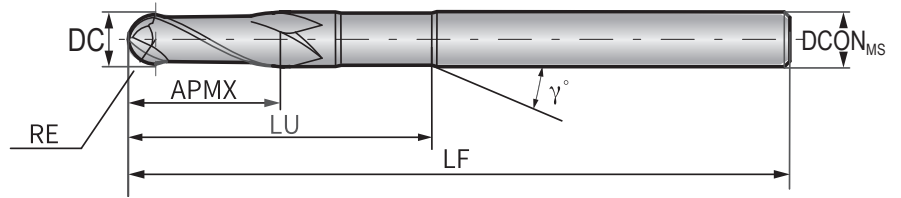
切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel 预硬钢 工具钢 Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)								
							☆	☆	★			

★首选 First choice ☆可选 Good choice

石墨高速型系列 For graphite

2 刃长颈球头立铣刀 2 Flutes Ball Nose End Mill



RE	D<3	3≤R≤6
RE Tolerance	0 ~ -0.02	0 ~ -0.03

型号 Model	库存 Stock	尺寸 Dimension/mm				
		DC	APMX	LU	DCON _{MS}	LF
M9BED0.5×R0.25×2×8NL×d4×50L2F	○	0.5	2	8	4	50
M9BED1×R0.5×3×10NL×d4×50L2F	●	1	3	10	4	50
M9BED1×R0.5×3×15NL×d4×60L2F	●	1	3	15	4	60
M9BED1×R0.5×3×20NL×d4×60L2F	●	1	3	20	4	60
M9BED1.5×R0.75×3×15NL×d4×50L2F	●	1.5	3	15	4	50
M9BED2×R1×6×15NL×d4×75L2F	●	2	6	15	4	75
M9BED2×R1×4×20NL×d4×75L2F	●	2	4	20	4	75
M9BED2×R1×6×30NL×d4×75L2F	●	2	6	30	4	75
M9BED3×R1.5×6×15NL×d4×50L2F	●	3	6	15	4	50
M9BED3×R1.5×6×20NL×d4×75L2F	●	3	6	20	4	75
M9BED4×R2×8×12NL×d4×60L2F	●	4	8	12	4	60
M9BED4×R2×8×20NL×d4×60L2F	●	4	8	20	4	60
M9BED6×R3×12×18NL×d6×75L2F	○	6	12	18	6	75
M9BED6×R3×16×25NL×d6×75L2F	○	6	16	25	6	75
M9BED6×R3×12×30NL×d6×75L2F	●	6	12	30	6	75
M9BED8×R4×14×24NL×d8×100L2F	○	8	14	24	8	100
M9BED8×R4×20×30NL×d8×100L2F	○	8	20	30	8	100
M9BED8×R4×14×40NL×d8×100L2F	○	8	14	40	8	100
M9BED10×R5×18×30NL×d10×100L2F	●	10	18	30	10	100
M9BED10×R5×22×40NL×d10×100L2F	○	10	22	40	10	100
M9BED10×R5×18×50NL×d10×100L2F	○	10	18	50	10	100
M9BED12×R6×22×35NL×d12×100L2F	○	12	22	35	12	100
M9BED12×R6×22×50NL×d12×100L2F	○	12	22	50	12	100

●标准库存 ○订单生产

切削材料推荐 Cutting material recommendation

碳素钢 合金钢 Carbon steel Alloy steel Pre-hardened steel Tool steel	合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, hardened steel			不锈钢 Stainless steel	铸铁 Cast iron 球墨铸铁 Nodular cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	耐热合金 heat resistant alloy	塑料 Plastic
(HRC < 35)	(HRC ≤ 48)	(45-55HRC)	(55-60HRC)	(> 60HRC)			☆	☆	★			

★首选 First choice ☆可选 Good choice

刀具切削参数 Tool Cutting Parameters

普通钢通用型系列 48HRC 以内
Steel universal series

钢件、铸铁——侧铣
Steel, cast iron-side milling

工件材料 workpiece materials		vc m/min	刃径 (mm)	3		4		6		8		10		12		16		20	
P	碳合金钢 (< 35HRC)	180	转速 (min-1)	19110	ap≤ 1.5D	14330	ap≤ 1.5D	9550	ap≤ 1.5D	7170	ap≤ 1.5D	5730	ap≤ 1.5D	4780	ap≤ 1.5D	3580	ap≤ 1.5D	2870	ap≤ 1.5D
			进给速度 (mm/min)	2140	ae≤ 0.15D	2060	ae≤ 0.15D	1830	ae≤ 0.15D	1860	ae≤ 0.15D	1830	ae≤ 0.15D	1720	ae≤ 0.15D	1720	ae≤ 0.15D	1720	ae≤ 0.15D
	合金钢 (35-48HRC)	130	转速 (min-1)	13800	ap≤ 1D	10350	ap≤ 1D	6900	ap≤ 1D	5180	ap≤ 1D	4140	ap≤ 1D	3450	ap≤ 1D	2590	ap≤ 1D	2070	ap≤ 1D
			进给速度 (mm/min)	1210	ae≤ 0.12D	1160	ae≤ 0.12D	1100	ae≤ 0.12D	1240	ae≤ 0.12D	1130	ae≤ 0.12D	1010	ae≤ 0.12D	830	ae≤ 0.12D	750	ae≤ 0.12D
M	不锈钢	130	转速 (min-1)	13800	ap≤ 1.5D	10350	ap≤ 1.5D	6900	ap≤ 1.5D	5180	ap≤ 1.5D	4140	ap≤ 1.5D	3450	ap≤ 1.5D	2590	ap≤ 1.5D	2070	ap≤ 1.5D
			进给速度 (mm/min)	1380	ae≤ 0.15D	1330	ae≤ 0.15D	1190	ae≤ 0.15D	1300	ae≤ 0.15D	1230	ae≤ 0.15D	1170	ae≤ 0.15D	980	ae≤ 0.15D	910	ae≤ 0.15D
k	灰铸铁 球墨铸铁 (< 32HRC)	160	转速 (min-1)	16990	ap≤ 1.5D	12740	ap≤ 1.5D	8490	ap≤ 1.5D	6370	ap≤ 1.5D	5100	ap≤ 1.5D	4250	ap≤ 1.5D	3190	ap≤ 1.5D	2550	ap≤ 1.5D
			进给速度 (mm/min)	1700	ae≤ 0.15D	1630	ae≤ 0.15D	1630	ae≤ 0.15D	1500	ae≤ 0.15D	1410	ae≤ 0.15D	1360	ae≤ 0.15D	1210	ae≤ 0.15D	1120	ae≤ 0.15D
	高合金铸铁 (35-45HRC)	140	转速 (min-1)	14860	ap≤ 1D	11150	ap≤ 1D	7430	ap≤ 1D	5570	ap≤ 1D	4460	ap≤ 1D	3720	ap≤ 1D	2790	ap≤ 1D	2230	ap≤ 1D
			进给速度 (mm/min)	1310	ae≤ 0.12D	1340	ae≤ 0.12D	1340	ae≤ 0.12D	1250	ae≤ 0.12D	1160	ae≤ 0.12D	1120	ae≤ 0.12D	1000	ae≤ 0.12D	910	ae≤ 0.12D

普通钢通用型系列 48HRC 以内
Steel universal series

钢件、铸铁——仿形铣
Steel, cast iron-profile milling

工件材料 workpiece materials		vc m/min	刃径 (mm)	4		5		6		7		8		9		10		11				
P	碳合金钢 (< 35HRC)	160	转速 (min-1)	12740	ap≤ 0.2D	10190	ap≤ 0.2D	8490	ap≤ 0.2D	7280	ap≤ 0.2D	6370	ap≤ 0.2D	5660	ap≤ 0.2D	5100	ap≤ 0.2D	4630	ap≤ 0.2D	4250	ap≤ 0.2D	
			进给速度 (mm/min)	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020	ae≤ 0.3D	1020
	合金钢 (35-45HRC)	120	转速 (min-1)	9550	ap≤ 0.15D	7640	ap≤ 0.15D	6370	ap≤ 0.15D	5460	ap≤ 0.15D	4780	ap≤ 0.15D	4250	ap≤ 0.15D	3820	ap≤ 0.15D	3470	ap≤ 0.15D	3190	ap≤ 0.15D	
			进给速度 (mm/min)	610	ae≤ 0.15D	640	ae≤ 0.15D	660	ae≤ 0.15D	630	ae≤ 0.15D	620	ae≤ 0.15D	610	ae≤ 0.15D	610	ae≤ 0.15D	610	ae≤ 0.15D	610	ae≤ 0.15D	610
M	不锈钢	110	转速 (min-1)	8760	ap≤ 0.2D	7010	ap≤ 0.2D	5840	ap≤ 0.2D	5010	ap≤ 0.2D	4380	ap≤ 0.2D	3890	ap≤ 0.2D	3500	ap≤ 0.2D	3190	ap≤ 0.2D	2920	ap≤ 0.2D	
			进给速度 (mm/min)	610	ae≤ 0.2D	630	ae≤ 0.2D	640	ae≤ 0.2D	630	ae≤ 0.2D	630	ae≤ 0.2D	620	ae≤ 0.2D	630	ae≤ 0.2D	640	ae≤ 0.2D	640	ae≤ 0.2D	640
k	灰铸铁 球墨铸铁 (< 32HRC)	140	转速 (min-1)	11150	ap≤ 0.2D	8920	ap≤ 0.2D	7430	ap≤ 0.2D	6370	ap≤ 0.2D	5570	ap≤ 0.2D	4950	ap≤ 0.2D	4460	ap≤ 0.2D	4050	ap≤ 0.2D	3720	ap≤ 0.2D	
			进给速度 (mm/min)	780	ae≤ 0.2D	800	ae≤ 0.2D	820	ae≤ 0.2D	800	ae≤ 0.2D	800	ae≤ 0.2D	790	ae≤ 0.2D	800	ae≤ 0.2D	810	ae≤ 0.2D	820	ae≤ 0.2D	820
	高合金铸铁 (35-45HRC)	120	转速 (min-1)	9550	ap≤ 0.1D	7640	ap≤ 0.1D	6370	ap≤ 0.1D	5460	ap≤ 0.1D	4780	ap≤ 0.1D	4250	ap≤ 0.1D	3820	ap≤ 0.1D	3470	ap≤ 0.1D	3190	ap≤ 0.1D	
			进给速度 (mm/min)	610	ae≤ 0.1D	640	ae≤ 0.1D	660	ae≤ 0.1D	660	ae≤ 0.1D	670	ae≤ 0.1D	650	ae≤ 0.1D	650	ae≤ 0.1D	660	ae≤ 0.1D	670	ae≤ 0.1D	

刀具切削参数 Tool Cutting Parameters

普通钢高效型系列 48HRC 以内
Steel high efficiency series

钢件、铸铁——侧铣
Steel cast iron-side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	3		4		6		8		10		12		16		20	
P	碳合金钢 ($< 35\text{HRC}$)	200	转速 (min^{-1})	21230	$ap \leq 1.5D$	15920	$ap \leq 1.5D$	10620	$ap \leq 1.5D$	7960	$ap \leq 1.5D$	6370	$ap \leq 1.5D$	5310	$ap \leq 1.5D$	3980	$ap \leq 1.5D$	3190	$ap \leq 1.5D$
			进给速度 (mm/min)	2040	$ae \leq 0.15D$	1960	$ae \leq 0.15D$	1690	$ae \leq 0.15D$	1670	$ae \leq 0.15D$	1620	$ae \leq 0.15D$	1590	$ae \leq 0.15D$	1490	$ae \leq 0.15D$	1480	$ae \leq 0.15D$
	合金钢 ($35\text{--}45\text{HRC}$)	150	转速 (min^{-1})	15920	$ap \leq 1D$	11940	$ap \leq 1D$	7960	$ap \leq 1D$	5970	$ap \leq 1D$	4780	$ap \leq 1D$	3980	$ap \leq 1D$	2990	$ap \leq 1D$	2390	$ap \leq 1D$
			进给速度 (mm/min)	1290	$ae \leq 0.12D$	1180	$ae \leq 0.12D$	1080	$ae \leq 0.12D$	1160	$ae \leq 0.12D$	1050	$ae \leq 0.12D$	930	$ae \leq 0.12D$	760	$ae \leq 0.12D$	680	$ae \leq 0.12D$
M	不锈钢	150	转速 (min^{-1})	15920	$ap \leq 1.5D$	11940	$ap \leq 1.5D$	7960	$ap \leq 1.5D$	5970	$ap \leq 1.5D$	4780	$ap \leq 1.5D$	3980	$ap \leq 1.5D$	2990	$ap \leq 1.5D$	2390	$ap \leq 1.5D$
			进给速度 (mm/min)	1580	$ae \leq 0.15D$	1330	$ae \leq 0.15D$	1150	$ae \leq 0.15D$	1220	$ae \leq 0.15D$	1130	$ae \leq 0.15D$	1080	$ae \leq 0.15D$	900	$ae \leq 0.15D$	820	$ae \leq 0.15D$
k	灰铸铁 球墨铸铁 ($< 32\text{HRC}$)	170	转速 (min^{-1})	18050	$ap \leq 1.5D$	13540	$ap \leq 1.5D$	9020	$ap \leq 1.5D$	6770	$ap \leq 1.5D$	5410	$ap \leq 1.5D$	4510	$ap \leq 1.5D$	3380	$ap \leq 1.5D$	2710	$ap \leq 1.5D$
			进给速度 (mm/min)	1620	$ae \leq 0.15D$	1500	$ae \leq 0.15D$	1440	$ae \leq 0.15D$	1300	$ae \leq 0.15D$	1200	$ae \leq 0.15D$	1150	$ae \leq 0.15D$	1020	$ae \leq 0.15D$	930	$ae \leq 0.15D$
	高合金铸铁 ($35\text{--}45\text{HRC}$)	150	转速 (min^{-1})	15920	$ap \leq 1D$	11940	$ap \leq 1D$	7960	$ap \leq 1D$	5970	$ap \leq 1D$	4780	$ap \leq 1D$	3980	$ap \leq 1D$	2990	$ap \leq 1D$	2390	$ap \leq 1D$
			进给速度 (mm/min)	1290	$ae \leq 0.12D$	1250	$ae \leq 0.12D$	1190	$ae \leq 0.12D$	1090	$ae \leq 0.12D$	1000	$ae \leq 0.12D$	960	$ae \leq 0.12D$	850	$ae \leq 0.12D$	770	$ae \leq 0.12D$

普通钢高效型系列 48HRC 以内
Steel high efficiency series

钢件、铸铁——槽铣
Steel cast iron-slot milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	3		4		6		8		10		12		16		20	
P	碳合金钢 ($< 35\text{HRC}$)	80	转速 (min^{-1})	8490	$ap \leq 1D$	6370	$ap \leq 1D$	4250	$ap \leq 1D$	3190	$ap \leq 1D$	2550	$ap \leq 1D$	2120	$ap \leq 1D$	1590	$ap \leq 1D$	1270	$ap \leq 1D$
			进给速度 (mm/min)	790	$ae \leq 1D$	920	$ae \leq 1D$	730	$ae \leq 1D$	640	$ae \leq 1D$	590	$ae \leq 1D$	570	$ae \leq 1D$	640	$ae \leq 1D$	650	$ae \leq 1D$
	合金钢 ($35\text{--}45\text{HRC}$)	60	转速 (min^{-1})	6370	$ap \leq 0.5D$	4780	$ap \leq 0.5D$	3190	$ap \leq 0.5D$	2390	$ap \leq 0.5D$	1910	$ap \leq 0.5D$	1590	$ap \leq 0.5D$	1190	$ap \leq 0.5D$	960	$ap \leq 0.5D$
			进给速度 (mm/min)	500	$ae \leq 0.5D$	550	$ae \leq 0.5D$	450	$ae \leq 0.5D$	370	$ae \leq 0.5D$	360	$ae \leq 0.5D$	360	$ae \leq 0.5D$	370	$ae \leq 0.5D$	370	$ae \leq 0.5D$
M	不锈钢	55	转速 (min^{-1})	5840	$ap \leq 0.3D$	4380	$ap \leq 0.3D$	2920	$ap \leq 0.3D$	2190	$ap \leq 0.3D$	1750	$ap \leq 0.3D$	1460	$ap \leq 0.3D$	1100	$ap \leq 0.3D$	880	$ap \leq 0.3D$
			进给速度 (mm/min)	320	$ae \leq 0.3D$	320	$ae \leq 0.3D$	350	$ae \leq 0.3D$	340	$ae \leq 0.3D$	320	$ae \leq 0.3D$	320	$ae \leq 0.3D$	280	$ae \leq 0.3D$	260	$ae \leq 0.3D$
k	灰铸铁 球墨铸铁 ($< 32\text{HRC}$)	55	转速 (min^{-1})	5840	$ap \leq 0.8D$	4380	$ap \leq 0.8D$	2920	$ap \leq 0.8D$	2190	$ap \leq 0.8D$	1750	$ap \leq 0.8D$	1460	$ap \leq 0.8D$	1100	$ap \leq 0.8D$	880	$ap \leq 0.8D$
			进给速度 (mm/min)	420	$ae \leq 0.8D$	450	$ae \leq 0.8D$	420	$ae \leq 0.8D$	360	$ae \leq 0.8D$	340	$ae \leq 0.8D$	340	$ae \leq 0.8D$	310	$ae \leq 0.8D$	280	$ae \leq 0.8D$
	高合金铸铁 ($35\text{--}45\text{HRC}$)	50	转速 (min^{-1})	5310	$ap \leq 0.5D$	3980	$ap \leq 0.5D$	2650	$ap \leq 0.5D$	1990	$ap \leq 0.5D$	1590	$ap \leq 0.5D$	1330	$ap \leq 0.5D$	1000	$ap \leq 0.5D$	800	$ap \leq 0.5D$
			进给速度 (mm/min)	330	$ae \leq 0.5D$	350	$ae \leq 0.5D$	360	$ae \leq 0.5D$	300	$ae \leq 0.5D$	290	$ae \leq 0.5D$	290	$ae \leq 0.5D$	260	$ae \leq 0.5D$	240	$ae \leq 0.5D$

普通钢通用型系列 45HRC 以内
Steel universal series

钢件、铸铁——仿形铣
Steel cast iron-profile milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	1		2		3		4		6		8		10		12	
P	碳合金钢 ($< 35\text{HRC}$)	220	转速 (min^{-1})	50000	$ap \leq 0.04D$	35030	$ap \leq 0.04D$	23360	$ap \leq 0.04D$	17520	$ap \leq 0.04D$	11680	$ap \leq 0.04D$	8760	$ap \leq 0.04D$	7010	$ap \leq 0.04D$	5840	$ap \leq 0.04D$
			进给速度 (mm/min)	2800	$ae \leq 0.04D$	2800	$ae \leq 0.04D$	2800	$ae \leq 0.04D$	2800	$ae \leq 0.04D$	2800	$ae \leq 0.04D$	2800	$ae \leq 0.04D$	2800	$ae \leq 0.04D$	2800	$ae \leq 0.04D$
	合金钢 ($35\text{--}45\text{HRC}$)	180	转速 (min^{-1})	50000	$ap \leq 0.02D$	28660	$ap \leq 0.02D$	19110	$ap \leq 0.02D$	14330	$ap \leq 0.02D$	9550	$ap \leq 0.02D$	7170	$ap \leq 0.02D$	5730	$ap \leq 0.02D$	4780	$ap \leq 0.02D$
			进给速度 (mm/min)	1950	$ae \leq 0.02D$	2010	$ae \leq 0.02D$	1990	$ae \leq 0.02D$	2010	$ae \leq 0.02D$	2010	$ae \leq 0.02D$	2010	$ae \leq 0.02D$	2000	$ae \leq 0.02D$	2000	$ae \leq 0.02D$
M	不锈钢	220	转速 (min^{-1})	50000	$ap \leq 0.04D$	35030	$ap \leq 0.04D$	23360	$ap \leq 0.04D$	17520	$ap \leq 0.04D$	11680	$ap \leq 0.04D$	8760	$ap \leq 0.04D$	7010	$ap \leq 0.04D$	5840	$ap \leq 0.04D$
			进给速度 (mm/min)	2520	$ae \leq 0.04D$	2450	$ae \leq 0.04D$	2570	$ae \leq 0.04D$	2630	$ae \leq 0.04D$	2570	$ae \leq 0.04D$	2540	$ae \leq 0.04D$	2520	$ae \leq 0.04D$	2530	$ae \leq 0.04D$
k	灰铸铁 球墨铸铁 ($< 32\text{HRC}$)	230	转速 (min^{-1})	50000	$ap \leq 0.04D$	35030	$ap \leq 0.04D$	23360	$ap \leq 0.04D$	17520	$ap \leq 0.04D$	11680	$ap \leq 0.04D$	8760	$ap \leq 0.04D$	7010	$ap \leq 0.04D$	5840	$ap \leq 0.04D$
			进给速度 (mm/min)	2520	$ae \leq 0.04D$	2450	$ae \leq 0.04D$	2570	$ae \leq 0.04D$	2630	$ae \leq 0.04D$	2570	$ae \leq 0.04D$	2540	$ae \leq 0.04D$	2520	$ae \leq 0.04D$	2530	$ae \leq 0.04D$
	高合金铸铁 ($35\text{--}45\text{HRC}$)	220	转速 (min^{-1})	50000	$ap \leq 0.04D$	35030	$ap \leq 0.04D$	23360	$ap \leq 0.04D$	17520	$ap \leq 0.04D$	11680	$ap \leq 0.04D$	8760	$ap \leq 0.04D$	7010	$ap \leq 0.04D$	5840	$ap \leq 0.04D$
			进给速度 (mm/min)	2380	$ae \leq 0.04D$	2450	$ae \leq 0.04D$	2430	$ae \leq 0.04D$	2450	$ae \leq 0.04D$	2450	$ae \leq 0.04D$	2450	$ae \leq 0.04D$	2440	$ae \leq 0.04D$	2440	$ae \leq 0.04D$

刀具切削参数 Tool Cutting Parameters

不锈钢高效型系列 Stainless steel high efficiency series

不锈钢—侧铣 Stainless steel - side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	2		3		4		5		6		8		10		12		16		20										
P	不锈钢	80 (60-110)	转速 (min-1)	10000	ap≤	1.5D	7430	ap≤	1.5D	6730	ap≤	1.5D	5095	ap≤	1.5D	4245	ap≤	1.5D	3185	ap≤	1.5D	2545	ap≤	1.5D	2020	ap≤	1.5D	1590	ap≤	1.5D	1275	ap≤
			进给速度 (mm/min)	700	ae≤	0.25D	595	ae≤	0.25D	510	ae≤	0.25D	510	ae≤	0.25D	510	ae≤	0.25D	510	ae≤	0.25D	510	ae≤	0.25D	485	ae≤	0.25D	445	ae≤	0.25D	430	ae≤
S	钛合金	60 (40-100)	转速 (min-1)	7960	ap≤	1.5D	6369	ap≤	1.5D	4780	ap≤	1.5D	3821	ap≤	1.5D	3185	ap≤	1.5D	290	ap≤	1.5D	1910	ap≤	1.5D	1590	ap≤	1.5D	1195	ap≤	1.5D	955	ap≤
			进给速度 (mm/min)	398	ae≤	0.25D	350	ae≤	0.25D	285	ae≤	0.25D	270	ae≤	0.25D	320	ae≤	0.25D	335	ae≤	0.25D	354	ae≤	0.25D	350	ae≤	0.25D	310	ae≤	0.25D	305	ae≤

不锈钢高效型系列 Stainless steel high efficiency series

不锈钢—槽铣 Stainless steel - slot milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	2		3		4		5		6		8		10		12		16		20										
P	不锈钢	60 (50-70)	转速 (min-1)	7960	ap≤	1.5D	6369	ap≤	1.5D	4775	ap≤	1.5D	3821	ap≤	1.5D	3185	ap≤	1.5D	2390	ap≤	1.5D	1910	ap≤	1.5D	1590	ap≤	1.5D	1195	ap≤	1.5D	955	ap≤
			进给速度 (mm/min)	398	ae≤	1.5D	350	ae≤	1.5D	285	ae≤	1.5D	270	ae≤	1.5D	320	ae≤	1.5D	335	ae≤	1.5D	345	ae≤	1.5D	350	ae≤	1.5D	310	ae≤	1.5D	305	ae≤
S	钛合金	40 (30-60)	转速 (min-1)	6369	ap≤	1.5D	4246	ap≤	1.5D	3185	ap≤	1.5D	2550	ap≤	1.5D	2120	ap≤	1.5D	1590	ap≤	1.5D	1270	ap≤	1.5D	1060	ap≤	1.5D	792	ap≤	1.5D	635	ap≤
			进给速度 (mm/min)	254	ae≤	1.5D	241	ae≤	1.5D	190	ae≤	1.5D	190	ae≤	1.5D	190	ae≤	1.5D	190	ae≤	1.5D	200	ae≤	1.5D	210	ae≤	1.5D	190	ae≤	1.5D	190	ae≤

钛合金高效型系列 Titanium alloy high efficiency series

钛合金—侧铣 Titanium alloy - side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	2		3		4		5		6		8		10		12		16		20		25												
S	钛合金	70 (60-80)	转速 (min-1)	11140	ap≤	1.5D	7430	ap≤	1.5D	5570	ap≤	1.5D	4460	ap≤	1.5D	3720	ap≤	1.5D	2790	ap≤	1.5D	2230	ap≤	1.5D	1860	ap≤	1.5D	1400	ap≤	1.5D	1120	ap≤	1.5D	895	ap≤	1.5D
			进给速度 (mm/min)	670	ae≤	0.3D	600	ae≤	0.3D	560	ae≤	0.3D	540	ae≤	0.3D	630	ae≤	0.3D	620	ae≤	0.3D	630	ae≤	0.3D	640	ae≤	0.3D	620	ae≤	0.3D	540	ae≤	0.3D	430	ae≤	0.3D

钛合金高效型系列 Titanium alloy high efficiency series

钛合金—槽铣 Titanium alloy - slot milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	2		3		4		5		6		8		10		12		16		20		25												
S	钛合金	60 (50-70)	转速 (min-1)	9550	ap≤	1D	6370	ap≤	1D	4780	ap≤	1D	3820	ap≤	1D	3200	ap≤	1D	2390	ap≤	1D	1910	ap≤	1D	1600	ap≤	1D	1200	ap≤	1D	960	ap≤	1D	770	ap≤	1D
			进给速度 (mm/min)	390	ae≤	1D	300	ae≤	1D	285	ae≤	1D	255	ae≤	1D	255	ae≤	1D	285	ae≤	1D	300	ae≤	1D	315	ae≤	1D	285	ae≤	1D	285	ae≤	1D	245	ae≤	1D

钛合金高效型系列 Titanium alloy high efficiency series

钛合金—侧铣 Titanium alloy - side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	6		8		10		12		16		20							
S	钛合金	35-70	转速 (min-1)	2650	ap≤	4D	2180	ap≤	4D	1900	ap≤	4D	1590	ap≤	4D	1390	ap≤	4D	1110	ap≤	4D
			进给速度 (mm/min)	560	ae≤	0.15D	610	ae≤	0.15D	750	ae≤	0.15D	760	ae≤	0.15D	990	ae≤	0.15D	1000	ae≤	0.15D

刀具切削参数 Tool Cutting Parameters

铝合金通用系列
Aluminum alloy universal series

铝合金 - 侧铣
Aluminum alloy - side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	1			2			4			6			8			10			12			16			20		
P	不锈钢	80 (60-110)	转速 (min-1)	16000	ap≤	1.5D	13000	ap≤	1.5D	12000	ap≤	1.5D	10600	ap≤	1.5D	10000	ap≤	1.5D	9500	ap≤	1.5D	9280	ap≤	1.5D	7000	ap≤	1.5D	5600	ap≤	1.5D
			进给速度 (mm/min)	650	ae≤	0.2D	850	ae≤	0.2D	1430	ae≤	0.2D	1530	ae≤	0.2D	1670	ae≤	0.2D	2050	ae≤	0.2D	2800	ae≤	0.2D	3000	ae≤	0.2D	3150	ae≤	0.2D
S	钛合金	60 (40-100)	转速 (min-1)	16000	ap≤	1.5D	13000	ap≤	1.5D	12000	ap≤	1.5D	10600	ap≤	1.5D	10000	ap≤	1.5D	9500	ap≤	1.5D	9280	ap≤	1.5D	7000	ap≤	1.5D	5600	ap≤	1.5D
			进给速度 (mm/min)	720	ae≤	0.2D	900	ae≤	0.2D	1200	ae≤	0.2D	1200	ae≤	0.2D	1500	ae≤	0.2D	1800	ae≤	0.2D	2225	ae≤	0.2D	2500	ae≤	0.2D	3000	ae≤	0.2D

铝合金通用系列
Aluminum alloy universal series

铝合金 - 槽铣
Aluminum Alloy - slot milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	1			2			4			6			8			10			12			16			20		
P	不锈钢	150 (60-350)	转速 (min-1)	16000	ap≤	0.5D	10000	ap≤	0.5D	9000	ap≤	0.5D	8000	ap≤	0.5D	7800	ap≤	0.5D	8000	ap≤	0.5D	6800	ap≤	0.5D	5000	ap≤	0.5D	4000	ap≤	0.5D
			进给速度 (mm/min)	450	ae∥	1D	570	ae∥	1D	960	ae∥	1D	1050	ae∥	1D	1300	ae∥	1D	1500	ae∥	1D	1620	ae∥	1D	1680	ae∥	1D	1800	ae∥	1D
S	钛合金	150 (60-350)	转速 (min-1)	16000	ap≤	0.5D	10000	ap≤	0.5D	9000	ap≤	0.5D	8000	ap≤	0.5D	7800	ap≤	0.5D	8000	ap≤	0.5D	6800	ap≤	0.5D	5000	ap≤	0.5D	4000	ap≤	0.5D
			进给速度 (mm/min)	450	ae∥	1D	520	ae∥	1D	860	ae∥	1D	830	ae∥	1D	960	ae∥	1D	1240	ae∥	1D	1500	ae∥	1D	1550	ae∥	1D	1510	ae∥	1D

铝合金通用系列
Aluminum alloy universal series

铝合金 - 槽铣
Aluminum Alloy - slot milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	1			2			4			6			8			10			12			16		
P	不锈钢	150 (60-350)	转速 (min-1)	19000	ap≤	0.3D	15900	ap≤	0.3D	11900	ap≤	0.3D	10600	ap≤	0.3D	8000	ap≤	0.3D	7950	ap≤	0.3D	7950	ap≤	0.3D	7000	ap≤	0.3D
			进给速度 (mm/min)	950	ae≤	0.3D	1600	ae≤	0.3D	1900	ae≤	0.3D	2500	ae≤	0.3D	2550	ae≤	0.3D	3200	ae≤	0.3D	3800	ae≤	0.3D	4450	ae≤	0.3D
S	钛合金	150 (60-350)	转速 (min-1)	19000	ap≤	0.3D	15900	ap≤	0.3D	11900	ap≤	0.3D	10600	ap≤	0.3D	8000	ap≤	0.3D	7950	ap≤	0.3D	7950	ap≤	0.3D	7000	ap≤	0.3D
			进给速度 (mm/min)	860	ae≤	0.3D	1430	ae≤	0.3D	1720	ae≤	0.3D	2300	ae≤	0.3D	2300	ae≤	0.3D	2850	ae≤	0.3D	3450	ae≤	0.3D	4010	ae≤	0.3D

高硬材料通用型系列 30~60HRC
Hardened material universal series

合金钢、淬硬钢 - 侧铣
Alloy steel, hardened steel - side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	2			4			6			8			10			12		
P	合金钢 (30-45HRC)	110 (90-125)	转速 (min-1)	14000	ap≤	1.2D	7200	ap≤	1.2D	4800	ap≤	1.2D	3600	ap≤	1.2D	2900	ap≤	1.2D	2400	ap≤	1.2D
			进给速度 (mm/min)	800	ae≤	0.08D	900	ae≤	0.08D	1000	ae≤	0.08D	1100	ae≤	0.08D	1050	ae≤	0.08D	1000	ae≤	0.08D
			转速 (min-1)	20000	ap≤	1.2D	10000	ap≤	1.2D	7000	ap≤	1.2D	5200	ap≤	1.2D	4200	ap≤	1.2D	3600	ap≤	1.2D
			进给速度 (mm/min)	1200	ae≤	0.08D	1400	ae≤	0.08D	1600	ae≤	0.08D	1800	ae≤	0.08D	1600	ae≤	0.08D	1500	ae≤	0.08D
H	淬硬钢 (45-55HRC)	95 (80-110)	转速 (min-1)	12500	ap≤	1.0D	6400	ap≤	1.0D	4200	ap≤	1.0D	3200	ap≤	1.0D	2500	ap≤	1.0D	2100	ap≤	1.0D
			进给速度 (mm/min)	500	ae≤	0.04D	600	ae≤	0.04D	700	ae≤	0.04D	800	ae≤	0.04D	700	ae≤	0.04D	640	ae≤	0.04D
			转速 (min-1)	18000	ap≤	1.0D	9200	ap≤	1.0D	6100	ap≤	1.0D	4600	ap≤	1.0D	3600	ap≤	1.0D	3000	ap≤	1.0D
			进给速度 (mm/min)	900	ae≤	0.04D	1150	ae≤	0.04D	1300	ae≤	0.04D	1400	ae≤	0.04D	1300	ae≤	0.04D	1200	ae≤	0.04D
H	淬硬钢 (55-60HRC)	80 (70-95)	转速 (min-1)	11000	ap≤	0.8D	5600	ap≤	0.8D	3700	ap≤	0.8D	2800	ap≤	0.8D	2200	ap≤	0.8D	1900	ap≤	0.8D
			进给速度 (mm/min)	440	ae≤	0.02D	500	ae≤	0.02D	580	ae≤	0.02D	630	ae≤	0.02D	570	ae≤	0.02D	550	ae≤	0.02D
			转速 (min-1)	15000	ap≤	0.8D	8000	ap≤	0.8D	5300	ap≤	0.8D	4000	ap≤	0.8D	3200	ap≤	0.8D	2700	ap≤	0.8D
			进给速度 (mm/min)	790	ae≤	0.02D	900	ae≤	0.02D	1040	ae≤	0.02D	1100	ae≤	0.02D	1000	ae≤	0.02D	900	ae≤	0.02D

刀具切削参数 Tool Cutting Parameters

高硬材料通用型系列 30~60HRC
Hardened material universal series

合金钢、淬硬钢 - 仿型铣
Alloy steel, hardened steel - profile milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	2			4			6			8			10			12		
P	合金钢 (30-45HRC)	170 (120-220)	转速 (min-1)	20000	ap =	0.05-0.1D	10300	ap =	0.05-0.1D	6900	ap =	0.05-0.1D	5100	ap =	0.05-0.1D	4100	ap =	0.05-0.1D	3400	api	0.05-0.1D
			进给速度 (mm/min)	1500	ae ≤	0.02D	1650	ae ≤	0.02D	1650	ae ≤	0.02D	1700	ae ≤	0.02D	1700	ae ≤	0.02D	1750	ae ≤	0.02D
			转速 (min-1)	35000	ap =	0.05-0.1D	17500	ap =	0.05-0.1D	11600	ap =	0.05-0.1D	8700	ap =	0.05-0.1D	7000	ap =	0.05-0.1D	6000	ap =	0.05-0.1D
			进给速度 (mm/min)	2600	ae ≤	0.02D	2700	ae ≤	0.02D	2700	ae ≤	0.02D	2850	ae ≤	0.02D	2850	ae ≤	0.02D	2900	ae ≤	0.02D
H	淬硬钢 (45-55HRC)	150 (120-180)	转速 (min-1)	15900	ap =	0.05-0.1D	8000	ap =	0.05-0.1D	5300	ap =	0.05-0.1D	4000	ap =	0.05-0.1D	3200	ap =	0.05-0.1D	2600	ap =	0.05-0.1D
			进给速度 (mm/min)	1200	ae ≤	0.02D	1300	ae ≤	0.02D	1300	ae ≤	0.02D	1350	ae ≤	0.02D	1350	ae ≤	0.02D	1400	ae ≤	0.02D
			转速 (min-1)	28600	ap =	0.05-0.1D	14300	ap =	0.05-0.1D	9500	ap =	0.05-0.1D	7200	ap =	0.05-0.1D	5700	ap =	0.05-0.1D	4500	ap =	0.05-0.1D
			进给速度 (mm/min)	2200	ae ≤	0.02D	2300	ae ≤	0.02D	2300	ae ≤	0.02D	2350	ae ≤	0.02D	2350	ae ≤	0.02D	2400	ae ≤	0.02D
	淬硬钢 (55-60HRC)	120 (80-160)	转速 (min-1)	12000	ap =	0.05-0.1D	6000	ap =	0.05-0.1D	4000	ap =	0.05-0.1D	2900	ap =	0.05-0.1D	2400	ap =	0.05-0.1D	2100	ap =	0.05-0.1D
			进给速度 (mm/min)	900	ae ≤	0.02D	960	ae ≤	0.02D	960	ae ≤	0.02D	920	ae ≤	0.02D	920	ae ≤	0.02D	900	ae ≤	0.02D
			转速 (min-1)	25400	ap =	0.05-0.1D	12700	ap =	0.05-0.1D	8500	ap =	0.05-0.1D	6400	ap =	0.05-0.1D	5000	ap =	0.05-0.1D	1900	ap =	0.05-0.1D
			进给速度 (mm/min)	1800	ae ≤	0.02D	1800	ae ≤	0.02D	1800	ae ≤	0.02D	1500	ae ≤	0.02D	1500	ae ≤	0.02D	1500	ae ≤	0.02D

高硬材料系列 45~65HRC
Hardened material series

合金钢、预硬钢、淬硬钢 - 侧铣
Alloy steel, pre-hardened steel, hardened steel - side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	2			4			6			8			10			12			16			20		
H	合金钢、预硬钢 (30-45HRC)	175 (100-250)	转速 (min-1)	15000	ap ≤	1.5D	8000	ap ≤	1.5D	5300	ap ≤	1.5D	4000	ap ≤	1.5D	3200	ap ≤	1.5D	2700	ap ≤	1.5D	2000	ap ≤	1.5D	1600	ap ≤	1.5D
			进给速度 (mm/min)	680	ae ≤	0.08D	840	ae ≤	0.08D	870	ae ≤	0.08D	890	ae ≤	0.08D	830	ae ≤	0.08D	780	ae ≤	0.08D	760	ae ≤	0.08D	720	ae ≤	0.08D
			转速 (min-1)	40000	ap ≤	1.5D	20000	ap ≤	1.5D	13000	ap ≤	1.5D	10000	ap ≤	1.5D	8000	ap ≤	1.5D	6600	ap ≤	1.5D	5000	ap ≤	1.5D	4000	ap ≤	1.5D
			进给速度 (mm/min)	2910	ae ≤	0.08D	3360	ae ≤	0.08D	4390	ae ≤	0.08D	4500	ae ≤	0.08D	4320	ae ≤	0.08D	3960	ae ≤	0.08D	6750	ae ≤	0.08D	3600	ae ≤	0.08D
合金钢、淬硬钢 (45-55HRC)	140 (80-200)	转速 (min-1)	13000	ap ≤	1.5D	6000	ap ≤	1.5D	4200	ap ≤	1.5D	3200	ap ≤	1.5D	2500	ap ≤	1.5D	2100	ap ≤	1.5D	1600	ap ≤	1.5D	1300	ap ≤	1.5D	
		进给速度 (mm/min)	520	ae ≤	0.04D	520	ae ≤	0.04D	870	ae ≤	0.04D	890	ae ≤	0.04D	830	ae ≤	0.04D	780	ae ≤	0.04D	760	ae ≤	0.04D	720	ae ≤	0.04D	
		转速 (min-1)	32000	ap ≤	1.5D	16000	ap ≤	1.5D	11000	ap ≤	1.5D	8000	ap ≤	1.5D	6400	ap ≤	1.5D	5300	ap ≤	1.5D	4000	ap ≤	1.5D	3200	ap ≤	1.5D	
		进给速度 (mm/min)	1830	ae ≤	0.04D	2110	ae ≤	0.04D	3270	ae ≤	0.04D	3170	ae ≤	0.04D	3040	ae ≤	0.04D	2800	ae ≤	0.04D	2640	ae ≤	0.04D	2530	ae ≤	0.04D	
合金钢、淬硬钢 (55-65HRC)	105 (60-150)	转速 (min-1)	9600	ap ≤	1.5D	4800	ap ≤	1.5D	3200	ap ≤	1.5D	2400	ap ≤	1.5D	1900	ap ≤	1.5D	1600	ap ≤	1.5D	1200	ap ≤	1.5D	1000	ap ≤	1.5D	
		进给速度 (mm/min)	350	ae ≤	0.02D	380	ae ≤	0.02D	600	ae ≤	0.02D	600	ae ≤	0.02D	570	ae ≤	0.02D	540	ae ≤	0.02D	520	ae ≤	0.02D	500	ae ≤	0.02D	
		转速 (min-1)	24000	ap ≤	1.5D	12000	ap ≤	1.5D	8000	ap ≤	1.5D	6000	ap ≤	1.5D	4800	ap ≤	1.5D	4000	ap ≤	1.5D	3000	ap ≤	1.5D	2400	ap ≤	1.5D	
		进给速度 (mm/min)	1250	ae ≤	0.02D	1440	ae ≤	0.02D	2160	ae ≤	0.02D	2160	ae ≤	0.02D	2070	ae ≤	0.02D	1920	ae ≤	0.02D	1800	ae ≤	0.02D	1730	ae ≤	0.02D	

刀具切削参数 Tool Cutting Parameters

高硬材料系列 45~65HRC
hardened material series

合金钢、淬硬钢 - 仿型铣
Alloy steel, hardened steel - profile milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	1		2		3		4		5		6		8								
H	合金钢 (30-45HRC)	175 (130-220)	转速 (min-1)	20000	ap =	0.05-0.1D	10300	ap =	0.05-0.1D	6900	ap =	0.05-0.1D	5100	ap =	0.05-0.1D	4100	ap =	0.05-0.1D	3400	ap =	0.05-0.1D	2550	api	0.05-0.1D
			进给速度 (mm/min)	1500	ae ≤	0.02D	1650	ae ≤	0.02D	1650	ae ≤	0.02D	1700	ae ≤	0.02D	1700	ae ≤	0.02D	1750	ae ≤	0.02D	1750	ae ≤	0.02D
			转速 (min-1)	35000	ap =	0.05-0.1D	17500	ap =	0.05-0.1D	11600	ap =	0.05-0.1D	8700	ap =	0.05-0.1D	7000	ap =	0.05-0.1D	6000	ap =	0.05-0.1D	4500	api	0.05-0.1D
			进给速度 (mm/min)	2600	ae ≤	0.02D	2700	ae ≤	0.02D	2700	ae ≤	0.02D	2850	ae ≤	0.02D	2850	ae ≤	0.02D	2900	ae ≤	0.02D	2900	ae ≤	0.02D
	淬硬钢 (45-55HRC)	140 (100-180)	转速 (min-1)	15900	ap =	0.05-0.1D	8000	ap =	0.05-0.1D	5300	ap =	0.05-0.1D	4000	ap =	0.05-0.1D	3200	ap =	0.05-0.1D	2600	ap =	0.05-0.1D	1950	api	0.05-0.1D
			进给速度 (mm/min)	1200	ae ≤	0.02D	1300	ae ≤	0.02D	1300	ae ≤	0.02D	1350	ae ≤	0.02D	1350	ae ≤	0.02D	1400	ae ≤	0.02D	1400	ae ≤	0.02D
			转速 (min-1)	29600	ap =	0.05-0.1D	14300	ap =	0.05-0.1D	9500	ap =	0.05-0.1D	7200	ap =	0.05-0.1D	5700	ap =	0.05-0.1D	4500	ap =	0.05-0.1D	3380	api	0.05-0.1D
			进给速度 (mm/min)	2200	ae ≤	0.02D	2300	ae ≤	0.02D	2300	ae ≤	0.02D	2350	ae ≤	0.02D	2350	ae ≤	0.02D	2400	ae ≤	0.02D	2400	ae ≤	0.02D
	淬硬钢 (55-60HRC)	115 (70-160)	转速 (min-1)	12000	ap =	0.05-0.1D	6000	ap =	0.05-0.1D	4000	ap =	0.05-0.1D	2900	ap =	0.05-0.1D	2400	ap =	0.05-0.1D	2100	ap =	0.05-0.1D	1600	api	0.05-0.1D
			进给速度 (mm/min)	900	ae ≤	0.02D	960	ae ≤	0.02D	960	ae ≤	0.02D	920	ae ≤	0.02D	920	ae ≤	0.02D	900	ae ≤	0.02D	900	ae ≤	0.02D
			转速 (min-1)	25400	ap =	0.05-0.1D	12700	ap =	0.05-0.1D	8500	ap =	0.05-0.1D	6400	ap =	0.05-0.1D	5000	ap =	0.05-0.1D	1900	ap =	0.05-0.1D	1450	api	0.05-0.1D
			进给速度 (mm/min)	1800	ae ≤	0.02D	1800	ae ≤	0.02D	1800	ae ≤	0.02D	1500	ae ≤	0.02D	1500	ae ≤	0.02D	1500	ae ≤	0.02D	1500	ae ≤	0.02D

高温合金通用系列
High-temperature alloy universal series

高温合金 - 侧铣
High-temperature alloy - side milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	1		2		3		4		5		6		8		10		12		16		20												
S	铁基 高温合金 (15-35)	25	转速 (min-1)	7900	ap ≤	1D	3980	ap ≤	1D	2650	ap ≤	1D	1990	ap ≤	1D	1592	ap ≤	1D	1325	ap ≤	1D	995	ap ≤	1D	795	ap ≤	1D	660	ap ≤	1D	495	ap ≤	1D	400	ap ≤	1D
			进给速度 (mm/min)	550	ae ≤	0.1D	280	ae ≤	0.1D	210	ae ≤	0.1D	160	ae ≤	0.1D	125	ae ≤	0.1D	160	ae ≤	0.1D	160	ae ≤	0.1D	190	ae ≤	0.1D	185	ae ≤	0.1D	160	ae ≤	0.1D	160	ae ≤	0.1D
	钴基 高温合金 (15-30)	20	转速 (min-1)	6370	ap ≤	1D	3180	ap ≤	1D	2100	ap ≤	1D	1590	ap ≤	1D	1270	ap ≤	1D	1060	ap ≤	1D	795	ap ≤	1D	635	ap ≤	1D	530	ap ≤	1D	400	ap ≤	1D	320	ap ≤	1D
			进给速度 (mm/min)	470	ae ≤	0.1D	240	ae ≤	0.1D	170	ae ≤	0.1D	130	ae ≤	0.1D	120	ae ≤	0.1D	125	ae ≤	0.1D	125	ae ≤	0.1D	150	ae ≤	0.1D	145	ae ≤	0.1D	125	ae ≤	0.1D	140	ae ≤	0.1D
	镍基 高温合金 (15-30)	25	转速 (min-1)	7900	ap ≤	1D	3980	ap ≤	1D	2650	ap ≤	1D	1990	ap ≤	1D	1592	ap ≤	1D	1325	ap ≤	1D	995	ap ≤	1D	795	ap ≤	1D	660	ap ≤	1D	495	ap ≤	1D	400	ap ≤	1D
			进给速度 (mm/min)	550	ae ≤	0.1D	280	ae ≤	0.1D	210	ae ≤	0.1D	160	ae ≤	0.1D	125	ae ≤	0.1D	160	ae ≤	0.1D	160	ae ≤	0.1D	190	ae ≤	0.1D	185	ae ≤	0.1D	160	ae ≤	0.1D	160	ae ≤	0.1D

高温合金通用系列
High-temperature alloy universal series

高温合金 - 槽铣
High-temperature alloy - slot milling

工件材料 workpiece materials		VC m/min	刃径 (mm)	1		2		3		4		5		6		8		10		12		16		20												
S	铁基高温合金 (10-30)	20	转速 (min-1)	6370	ap ≤	0.5D	3180	ap ≤	0.5D	2100	ap ≤	0.5D	1590	ap ≤	0.5D	1270	ap ≤	0.5D	1060	ap ≤	0.5D	795	ap ≤	0.5D	635	ap ≤	0.5D	530	ap ≤	0.5D	400	ap ≤	0.5D	320	ap ≤	0.5D
			进给速度 (mm/min)	280	ae ≤	1D	230	ae ≤	1D	160	ae ≤	1D	120	ae ≤	1D	120	ae ≤	1D	105	ae ≤	1D	95	ae ≤	1D	90	ae ≤	1D	95	ae ≤	1D	80	ae ≤	1D	65	ae ≤	1D
	钴基高温合金 (10-20)	15	转速 (min-1)	4750	ap ≤	0.5D	2380	ap ≤	0.5D	1590	ap ≤	0.5D	1190	ap ≤	0.5D	950	ap ≤	0.5D	795	ap ≤	0.5D	600	ap ≤	0.5D	475	ap ≤	0.5D	400	ap ≤	0.5D	300	ap ≤	0.5D	240	ap ≤	0.5D
			进给速度 (mm/min)	220	ae ≤	1D	200	ae ≤	1D	120	ae ≤	1D	80	ae ≤	1D	80	ae ≤	1D	65	ae ≤	1D	60	ae ≤	1D	60	ae ≤	1D	60	ae ≤	1D	60	ae ≤	1D	55	ae ≤	1D
	镍基高温合金 (10-30)	20	转速 (min-1)	6370	ap ≤	0.5D	3180	ap ≤	0.5D	2100	ap ≤	0.5D	1590	ap ≤	0.5D	1270	ap ≤	0.5D	1060	ap ≤	0.5D	795	ap ≤	0.5D	635	ap ≤	0.5D	530	ap ≤	0.5D	400	ap ≤	0.5D	320	ap ≤	0.5D
			进给速度 (mm/min)	280	ae ≤	1D	230	ae ≤	1D	160	ae ≤	1D	120	ae ≤	1D	120	ae ≤	1D	105	ae ≤	1D	95	ae ≤	1D	90	ae ≤	1D	95	ae ≤	1D	80	ae ≤	1D	65	ae ≤	1D

刀具切削参数 Tool cutting parameters

高温合金通用系列
High-temperature alloy universal series

高温合金 - 槽铣
High-temperature alloy - slot milling

工件材料 working materials		vc m/min	刃径 (mm)	2			3			4			5			6			8			10			12		
S	铁基高温合金	40 (30-50)	转速 (min-1)	6370	ap≤	0.04D	4250	ap≤	0.04D	3180	ap≤	0.04D	2550	ap≤	0.04D	2120	ap≤	0.04D	1590	ap≤	0.04D	1270	ap≤	0.04D	1060	ap≤	0.04D
			进给速度 (mm/min)	500	ae≤	0.04D	420	ae≤	0.04D	350	ae≤	0.04D	300	ae≤	0.04D	255	ae≤	0.04D	285	ae≤	0.04D	305	ae≤	0.04D	340	ae≤	0.04D
	钴基高温合金	35 (25-45)	转速 (min-1)	5570	ap≤	0.04D	3710	ap≤	0.04D	2780	ap≤	0.04D	2230	ap≤	0.04D	1855	ap≤	0.04D	1390	ap≤	0.04D	1115	ap≤	0.04D	930	ap≤	0.04D
			进给速度 (mm/min)	440	ae≤	0.04D	360	ae≤	0.04D	270	ae≤	0.04D	260	ae≤	0.04D	220	ae≤	0.04D	220	ae≤	0.04D	265	ae≤	0.04D	260	ae≤	0.04D
	镍基高温合金	40 (30-50)	转速 (min-1)	6370	ap≤	0.03D	4250	ap≤	0.03D	3180	ap≤	0.03D	2550	ap≤	0.03D	2120	ap≤	0.03D	1590	ap≤	0.03D	1270	ap≤	0.03D	1060	ap≤	0.03D
			进给速度 (mm/min)	500	ae≤	0.03D	420	ae≤	0.03D	350	ae≤	0.03D	300	ae≤	0.03D	255	ae≤	0.03D	285	ae≤	0.03D	305	ae≤	0.03D	320	ae≤	0.03D

石墨高速型系列
High speed graphite series

石墨 - 侧铣
Graphite - side milling

工件材料 working materials		vc m/min	刃径 (mm)	2			4			6			8			10			12		
N	铸造铝合金 (Si > 12%)	200	转速 (min-1)	31850	ap≤	1D	15920	ap≤	1D	10620	ap≤	1D	7960	ap≤	1D	6370	ap≤	1D	5310	ap≤	1D
			进给速度 (mm/min)	1910	ae≤	0.15D	1590	ae≤	0.15D	1270	ae≤	0.15D	1120	ae≤	0.15D	1080	ae≤	0.15D	1380	ae≤	0.15D
	石墨	200	转速 (min-1)	39810	ap≤	1.5D	19900	ap≤	1.5D	13270	ap≤	1.5D	9950	ap≤	1.5D	7960	ap≤	1.5D	6640	ap≤	1.5D
			进给速度 (mm/min)	3980	ae≤	0.5D	2790	ae≤	0.5D	2390	ae≤	0.5D	2190	ae≤	0.5D	2390	ae≤	0.5D	2390	ae≤	0.5D

石墨高速型系列
High speed graphite series

石墨 - 侧铣
Graphite - side milling

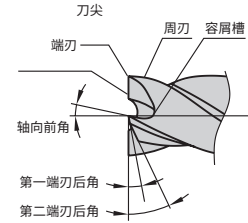
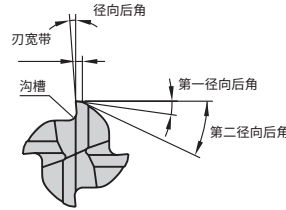
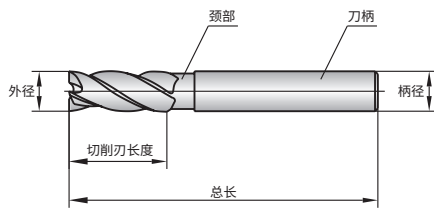
工件材料 working materials		vc m/min	刃径 (mm)	2			4			6			8			10			12		
N	铸造铝合金 (Si > 12%)	180	转速 (min-1)	28660	ap≤	0.5D	14330	ap≤	0.5D	9550	ap≤	0.5D	7170	ap≤	0.5D	5730	ap≤	0.5D	4780	ap≤	0.5D
			进给速度 (mm/min)	1150	ae≤	0.5D	1150	ae≤	0.5D	960	ae≤	0.5D	860	ae≤	0.5D	800	ae≤	0.5D	860	ae≤	0.5D
	石墨	200	转速 (min-1)	31850	ap≤	0.5D	15920	ap≤	0.5D	10620	ap≤	0.5D	7960	ap≤	0.5D	6370	ap≤	0.5D	5310	ap≤	0.5D
			进给速度 (mm/min)	1910	ae≤	0.5D	1430	ae≤	0.5D	1380	ae≤	0.5D	1350	ae≤	0.5D	1400	ae≤	0.5D	1590	ae≤	0.5D

石墨高速型系列
High speed graphite series

石墨 - 仿型铣
Graphite-shaper milling

工件材料 working materials		vc m/min	刃径 (mm)	2			4			6			8			10			12		
N	铸造铝合金 (Si > 12%)	180	转速 (min-1)	31850	ap≤	0.3D	15920	ap≤	0.3D	10620	ap≤	0.3D	7960	ap≤	0.3D	6370	ap≤	0.3D	5310	ap≤	0.3D
			进给速度 (mm/min)	2040	ae≤	0.3D	1430	ae≤	0.3D	1270	ae≤	0.3D	1270	ae≤	0.3D	1400	ae≤	0.3D	1380	ae≤	0.3D
	石墨	200	转速 (min-1)	39810	ap≤	0.5D	19900	ap≤	0.5D	13270	ap≤	0.5D	9950	ap≤	0.5D	7960	ap≤	0.5D	6640	ap≤	0.5D
			进给速度 (mm/min)	2790	ae≤	0.4D	1990	ae≤	0.4D	1860	ae≤	0.4D	1790	ae≤	0.4D	1910	ae≤	0.4D	1990	ae≤	0.4D

立铣刀各部分名称



立铣刀常见使用问题解析

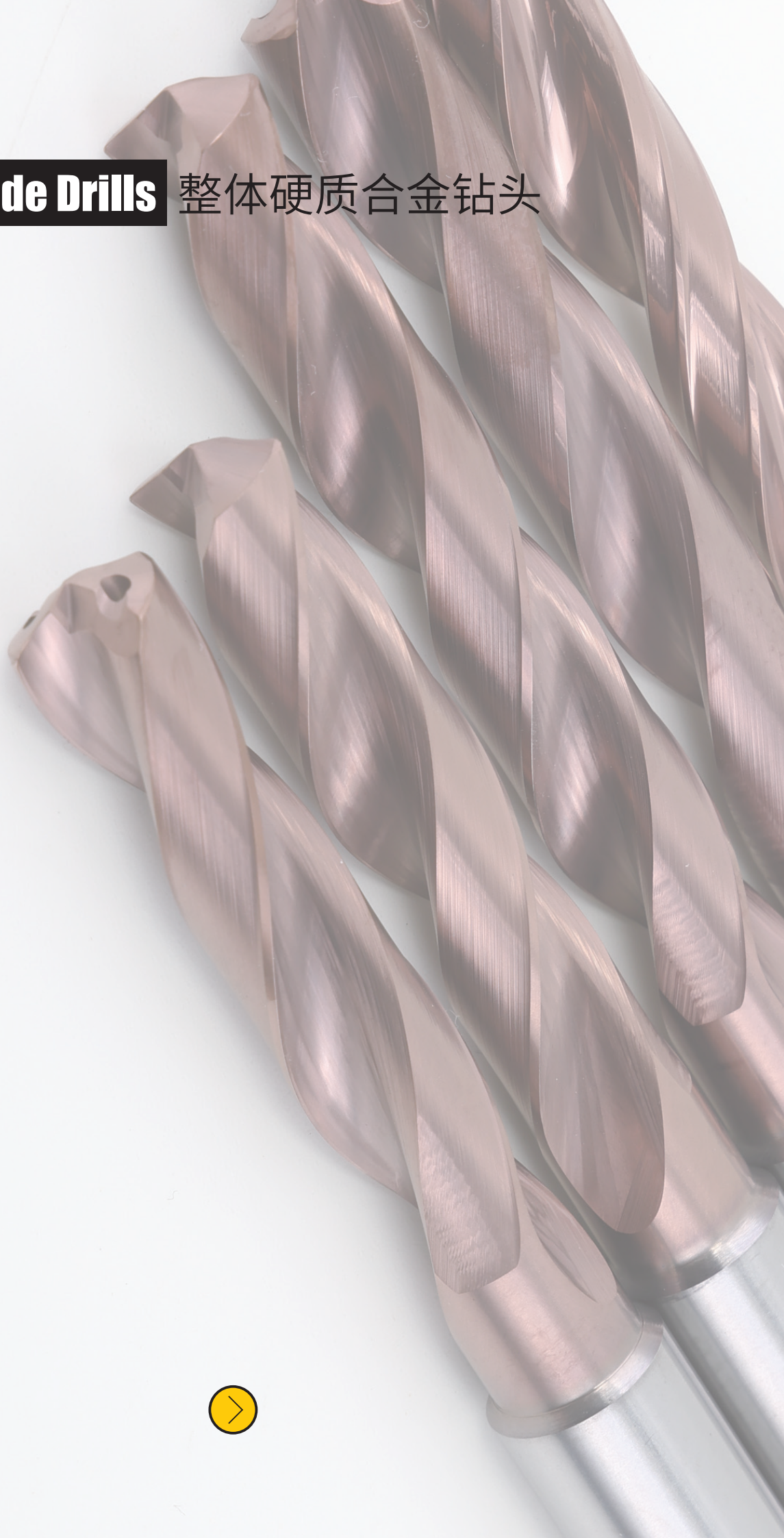
问题内容		措施
刀具折断 (使用整体小直径和钎焊小直径立铣刀时)	- 切入工件时 - 刀具切出时	- 减小进给量 - 减小悬伸量 - 把切削刃长缩短到必要长度的最小限度 - 减小进给量
	- 正常加工时	- 磨损量控制: 尽早更换刀具 - 检查夹具或弹簧夹头是否磨损 - 减小刀具悬伸量 - 如果使用的 4 刃立铣刀, 换成 3 刃或 2 刃立铣刀 (防止堵屑) - 将干式铣削换成湿式 (使用切削液)。湿式供液方向从前方供给时, 改成从斜后方或横向上方供液, 冷却润滑油流量应足够
	- 进给方向变更时	- 利用圆弧插补 (NC 机床), 或者暂时停止 (暂停) - 降低 (减少) 方向转换前后的进给量
崩刃	- 刀尖部分崩刃	- 检查夹具或弹簧夹头是否磨损 - 刀尖倒圆或倒角
	- 切深界面部分崩损	- 将顺铣改为逆铣 - 降低进给量
	- 崩刃分布在中央部分或者遍布整个切削刃	- 进行钝化倒棱或加大倒棱 - 改变主轴转速 - 降低进给量 - 铣削中有摩擦声时加大进给量 - 增加冷却 - 更换夹具或弹簧夹头 - 提高切削速度
- 切削刃大崩刃	- 减小进给量 - 如果使用的 4 刃立铣刀, 换成 3 刃或 2 刃立铣刀 (防止堵屑) - 进行钝化倒棱或加大倒棱 - 检查夹具或弹簧夹头是否磨损 - 改变冷却方式	

立铣刀常见使用问题解析

问题内容		措施
刀具磨损过快		<ul style="list-style-type: none"> - 降低切削速度 - 如果是逆铣，改为顺铣 - 增加冷却 - 加大进给量 - 如果使用的重磨立铣刀，应提高铲背面的粗糙度
已加工表面不良	- 表面光洁，但凹凸较大	<ul style="list-style-type: none"> - 降低进给量 - 如果是双刃，改成 4 刃
	- 切屑短细，但有粘屑	<ul style="list-style-type: none"> - 提高切削速度 - 增加冷却 - 进行微小倒圆处理 - 如果是逆铣，改为顺铣
	- 有横向切痕	<ul style="list-style-type: none"> - 进行微小倒圆钝化处理 - 使用非水溶性切削液 - 将顺铣改为逆铣
	- 残留有过度切削痕迹	<ul style="list-style-type: none"> - 减小切削余量 - 提高切削速度 - 减小进给量
形状精度不良	- 精加工尺寸偏小	<ul style="list-style-type: none"> - 由逆铣改为顺铣 - 减小切削余量 - 检查夹具或弹簧夹头是否磨损 - 减小立铣刀悬伸量 - 提高切削速度
	- 垂直度不良	<ul style="list-style-type: none"> - 减小切削余量 - 检查夹具或弹簧夹头是否磨损 - 减小立铣刀悬伸量 - 提高切削速度 - 由双刃改为 4 刃 - 减小进给量 - 检查磨损量，更换刀具
产生振动		<ul style="list-style-type: none"> - 加大进给量 (0.04mm/ 齿以上时减小) - 改变切削速度 - 检查夹具或弹簧夹头是否磨损 - 减小立铣刀悬伸量 - 粗铣用双刃，精铣用 4 刃 - 由逆铣改为顺铣

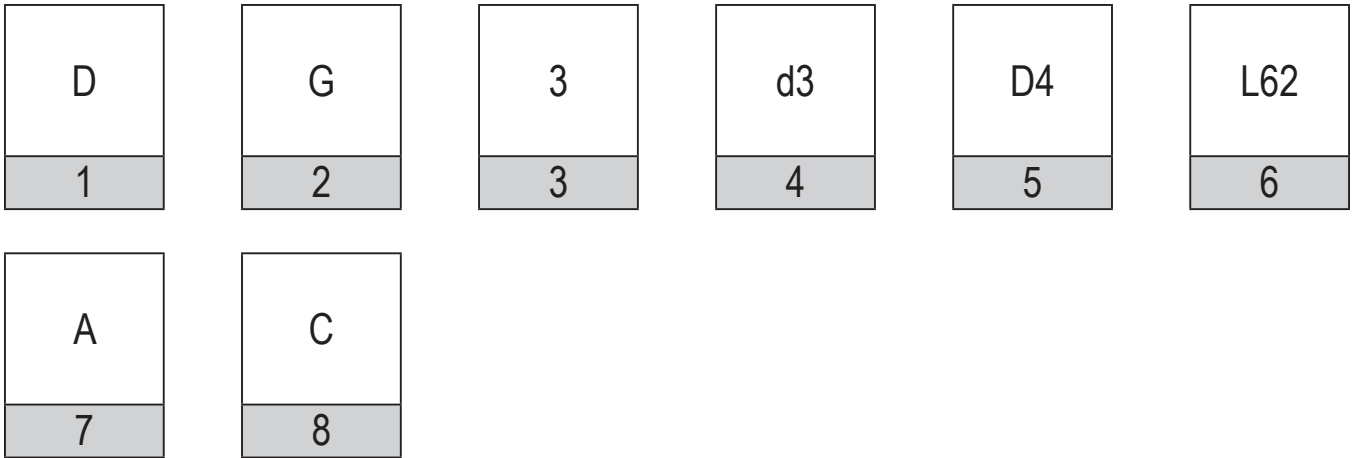
Solid Carbide Drills

整体硬质合金钻头



整体硬质合金钻头型号编制说明

Solid Carbide Drills Identification System



1 钻头代号 Product name	
D	钻头 Drill

2 工件材料 Workpiece material	
P	钢 steel
K	铸铁 Cast Iron
M	不锈钢 Stainless steel
H	淬硬材料 Hardened material
S	耐热合金 heat-resistant metal
N	有色金属、非金属材料 Non-ferrous metal, non-metallic material
G	通用材质 Universal material

3 刃径刃长比 Length-to-diameter ratio	
3	3 倍径 3×D
5	5 倍径 5×D

4 刃径 DC
3mm

5 柄径 Tool diameter
4mm

6 总长 Overall length
62mm

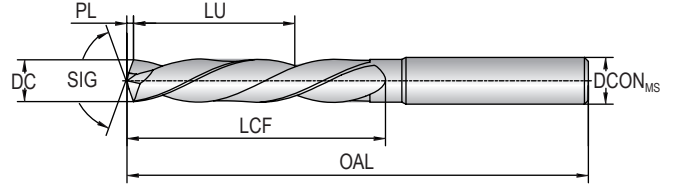
7 柄形状 Shank shape	
A	HA 圆形柄
B	HB 圆柱柄
E	HE 圆柱柄
F	HF 圆柱柄

8 冷却方式 Coolant
C: 内冷 (外冷不标注) Central coolant (External coolant is not marked)

外冷钻头 External coolant

通用高性能整体硬质合金钻头 (3D)

Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

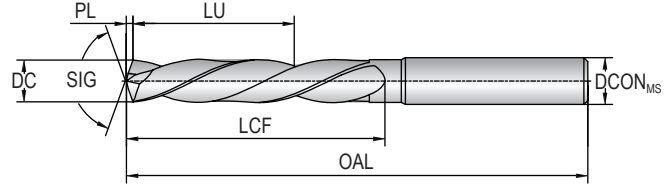
型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d3D6L62A	●	3.0	17	6	62	20	0.55
DG3d3.1D6L62A	●	3.1	17	6	62	20	0.56
DG3d3.2D6L62A	●	3.2	17	6	62	20	0.58
DG3d3.3D6L62A	●	3.3	17	6	62	20	0.60
DG3d3.4D6L62A	●	3.4	17	6	62	20	0.62
DG3d3.5D6L62A	●	3.5	17	6	62	20	0.64
DG3d3.6D6L62A	●	3.6	17	6	62	20	0.66
DG3d3.7D6L62A	●	3.7	17	6	62	20	0.67
DG3d3.8D6L66A	●	3.8	21	6	66	24	0.69
DG3d3.9D6L66A	●	3.9	21	6	66	24	0.71
DG3d4D6L66A	●	4.0	21	6	66	24	0.73
DG3d4.1D6L66A	●	4.1	21	6	66	24	0.75
DG3d4.2D6L66A	●	4.2	21	6	66	24	0.76
DG3d4.3D6L66A	●	4.3	21	6	66	24	0.78
DG3d4.4D6L66A	●	4.4	21	6	66	24	0.80
DG3d4.5D6L66A	●	4.5	21	6	66	24	0.82
DG3d4.6D6L66A	●	4.6	21	6	66	24	0.84
DG3d4.7D6L66A	●	4.7	21	6	66	24	0.86
DG3d4.8D6L66A	●	4.8	21	6	66	24	0.87
DG3d4.9D6L66A	●	4.9	21	6	66	24	0.89
DG3d5D6L66A	●	5.0	21	6	66	24	0.91
DG3d5.1D6L66A	●	5.1	21	6	66	24	0.93
DG3d5.2D6L66A	●	5.2	21	6	66	24	0.95
DG3d5.3D6L66A	●	5.3	21	6	66	24	0.96
DG3d5.4D6L66A	●	5.4	21	6	66	24	0.98
DG3d5.5D6L66A	●	5.5	21	6	66	24	1.00
DG3d5.6D6L66A	●	5.6	21	6	66	24	1.02
DG3d5.7D6L66A	●	5.7	21	6	66	24	1.04
DG3d5.8D6L66A	●	5.8	21	6	66	24	1.06
DG3d5.9D6L66A	●	5.9	21	6	66	24	1.07
DG3d6D6L66A	●	6.0	21	6	66	24	1.09
DG3d6.1D8L79A	●	6.1	30	8	79	34	1.11
DG3d6.2D8L79A	●	6.2	30	8	79	34	1.13
DG3d6.3D8L79A	●	6.3	30	8	79	34	1.15
DG3d6.4D8L79A	●	6.4	30	8	79	34	1.16
DG3d6.5D8L79A	●	6.5	30	8	79	34	1.18
DG3d6.6D8L79A	●	6.6	30	8	79	34	1.20
DG3d6.7D8L79A	●	6.7	30	8	79	34	1.22
DG3d6.8D8L79A	●	6.8	30	8	79	34	1.24
DG3d6.9D8L79A	●	6.9	30	8	79	34	1.26
DG3d7D8L79A	●	7.0	30	8	79	34	1.27
DG3d7.1D8L79A	●	7.1	30	8	79	34	1.29
DG3d7.2D8L79A	●	7.2	30	8	79	34	1.31
DG3d7.3D8L79A	●	7.3	30	8	79	34	1.33
DG3d7.4D8L79A	●	7.4	30	8	79	34	1.35
DG3d7.5D8L79A	●	7.5	30	8	79	34	1.36
DG3d7.6D8L79A	●	7.6	30	8	79	34	1.38

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d7.7D8L79A	●	7.7	30	8	79	34	1.40
DG3d7.8D8L79A	●	7.8	30	8	79	34	1.42
DG3d7.9D8L79A	●	7.9	30	8	79	34	1.44
DG3d8D8L79A	●	8.0	30	8	79	34	1.46
DG3d8.1D10L89A	●	8.1	43	10	89	47	1.47
DG3d8.2D10L89A	●	8.2	43	10	89	47	1.49
DG3d8.3D10L89A	●	8.3	43	10	89	47	1.51
DG3d8.4D10L89A	●	8.4	43	10	89	47	1.53
DG3d8.5D10L89A	●	8.5	43	10	89	47	1.55
DG3d8.6D10L89A	●	8.6	43	10	89	47	1.57
DG3d8.7D10L89A	●	8.7	43	10	89	47	1.58
DG3d8.8D10L89A	●	8.8	43	10	89	47	1.60
DG3d8.9D10L89A	●	8.9	43	10	89	47	1.62
DG3d9D10L89A	●	9.0	43	10	89	47	1.64
DG3d9.1D10L89A	●	9.1	43	10	89	47	1.66
DG3d9.2D10L89A	●	9.2	43	10	89	47	1.67
DG3d9.3D10L89A	●	9.3	43	10	89	47	1.69
DG3d9.4D10L89A	●	9.4	43	10	89	47	1.71
DG3d9.5D10L89A	●	9.5	43	10	89	47	1.73
DG3d9.6D10L89A	●	9.6	43	10	89	47	1.75
DG3d9.7D10L89A	●	9.7	43	10	89	47	1.77
DG3d9.8D10L89A	●	9.8	43	10	89	47	1.78
DG3d9.9D10L89A	●	9.9	43	10	89	47	1.80
DG3d10D10L89A	●	10.0	43	10	89	47	1.82
DG3d10.1D12L102A	●	10.1	50	12	102	55	1.84
DG3d10.2D12L102A	●	10.2	50	12	102	55	1.86
DG3d10.3D12L102A	●	10.3	50	12	102	55	1.87
DG3d10.4D12L102A	●	10.4	50	12	102	55	1.89
DG3d10.5D12L102A	●	10.5	50	12	102	55	1.91
DG3d10.6D12L102A	●	10.6	50	12	102	55	1.93
DG3d10.7D12L102A	●	10.7	50	12	102	55	1.95
DG3d10.8D12L102A	●	10.8	50	12	102	55	1.97
DG3d10.9D12L102A	●	10.9	50	12	102	55	1.98
DG3d11D12L102A	●	11.0	50	12	102	55	2.00
DG3d11.1D12L102A	●	11.1	50	12	102	55	2.02
DG3d11.2D12L102A	●	11.2	50	12	102	55	2.04
DG3d11.3D12L102A	●	11.3	50	12	102	55	2.06
DG3d11.4D12L102A	●	11.4	50	12	102	55	2.07
DG3d11.5D12L102A	●	11.5	50	12	102	55	2.09
DG3d11.6D12L102A	●	11.6	50	12	102	55	2.11
DG3d11.7D12L102A	●	11.7	50	12	102	55	2.13
DG3d11.8D12L102A	●	11.8	50	12	102	55	2.15
DG3d11.9D12L102A	●	11.9	50	12	102	55	2.17
DG3d12D12L102A	●	12.0	50	12	102	55	2.18
DG3d12.1D14L107A	●	12.1	54	14	107	60	2.20
DG3d12.2D14L107A	●	12.2	54	14	107	60	2.22
DG3d12.3D14L107A	●	12.3	54	14	107	60	2.24

外冷钻头 External coolant

通用高性能整体硬质合金钻头 (3D)

Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d12.4D14L107A	●	12.4	54	14	107	60	2.26
DG3d12.5D14L107A	●	12.5	54	14	107	60	2.27
DG3d12.6D14L107A	●	12.6	54	14	107	60	2.29
DG3d12.7D14L107A	●	12.7	54	14	107	60	2.31
DG3d12.8D14L107A	●	12.8	54	14	107	60	2.33
DG3d12.9D14L107A	●	12.9	54	14	107	60	2.35
DG3d13D14L107A	●	13.0	54	14	107	60	2.37
DG3d13.1D14L107A	●	13.1	54	14	107	60	2.38
DG3d13.2D14L107A	●	13.2	54	14	107	60	2.40
DG3d13.3D14L107A	●	13.3	54	14	107	60	2.42
DG3d13.4D14L107A	●	13.4	54	14	107	60	2.44
DG3d13.5D14L107A	●	13.5	54	14	107	60	2.46
DG3d13.6D14L107A	●	13.6	54	14	107	60	2.47
DG3d13.7D14L107A	●	13.7	54	14	107	60	2.49
DG3d13.8D14L107A	●	13.8	54	14	107	60	2.51
DG3d13.9D14L107A	●	13.9	54	14	107	60	2.53
DG3d14D14L107A	●	14.0	54	14	107	60	2.55
DG3d14.1D16L115A	●	14.1	59	16	115	65	2.57
DG3d14.2D16L115A	●	14.2	59	16	115	65	2.58
DG3d14.3D16L115A	●	14.3	59	16	115	65	2.60
DG3d14.4D16L115A	●	14.4	59	16	115	65	2.62
DG3d14.5D16L115A	●	14.5	59	16	115	65	2.64
DG3d14.6D16L115A	●	14.6	59	16	115	65	2.66
DG3d14.7D16L115A	●	14.7	59	16	115	65	2.68
DG3d14.8D16L115A	●	14.8	59	16	115	65	2.69
DG3d14.9D16L115A	●	14.9	59	16	115	65	2.71
DG3d15D16L115A	●	15.0	59	16	115	65	2.73
DG3d15.1D16L115A	●	15.1	59	16	115	65	2.75
DG3d15.2D16L115A	●	15.2	59	16	115	65	2.77
DG3d15.3D16L115A	●	15.3	59	16	115	65	2.78
DG3d15.4D16L115A	●	15.4	59	16	115	65	2.80
DG3d15.5D16L115A	●	15.5	59	16	115	65	2.82
DG3d15.6D16L115A	●	15.6	59	16	115	65	2.84
DG3d15.7D16L115A	●	15.7	59	16	115	65	2.86
DG3d15.8D16L115A	●	15.8	59	16	115	65	2.88
DG3d15.9D16L115A	●	15.9	59	16	115	65	2.89
DG3d16D16L115A	●	16.0	59	16	115	65	2.91
DG3d16.1D18L123A	●	16.1	67	18	123	73	2.93
DG3d16.2D18L123A	●	16.2	67	18	123	73	2.95

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d16.3D18L123A	●	16.3	67	18	123	73	2.97
DG3d16.4D18L123A	●	16.4	67	18	123	73	2.98
DG3d16.5D18L123A	●	16.5	67	18	123	73	3.00
DG3d16.6D18L123A	●	16.6	67	18	123	73	3.02
DG3d16.7D18L123A	●	16.7	67	18	123	73	3.04
DG3d16.8D18L123A	●	16.8	67	18	123	73	3.06
DG3d16.9D18L123A	●	16.9	67	18	123	73	3.08
DG3d17D18L123A	●	17.0	67	18	123	73	3.09
DG3d17.1D18L123A	●	17.1	67	18	123	73	3.11
DG3d17.2D18L123A	●	17.2	67	18	123	73	3.13
DG3d17.3D18L123A	●	17.3	67	18	123	73	3.15
DG3d17.4D18L123A	●	17.4	67	18	123	73	3.17
DG3d17.5D18L123A	●	17.5	67	18	123	73	3.18
DG3d17.6D18L123A	●	17.6	67	18	123	73	3.20
DG3d17.7D18L123A	●	17.7	67	18	123	73	3.22
DG3d17.8D18L123A	●	17.8	67	18	123	73	3.24
DG3d17.9D18L123A	●	17.9	67	18	123	73	3.26
DG3d18D18L123A	●	18.0	67	18	123	73	3.28
DG3d18.1D20L131A	●	18.1	73	20	131	79	3.29
DG3d18.2D20L131A	●	18.2	73	20	131	79	3.31
DG3d18.3D20L131A	●	18.3	73	20	131	79	3.33
DG3d18.4D20L131A	●	18.4	73	20	131	79	3.35
DG3d18.5D20L131A	●	18.5	73	20	131	79	3.37
DG3d18.6D20L131A	●	18.6	73	20	131	79	3.38
DG3d18.7D20L131A	●	18.7	73	20	131	79	3.40
DG3d18.8D20L131A	●	18.8	73	20	131	79	3.42
DG3d18.9D20L131A	●	18.9	73	20	131	79	3.44
DG3d19D20L131A	●	19.0	73	20	131	79	3.46
DG3d19.1D20L131A	●	19.1	73	20	131	79	3.48
DG3d19.2D20L131A	●	19.2	73	20	131	79	3.49
DG3d19.3D20L131A	●	19.3	73	20	131	79	3.51
DG3d19.4D20L131A	●	19.4	73	20	131	79	3.53
DG3d19.5D20L131A	●	19.5	73	20	131	79	3.55
DG3d19.6D20L131A	●	19.6	73	20	131	79	3.57
DG3d19.7D20L131A	●	19.7	73	20	131	79	3.59
DG3d19.8D20L131A	●	19.8	73	20	131	79	3.60
DG3d19.9D20L131A	●	19.9	73	20	131	79	3.62
DG3d20D20L131A	●	20.0	73	20	131	79	3.64

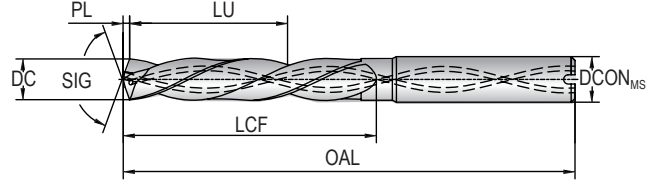
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内冷钻头 Internal coolant

通用高性能整体硬质合金钻头 (3D)

Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

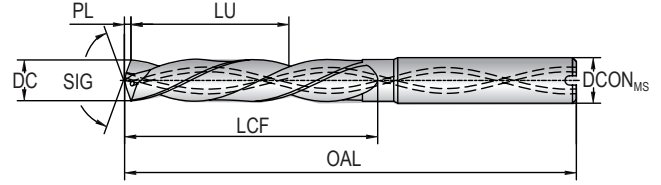
型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d3D6L62AC	●	3.0	17	6	62	20	0.55
DG3d3.1D6L62AC	●	3.1	17	6	62	20	0.56
DG3d3.2D6L62AC	●	3.2	17	6	62	20	0.58
DG3d3.3D6L62AC	●	3.3	17	6	62	20	0.60
DG3d3.4D6L62AC	●	3.4	17	6	62	20	0.62
DG3d3.5D6L62AC	●	3.5	17	6	62	20	0.64
DG3d3.6D6L62AC	●	3.6	17	6	62	20	0.66
DG3d3.7D6L62AC	●	3.7	17	6	62	20	0.67
DG3d3.8D6L66AC	●	3.8	21	6	66	24	0.69
DG3d3.9D6L66AC	●	3.9	21	6	66	24	0.71
DG3d4D6L66AC	●	4.0	21	6	66	24	0.73
DG3d4.1D6L66AC	●	4.1	21	6	66	24	0.75
DG3d4.2D6L66AC	●	4.2	21	6	66	24	0.76
DG3d4.3D6L66AC	●	4.3	21	6	66	24	0.78
DG3d4.4D6L66AC	●	4.4	21	6	66	24	0.80
DG3d4.5D6L66AC	●	4.5	21	6	66	24	0.82
DG3d4.6D6L66AC	●	4.6	21	6	66	24	0.84
DG3d4.7D6L66AC	●	4.7	21	6	66	24	0.86
DG3d4.8D6L66AC	●	4.8	21	6	66	24	0.87
DG3d4.9D6L66AC	●	4.9	21	6	66	24	0.89
DG3d5D6L66AC	●	5.0	21	6	66	24	0.91
DG3d5.1D6L66AC	●	5.1	21	6	66	24	0.93
DG3d5.2D6L66AC	●	5.2	21	6	66	24	0.95
DG3d5.3D6L66AC	●	5.3	21	6	66	24	0.96
DG3d5.4D6L66AC	●	5.4	21	6	66	24	0.98
DG3d5.5D6L66AC	●	5.5	21	6	66	24	1.00
DG3d5.6D6L66AC	●	5.6	21	6	66	24	1.02
DG3d5.7D6L66AC	●	5.7	21	6	66	24	1.04
DG3d5.8D6L66AC	●	5.8	21	6	66	24	1.06
DG3d5.9D6L66AC	●	5.9	21	6	66	24	1.07
DG3d6D6L66AC	●	6.0	21	6	66	24	1.09
DG3d6.1D8L79AC	●	6.1	30	8	79	34	1.11
DG3d6.2D8L79AC	●	6.2	30	8	79	34	1.13
DG3d6.3D8L79AC	●	6.3	30	8	79	34	1.15
DG3d6.4D8L79AC	●	6.4	30	8	79	34	1.16
DG3d6.5D8L79AC	●	6.5	30	8	79	34	1.18
DG3d6.6D8L79AC	●	6.6	30	8	79	34	1.20
DG3d6.7D8L79AC	●	6.7	30	8	79	34	1.22
DG3d6.8D8L79AC	●	6.8	30	8	79	34	1.24
DG3d6.9D8L79AC	●	6.9	30	8	79	34	1.26
DG3d7D8L79AC	●	7.0	30	8	79	34	1.27
DG3d7.1D8L79AC	●	7.1	30	8	79	34	1.29
DG3d7.2D8L79AC	●	7.2	30	8	79	34	1.31
DG3d7.3D8L79AC	●	7.3	30	8	79	34	1.33
DG3d7.4D8L79AC	●	7.4	30	8	79	34	1.35
DG3d7.5D8L79AC	●	7.5	30	8	79	34	1.36
DG3d7.6D8L79AC	●	7.6	30	8	79	34	1.38

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d7.7D8L79AC	●	7.7	30	8	79	34	1.40
DG3d7.8D8L79AC	●	7.8	30	8	79	34	1.42
DG3d7.9D8L79AC	●	7.9	30	8	79	34	1.44
DG3d8D8L79AC	●	8.0	30	8	79	34	1.46
DG3d8.1D10L89AC	●	8.1	43	10	89	47	1.47
DG3d8.2D10L89AC	●	8.2	43	10	89	47	1.49
DG3d8.3D10L89AC	●	8.3	43	10	89	47	1.51
DG3d8.4D10L89AC	●	8.4	43	10	89	47	1.53
DG3d8.5D10L89AC	●	8.5	43	10	89	47	1.55
DG3d8.6D10L89AC	●	8.6	43	10	89	47	1.57
DG3d8.7D10L89AC	●	8.7	43	10	89	47	1.58
DG3d8.8D10L89AC	●	8.8	43	10	89	47	1.60
DG3d8.9D10L89AC	●	8.9	43	10	89	47	1.62
DG3d9D10L89AC	●	9.0	43	10	89	47	1.64
DG3d9.1D10L89AC	●	9.1	43	10	89	47	1.66
DG3d9.2D10L89AC	●	9.2	43	10	89	47	1.67
DG3d9.3D10L89AC	●	9.3	43	10	89	47	1.69
DG3d9.4D10L89AC	●	9.4	43	10	89	47	1.71
DG3d9.5D10L89AC	●	9.5	43	10	89	47	1.73
DG3d9.6D10L89AC	●	9.6	43	10	89	47	1.75
DG3d9.7D10L89AC	●	9.7	43	10	89	47	1.77
DG3d9.8D10L89AC	●	9.8	43	10	89	47	1.78
DG3d9.9D10L89AC	●	9.9	43	10	89	47	1.80
DG3d10D10L89AC	●	10.0	43	10	89	47	1.82
DG3d10.1D12L102AC	●	10.1	50	12	102	55	1.84
DG3d10.2D12L102AC	●	10.2	50	12	102	55	1.86
DG3d10.3D12L102AC	●	10.3	50	12	102	55	1.87
DG3d10.4D12L102AC	●	10.4	50	12	102	55	1.89
DG3d10.5D12L102AC	●	10.5	50	12	102	55	1.91
DG3d10.6D12L102AC	●	10.6	50	12	102	55	1.93
DG3d10.7D12L102AC	●	10.7	50	12	102	55	1.95
DG3d10.8D12L102AC	●	10.8	50	12	102	55	1.97
DG3d10.9D12L102AC	●	10.9	50	12	102	55	1.98
DG3d11D12L102AC	●	11.0	50	12	102	55	2.00
DG3d11.1D12L102AC	●	11.1	50	12	102	55	2.02
DG3d11.2D12L102AC	●	11.2	50	12	102	55	2.04
DG3d11.3D12L102AC	●	11.3	50	12	102	55	2.06
DG3d11.4D12L102AC	●	11.4	50	12	102	55	2.07
DG3d11.5D12L102AC	●	11.5	50	12	102	55	2.09
DG3d11.6D12L102AC	●	11.6	50	12	102	55	2.11
DG3d11.7D12L102AC	●	11.7	50	12	102	55	2.13
DG3d11.8D12L102AC	●	11.8	50	12	102	55	2.15
DG3d11.9D12L102AC	●	11.9	50	12	102	55	2.17
DG3d12D12L102AC	●	12.0	50	12	102	55	2.18
DG3d12.1D14L107AC	●	12.1	54	14	107	60	2.20
DG3d12.2D14L107AC	●	12.2	54	14	107	60	2.22
DG3d12.3D14L107AC	●	12.3	54	14	107	60	2.24

内冷钻头 Internal coolant

通用高性能整体硬质合金钻头 (3D)

Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d12.4D14L107AC	●	12.4	54	14	107	60	2.26
DG3d12.5D14L107AC	●	12.5	54	14	107	60	2.27
DG3d12.6D14L107AC	●	12.6	54	14	107	60	2.29
DG3d12.7D14L107AC	●	12.7	54	14	107	60	2.31
DG3d12.8D14L107AC	●	12.8	54	14	107	60	2.33
DG3d12.9D14L107AC	●	12.9	54	14	107	60	2.35
DG3d13D14L107AC	●	13.0	54	14	107	60	2.37
DG3d13.1D14L107AC	●	13.1	54	14	107	60	2.38
DG3d13.2D14L107AC	●	13.2	54	14	107	60	2.40
DG3d13.3D14L107AC	●	13.3	54	14	107	60	2.42
DG3d13.4D14L107AC	●	13.4	54	14	107	60	2.44
DG3d13.5D14L107AC	●	13.5	54	14	107	60	2.46
DG3d13.6D14L107AC	●	13.6	54	14	107	60	2.47
DG3d13.7D14L107AC	●	13.7	54	14	107	60	2.49
DG3d13.8D14L107AC	●	13.8	54	14	107	60	2.51
DG3d13.9D14L107AC	●	13.9	54	14	107	60	2.53
DG3d14D14L107AC	●	14.0	54	14	107	60	2.55
DG3d14.1D16L115AC	●	14.1	59	16	115	65	2.57
DG3d14.2D16L115AC	●	14.2	59	16	115	65	2.58
DG3d14.3D16L115AC	●	14.3	59	16	115	65	2.60
DG3d14.4D16L115AC	●	14.4	59	16	115	65	2.62
DG3d14.5D16L115AC	●	14.5	59	16	115	65	2.64
DG3d14.6D16L115AC	●	14.6	59	16	115	65	2.66
DG3d14.7D16L115AC	●	14.7	59	16	115	65	2.68
DG3d14.8D16L115AC	●	14.8	59	16	115	65	2.69
DG3d14.9D16L115AC	●	14.9	59	16	115	65	2.71
DG3d15D16L115AC	●	15.0	59	16	115	65	2.73
DG3d15.1D16L115AC	●	15.1	59	16	115	65	2.75
DG3d15.2D16L115AC	●	15.2	59	16	115	65	2.77
DG3d15.3D16L115AC	●	15.3	59	16	115	65	2.78
DG3d15.4D16L115AC	●	15.4	59	16	115	65	2.80
DG3d15.5D16L115AC	●	15.5	59	16	115	65	2.82
DG3d15.6D16L115AC	●	15.6	59	16	115	65	2.84
DG3d15.7D16L115AC	●	15.7	59	16	115	65	2.86
DG3d15.8D16L115AC	●	15.8	59	16	115	65	2.88
DG3d15.9D16L115AC	●	15.9	59	16	115	65	2.89
DG3d16D16L115AC	●	16.0	59	16	115	65	2.91
DG3d16.1D18L123AC	●	16.1	67	18	123	73	2.93
DG3d16.2D18L123AC	●	16.2	67	18	123	73	2.95

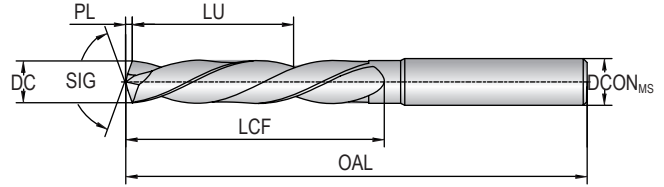
型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG3d16.3D18L123AC	●	16.3	67	18	123	73	2.97
DG3d16.4D18L123AC	●	16.4	67	18	123	73	2.98
DG3d16.5D18L123AC	●	16.5	67	18	123	73	3.00
DG3d16.6D18L123AC	●	16.6	67	18	123	73	3.02
DG3d16.7D18L123AC	●	16.7	67	18	123	73	3.04
DG3d16.8D18L123AC	●	16.8	67	18	123	73	3.06
DG3d16.9D18L123AC	●	16.9	67	18	123	73	3.08
DG3d17D18L123AC	●	17.0	67	18	123	73	3.09
DG3d17.1D18L123AC	●	17.1	67	18	123	73	3.11
DG3d17.2D18L123AC	●	17.2	67	18	123	73	3.13
DG3d17.3D18L123AC	●	17.3	67	18	123	73	3.15
DG3d17.4D18L123AC	●	17.4	67	18	123	73	3.17
DG3d17.5D18L123AC	●	17.5	67	18	123	73	3.18
DG3d17.6D18L123AC	●	17.6	67	18	123	73	3.20
DG3d17.7D18L123AC	●	17.7	67	18	123	73	3.22
DG3d17.8D18L123AC	●	17.8	67	18	123	73	3.24
DG3d17.9D18L123AC	●	17.9	67	18	123	73	3.26
DG3d18D18L123AC	●	18.0	67	18	123	73	3.28
DG3d18.1D20L131AC	●	18.1	73	20	131	79	3.29
DG3d18.2D20L131AC	●	18.2	73	20	131	79	3.31
DG3d18.3D20L131AC	●	18.3	73	20	131	79	3.33
DG3d18.4D20L131AC	●	18.4	73	20	131	79	3.35
DG3d18.5D20L131AC	●	18.5	73	20	131	79	3.37
DG3d18.6D20L131AC	●	18.6	73	20	131	79	3.38
DG3d18.7D20L131AC	●	18.7	73	20	131	79	3.40
DG3d18.8D20L131AC	●	18.8	73	20	131	79	3.42
DG3d18.9D20L131AC	●	18.9	73	20	131	79	3.44
DG3d19D20L131AC	●	19.0	73	20	131	79	3.46
DG3d19.1D20L131AC	●	19.1	73	20	131	79	3.48
DG3d19.2D20L131AC	●	19.2	73	20	131	79	3.49
DG3d19.3D20L131AC	●	19.3	73	20	131	79	3.51
DG3d19.4D20L131AC	●	19.4	73	20	131	79	3.53
DG3d19.5D20L131AC	●	19.5	73	20	131	79	3.55
DG3d19.6D20L131AC	●	19.6	73	20	131	79	3.57
DG3d19.7D20L131AC	●	19.7	73	20	131	79	3.59
DG3d19.8D20L131AC	●	19.8	73	20	131	79	3.60
DG3d19.9D20L131AC	●	19.9	73	20	131	79	3.62
DG3d20D20L131AC	●	20.0	73	20	131	79	3.64

* 如需非标定制 (特殊直径和长径比等), 请联系我们。
* Tailor made for your specific requirements.

● 标准库存 standard stock ○ 订单生产 Make to order

外冷钻头 External coolant

通用高性能整体硬质合金钻头 (5D) Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

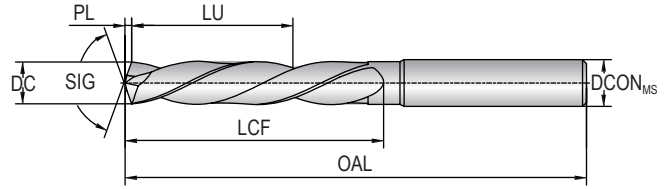
型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d3.1D6L66A	●	3	25	6	66	28	0.55
DG5d3.1D6L66A	●	3.1	25	6	66	28	0.56
DG5d3.2D6L66A	●	3.2	25	6	66	28	0.58
DG5d3.3D6L66A	●	3.3	25	6	66	28	0.60
DG5d3.4D6L66A	●	3.4	25	6	66	28	0.62
DG5d3.5D6L66A	●	3.5	25	6	66	28	0.64
DG5d3.6D6L66A	●	3.6	25	6	66	28	0.66
DG5d3.7D6L66A	●	3.7	25	6	66	28	0.67
DG5d3.8D6L74A	●	3.8	32	6	74	36	0.69
DG5d3.9D6L74A	●	3.9	32	6	74	36	0.71
DG5d4D6L74A	●	4	32	6	74	36	0.73
DG5d4.1D6L74A	●	4.1	32	6	74	36	0.75
DG5d4.2D6L74A	●	4.2	32	6	74	36	0.76
DG5d4.3D6L74A	●	4.3	32	6	74	36	0.78
DG5d4.4D6L74A	●	4.4	32	6	74	36	0.80
DG5d4.5D6L74A	●	4.5	32	6	74	36	0.82
DG5d4.6D6L74A	●	4.6	32	6	74	36	0.84
DG5d4.7D6L74A	●	4.7	32	6	74	36	0.86
DG5d4.8D6L82A	●	4.8	40	6	82	44	0.87
DG5d4.9D6L82A	●	4.9	40	6	82	44	0.89
DG5d5D6L82A	●	5	40	6	82	44	0.91
DG5d5.1D6L82A	●	5.1	40	6	82	44	0.93
DG5d5.2D6L82A	●	5.2	40	6	82	44	0.95
DG5d5.3D6L82A	●	5.3	40	6	82	44	0.96
DG5d5.4D6L82A	●	5.4	40	6	82	44	0.98
DG5d5.5D6L82A	●	5.5	40	6	82	44	1.00
DG5d5.6D6L82A	●	5.6	40	6	82	44	1.02
DG5d5.7D6L82A	●	5.7	40	6	82	44	1.04
DG5d5.8D6L82A	●	5.8	40	6	82	44	1.06
DG5d5.9D6L82A	●	5.9	40	6	82	44	1.07
DG5d6D6L82A	●	6	40	6	82	44	1.09
DG5d6.1D8L91A	●	6.1	50	8	91	53	1.11
DG5d6.2D8L91A	●	6.2	50	8	91	53	1.13
DG5d6.3D8L91A	●	6.3	50	8	91	53	1.15
DG5d6.4D8L91A	●	6.4	50	8	91	53	1.16
DG5d6.5D8L91A	●	6.5	50	8	91	53	1.18
DG5d6.6D8L91A	●	6.6	50	8	91	53	1.20
DG5d6.7D8L91A	●	6.7	50	8	91	53	1.22
DG5d6.8D8L91A	●	6.8	50	8	91	53	1.24
DG5d6.9D8L91A	●	6.9	50	8	91	53	1.26
DG5d7D8L91A	●	7	50	8	91	53	1.27
DG5d7.1D8L91A	●	7.1	50	8	91	53	1.29
DG5d7.2D8L91A	●	7.2	50	8	91	53	1.31
DG5d7.3D8L91A	●	7.3	50	8	91	53	1.33
DG5d7.4D8L91A	●	7.4	50	8	91	53	1.35
DG5d7.5D8L91A	●	7.5	50	8	91	53	1.36
DG5d7.6D8L91A	●	7.6	50	8	91	53	1.38

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d7.7D8L91A	●	7.7	50	8	91	53	1.40
DG5d7.8D8L91A	●	7.8	50	8	91	53	1.42
DG5d7.9D8L91A	●	7.9	50	8	91	53	1.44
DG5d8D8L91A	●	8	50	8	91	53	1.46
DG5d8.1D10L103A	●	8.1	57	10	103	61	1.47
DG5d8.2D10L103A	●	8.2	57	10	103	61	1.49
DG5d8.3D10L103A	●	8.3	57	10	103	61	1.51
DG5d8.4D10L103A	●	8.4	57	10	103	61	1.53
DG5d8.5D10L103A	●	8.5	57	10	103	61	1.55
DG5d8.6D10L103A	●	8.6	57	10	103	61	1.57
DG5d8.7D10L103A	●	8.7	57	10	103	61	1.58
DG5d8.8D10L103A	●	8.8	57	10	103	61	1.60
DG5d8.9D10L103A	●	8.9	57	10	103	61	1.62
DG5d9D10L103A	●	9	57	10	103	61	1.64
DG5d9.1D10L103A	●	9.1	57	10	103	61	1.66
DG5d9.2D10L103A	●	9.2	57	10	103	61	1.67
DG5d9.3D10L103A	●	9.3	57	10	103	61	1.69
DG5d9.4D10L103A	●	9.4	57	10	103	61	1.71
DG5d9.5D10L103A	●	9.5	57	10	103	61	1.73
DG5d9.6D10L103A	●	9.6	57	10	103	61	1.75
DG5d9.7D10L103A	●	9.7	57	10	103	61	1.77
DG5d9.8D10L103A	●	9.8	57	10	103	61	1.78
DG5d9.9D10L103A	●	9.9	57	10	103	61	1.80
DG5d10D10L103A	●	10	57	10	103	61	1.82
DG5d10.1D12L118A	●	10.1	65	12	118	71	1.84
DG5d10.2D12L118A	●	10.2	65	12	118	71	1.86
DG5d10.3D12L118A	●	10.3	65	12	118	71	1.87
DG5d10.4D12L118A	●	10.4	65	12	118	71	1.89
DG5d10.5D12L118A	●	10.5	65	12	118	71	1.91
DG5d10.6D12L118A	●	10.6	65	12	118	71	1.93
DG5d10.7D12L118A	●	10.7	65	12	118	71	1.95
DG5d10.8D12L118A	●	10.8	65	12	118	71	1.97
DG5d10.9D12L118A	●	10.9	65	12	118	71	1.98
DG5d11D12L118A	●	11	65	12	118	71	2.00
DG5d11.1D12L118A	●	11.1	65	12	118	71	2.02
DG5d11.2D12L118A	●	11.2	65	12	118	71	2.04
DG5d11.3D12L118A	●	11.3	65	12	118	71	2.06
DG5d11.4D12L118A	●	11.4	65	12	118	71	2.07
DG5d11.5D12L118A	●	11.5	65	12	118	71	2.09
DG5d11.6D12L118A	●	11.6	65	12	118	71	2.11
DG5d11.7D12L118A	●	11.7	65	12	118	71	2.13
DG5d11.8D12L118A	●	11.8	65	12	118	71	2.15
DG5d11.9D12L118A	●	11.9	65	12	118	71	2.17
DG5d12D12L118A	●	12	65	12	118	71	2.18
DG5d12.1D14L124A	●	12.1	72	14	124	77	2.20
DG5d12.2D14L124A	●	12.2	72	14	124	77	2.22
DG5d12.3D14L124A	●	12.3	72	14	124	77	2.24

外冷钻头 External coolant

通用高性能整体硬质合金钻头 (5D)

Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d12.4D14L124A	●	12.4	72	14	124	77	2.26
DG5d12.5D14L124A	●	12.5	72	14	124	77	2.27
DG5d12.6D14L124A	●	12.6	72	14	124	77	2.29
DG5d12.7D14L124A	●	12.7	72	14	124	77	2.31
DG5d12.8D14L124A	●	12.8	72	14	124	77	2.33
DG5d12.9D14L124A	●	12.9	72	14	124	77	2.35
DG5d13D14L124A	●	13	72	14	124	77	2.37
DG5d13.1D14L124A	●	13.1	72	14	124	77	2.38
DG5d13.2D14L124A	●	13.2	72	14	124	77	2.40
DG5d13.3D14L124A	●	13.3	72	14	124	77	2.42
DG5d13.4D14L124A	●	13.4	72	14	124	77	2.44
DG5d13.5D14L124A	●	13.5	72	14	124	77	2.46
DG5d13.6D14L124A	●	13.6	72	14	124	77	2.47
DG5d13.7D14L124A	●	13.7	72	14	124	77	2.49
DG5d13.8D14L124A	●	13.8	72	14	124	77	2.51
DG5d13.9D14L124A	●	13.9	72	14	124	77	2.53
DG5d14D14L124A	●	14	72	14	124	77	2.55
DG5d14.1D16L133A	●	14.1	77	16	133	83	2.57
DG5d14.2D16L133A	●	14.2	77	16	133	83	2.58
DG5d14.3D16L133A	●	14.3	77	16	133	83	2.60
DG5d14.4D16L133A	●	14.4	77	16	133	83	2.62
DG5d14.5D16L133A	●	14.5	77	16	133	83	2.64
DG5d14.6D16L133A	●	14.6	77	16	133	83	2.66
DG5d14.7D16L133A	●	14.7	77	16	133	83	2.68
DG5d14.8D16L133A	●	14.8	77	16	133	83	2.69
DG5d14.9D16L133A	●	14.9	77	16	133	83	2.71
DG5d15D16L133A	●	15	77	16	133	83	2.73
DG5d15.1D16L133A	●	15.1	77	16	133	83	2.75
DG5d15.2D16L133A	●	15.2	77	16	133	83	2.77
DG5d15.3D16L133A	●	15.3	77	16	133	83	2.78
DG5d15.4D16L133A	●	15.4	77	16	133	83	2.80
DG5d15.5D16L133A	●	15.5	77	16	133	83	2.82
DG5d15.6D16L133A	●	15.6	77	16	133	83	2.84
DG5d15.7D16L133A	●	15.7	77	16	133	83	2.86
DG5d15.8D16L133A	●	15.8	77	16	133	83	2.88
DG5d15.9D16L133A	●	15.9	77	16	133	83	2.89
DG5d16D16L133A	●	16	77	16	133	83	2.91
DG5d16.1D18L143A	●	16.1	87	18	143	93	2.93
DG5d16.2D18L143A	●	16.2	87	18	143	93	2.95

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d16.3D18L143A	●	16.3	87	18	143	93	2.97
DG5d16.4D18L143A	●	16.4	87	18	143	93	2.98
DG5d16.5D18L143A	●	16.5	87	18	143	93	3.00
DG5d16.6D18L143A	●	16.6	87	18	143	93	3.02
DG5d16.7D18L143A	●	16.7	87	18	143	93	3.04
DG5d16.8D18L143A	●	16.8	87	18	143	93	3.06
DG5d16.9D18L143A	●	16.9	87	18	143	93	3.08
DG5d17D18L143A	●	17	87	18	143	93	3.09
DG5d17.1D18L143A	●	17.1	87	18	143	93	3.11
DG5d17.2D18L143A	●	17.2	87	18	143	93	3.13
DG5d17.3D18L143A	●	17.3	87	18	143	93	3.15
DG5d17.4D18L143A	●	17.4	87	18	143	93	3.17
DG5d17.5D18L143A	●	17.5	87	18	143	93	3.18
DG5d17.6D18L143A	●	17.6	87	18	143	93	3.20
DG5d17.7D18L143A	●	17.7	87	18	143	93	3.22
DG5d17.8D18L143A	●	17.8	87	18	143	93	3.24
DG5d17.9D18L143A	●	17.9	87	18	143	93	3.26
DG5d18D18L143A	●	18	87	18	143	93	3.28
DG5d18.1D20L153A	●	18.1	95	20	153	101	3.29
DG5d18.2D20L153A	●	18.2	95	20	153	101	3.31
DG5d18.3D20L153A	●	18.3	95	20	153	101	3.33
DG5d18.4D20L153A	●	18.4	95	20	153	101	3.35
DG5d18.5D20L153A	●	18.5	95	20	153	101	3.37
DG5d18.6D20L153A	●	18.6	95	20	153	101	3.38
DG5d18.7D20L153A	●	18.7	95	20	153	101	3.40
DG5d18.8D20L153A	●	18.8	95	20	153	101	3.42
DG5d18.9D20L153A	●	18.9	95	20	153	101	3.44
DG5d19D20L153A	●	19	95	20	153	101	3.46
DG5d19.1D20L153A	●	19.1	95	20	153	101	3.48
DG5d19.2D20L153A	●	19.2	95	20	153	101	3.49
DG5d19.3D20L153A	●	19.3	95	20	153	101	3.51
DG5d19.4D20L153A	●	19.4	95	20	153	101	3.53
DG5d19.5D20L153A	●	19.5	95	20	153	101	3.55
DG5d19.6D20L153A	●	19.6	95	20	153	101	3.57
DG5d19.7D20L153A	●	19.7	95	20	153	101	3.59
DG5d19.8D20L153A	●	19.8	95	20	153	101	3.60
DG5d19.9D20L153A	●	19.9	95	20	153	101	3.62
DG5d20D20L153A	●	20	95	20	153	101	3.64

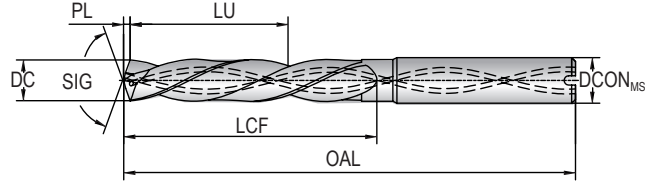
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* Tailor made for your specific requirements.

● 标准库存 ○ 订单生产

内冷钻头 Internal coolant

通用高性能整体硬质合金钻头 (5D)

Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d3D6L66AC	●	3	25	6	66	28	0.55
DG5d3.1D6L66AC	●	3.1	25	6	66	28	0.56
DG5d3.2D6L66AC	●	3.2	25	6	66	28	0.58
DG5d3.3D6L66AC	●	3.3	25	6	66	28	0.60
DG5d3.4D6L66AC	●	3.4	25	6	66	28	0.62
DG5d3.5D6L66AC	●	3.5	25	6	66	28	0.64
DG5d3.6D6L66AC	●	3.6	25	6	66	28	0.66
DG5d3.7D6L66AC	●	3.7	25	6	66	28	0.67
DG5d3.8D6L74AC	●	3.8	32	6	74	36	0.69
DG5d3.9D6L74AC	●	3.9	32	6	74	36	0.71
DG5d4D6L74AC	●	4	32	6	74	36	0.73
DG5d4.1D6L74AC	●	4.1	32	6	74	36	0.75
DG5d4.2D6L74AC	●	4.2	32	6	74	36	0.76
DG5d4.3D6L74AC	●	4.3	32	6	74	36	0.78
DG5d4.4D6L74AC	●	4.4	32	6	74	36	0.80
DG5d4.5D6L74AC	●	4.5	32	6	74	36	0.82
DG5d4.6D6L74AC	●	4.6	32	6	74	36	0.84
DG5d4.7D6L74AC	●	4.7	32	6	74	36	0.86
DG5d4.8D6L82AC	●	4.8	40	6	82	44	0.87
DG5d4.9D6L82AC	●	4.9	40	6	82	44	0.89
DG5d5D6L82AC	●	5	40	6	82	44	0.91
DG5d5.1D6L82AC	●	5.1	40	6	82	44	0.93
DG5d5.2D6L82AC	●	5.2	40	6	82	44	0.95
DG5d5.3D6L82AC	●	5.3	40	6	82	44	0.96
DG5d5.4D6L82AC	●	5.4	40	6	82	44	0.98
DG5d5.5D6L82AC	●	5.5	40	6	82	44	1.00
DG5d5.6D6L82AC	●	5.6	40	6	82	44	1.02
DG5d5.7D6L82AC	●	5.7	40	6	82	44	1.04
DG5d5.8D6L82AC	●	5.8	40	6	82	44	1.06
DG5d5.9D6L82AC	●	5.9	40	6	82	44	1.07
DG5d6D6L82AC	●	6	40	6	82	44	1.09
DG5d6.1D8L91AC	●	6.1	50	8	91	53	1.11
DG5d6.2D8L91AC	●	6.2	50	8	91	53	1.13
DG5d6.3D8L91AC	●	6.3	50	8	91	53	1.15
DG5d6.4D8L91AC	●	6.4	50	8	91	53	1.16
DG5d6.5D8L91AC	●	6.5	50	8	91	53	1.18
DG5d6.6D8L91AC	●	6.6	50	8	91	53	1.20
DG5d6.7D8L91AC	●	6.7	50	8	91	53	1.22
DG5d6.8D8L91AC	●	6.8	50	8	91	53	1.24
DG5d6.9D8L91AC	●	6.9	50	8	91	53	1.26
DG5d7D8L91AC	●	7	50	8	91	53	1.27
DG5d7.1D8L91AC	●	7.1	50	8	91	53	1.29
DG5d7.2D8L91AC	●	7.2	50	8	91	53	1.31
DG5d7.3D8L91AC	●	7.3	50	8	91	53	1.33
DG5d7.4D8L91AC	●	7.4	50	8	91	53	1.35
DG5d7.5D8L91AC	●	7.5	50	8	91	53	1.36
DG5d7.6D8L91AC	●	7.6	50	8	91	53	1.38

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d7.7D8L91AC	●	7.7	50	8	91	53	1.40
DG5d7.8D8L91AC	●	7.8	50	8	91	53	1.42
DG5d7.9D8L91AC	●	7.9	50	8	91	53	1.44
DG5d8D8L91AC	●	8	50	8	91	53	1.46
DG5d8.1D10L103AC	●	8.1	57	10	103	61	1.47
DG5d8.2D10L103AC	●	8.2	57	10	103	61	1.49
DG5d8.3D10L103AC	●	8.3	57	10	103	61	1.51
DG5d8.4D10L103AC	●	8.4	57	10	103	61	1.53
DG5d8.5D10L103AC	●	8.5	57	10	103	61	1.55
DG5d8.6D10L103AC	●	8.6	57	10	103	61	1.57
DG5d8.7D10L103AC	●	8.7	57	10	103	61	1.58
DG5d8.8D10L103AC	●	8.8	57	10	103	61	1.60
DG5d8.9D10L103AC	●	8.9	57	10	103	61	1.62
DG5d9D10L103AC	●	9	57	10	103	61	1.64
DG5d9.1D10L103AC	●	9.1	57	10	103	61	1.66
DG5d9.2D10L103AC	●	9.2	57	10	103	61	1.67
DG5d9.3D10L103AC	●	9.3	57	10	103	61	1.69
DG5d9.4D10L103AC	●	9.4	57	10	103	61	1.71
DG5d9.5D10L103AC	●	9.5	57	10	103	61	1.73
DG5d9.6D10L103AC	●	9.6	57	10	103	61	1.75
DG5d9.7D10L103AC	●	9.7	57	10	103	61	1.77
DG5d9.8D10L103AC	●	9.8	57	10	103	61	1.78
DG5d9.9D10L103AC	●	9.9	57	10	103	61	1.80
DG5d10D10L103AC	●	10	57	10	103	61	1.82
DG5d10.1D12L118AC	●	10.1	65	12	118	71	1.84
DG5d10.2D12L118AC	●	10.2	65	12	118	71	1.86
DG5d10.3D12L118AC	●	10.3	65	12	118	71	1.87
DG5d10.4D12L118AC	●	10.4	65	12	118	71	1.89
DG5d10.5D12L118AC	●	10.5	65	12	118	71	1.91
DG5d10.6D12L118AC	●	10.6	65	12	118	71	1.93
DG5d10.7D12L118AC	●	10.7	65	12	118	71	1.95
DG5d10.8D12L118AC	●	10.8	65	12	118	71	1.97
DG5d10.9D12L118AC	●	10.9	65	12	118	71	1.98
DG5d11D12L118AC	●	11	65	12	118	71	2.00
DG5d11.1D12L118AC	●	11.1	65	12	118	71	2.02
DG5d11.2D12L118AC	●	11.2	65	12	118	71	2.04
DG5d11.3D12L118AC	●	11.3	65	12	118	71	2.06
DG5d11.4D12L118AC	●	11.4	65	12	118	71	2.07
DG5d11.5D12L118AC	●	11.5	65	12	118	71	2.09
DG5d11.6D12L118AC	●	11.6	65	12	118	71	2.11
DG5d11.7D12L118AC	●	11.7	65	12	118	71	2.13
DG5d11.8D12L118AC	●	11.8	65	12	118	71	2.15
DG5d11.9D12L118AC	●	11.9	65	12	118	71	2.17
DG5d12D12L118AC	●	12	65	12	118	71	2.18
DG5d12.1D14L124AC	●	12.1	72	14	124	77	2.20
DG5d12.2D14L124AC	●	12.2	72	14	124	77	2.22
DG5d12.3D14L124AC	●	12.3	72	14	124	77	2.24

内冷钻头 Internal coolant

通用高性能整体硬质合金钻头 (5D)

Versatile High-performance Solid Carbide Drill



柄部直径公差 Shank diameter tolerance	h6
SIG	140°
最大修磨次数 Max reconditioning times	5

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d12.4D14L124AC	●	12.4	72	14	124	77	2.26
DG5d12.5D14L124AC	●	12.5	72	14	124	77	2.27
DG5d12.6D14L124AC	●	12.6	72	14	124	77	2.29
DG5d12.7D14L124AC	●	12.7	72	14	124	77	2.31
DG5d12.8D14L124AC	●	12.8	72	14	124	77	2.33
DG5d12.9D14L124AC	●	12.9	72	14	124	77	2.35
DG5d13D14L124AC	●	13	72	14	124	77	2.37
DG5d13.1D14L124AC	●	13.1	72	14	124	77	2.38
DG5d13.2D14L124AC	●	13.2	72	14	124	77	2.40
DG5d13.3D14L124AC	●	13.3	72	14	124	77	2.42
DG5d13.4D14L124AC	●	13.4	72	14	124	77	2.44
DG5d13.5D14L124AC	●	13.5	72	14	124	77	2.46
DG5d13.6D14L124AC	●	13.6	72	14	124	77	2.47
DG5d13.7D14L124AC	●	13.7	72	14	124	77	2.49
DG5d13.8D14L124AC	●	13.8	72	14	124	77	2.51
DG5d13.9D14L124AC	●	13.9	72	14	124	77	2.53
DG5d14D14L124AC	●	14	72	14	124	77	2.55
DG5d14.1D16L133AC	●	14.1	77	16	133	83	2.57
DG5d14.2D16L133AC	●	14.2	77	16	133	83	2.58
DG5d14.3D16L133AC	●	14.3	77	16	133	83	2.60
DG5d14.4D16L133AC	●	14.4	77	16	133	83	2.62
DG5d14.5D16L133AC	●	14.5	77	16	133	83	2.64
DG5d14.6D16L133AC	●	14.6	77	16	133	83	2.66
DG5d14.7D16L133AC	●	14.7	77	16	133	83	2.68
DG5d14.8D16L133AC	●	14.8	77	16	133	83	2.69
DG5d14.9D16L133AC	●	14.9	77	16	133	83	2.71
DG5d15D16L133AC	●	15	77	16	133	83	2.73
DG5d15.1D16L133AC	●	15.1	77	16	133	83	2.75
DG5d15.2D16L133AC	●	15.2	77	16	133	83	2.77
DG5d15.3D16L133AC	●	15.3	77	16	133	83	2.78
DG5d15.4D16L133AC	●	15.4	77	16	133	83	2.80
DG5d15.5D16L133AC	●	15.5	77	16	133	83	2.82
DG5d15.6D16L133AC	●	15.6	77	16	133	83	2.84
DG5d15.7D16L133AC	●	15.7	77	16	133	83	2.86
DG5d15.8D16L133AC	●	15.8	77	16	133	83	2.88
DG5d15.9D16L133AC	●	15.9	77	16	133	83	2.89
DG5d16D16L133AC	●	16	77	16	133	83	2.91
DG5d16.1D18L143AC	●	16.1	87	18	143	93	2.93
DG5d16.2D18L143AC	●	16.2	87	18	143	93	2.95

型号 Model	库存 Stock	尺寸 Dimension/mm					
		DC	LU	DCON _{MS}	OAL	LCF	PL
DG5d16.3D18L143AC	●	16.3	87	18	143	93	2.97
DG5d16.4D18L143AC	●	16.4	87	18	143	93	2.98
DG5d16.5D18L143AC	●	16.5	87	18	143	93	3.00
DG5d16.6D18L143AC	●	16.6	87	18	143	93	3.02
DG5d16.7D18L143AC	●	16.7	87	18	143	93	3.04
DG5d16.8D18L143AC	●	16.8	87	18	143	93	3.06
DG5d16.9D18L143AC	●	16.9	87	18	143	93	3.08
DG5d17D18L143AC	●	17	87	18	143	93	3.09
DG5d17.1D18L143AC	●	17.1	87	18	143	93	3.11
DG5d17.2D18L143AC	●	17.2	87	18	143	93	3.13
DG5d17.3D18L143AC	●	17.3	87	18	143	93	3.15
DG5d17.4D18L143AC	●	17.4	87	18	143	93	3.17
DG5d17.5D18L143AC	●	17.5	87	18	143	93	3.18
DG5d17.6D18L143AC	●	17.6	87	18	143	93	3.20
DG5d17.7D18L143AC	●	17.7	87	18	143	93	3.22
DG5d17.8D18L143AC	●	17.8	87	18	143	93	3.24
DG5d17.9D18L143AC	●	17.9	87	18	143	93	3.26
DG5d18D18L143AC	●	18	87	18	143	93	3.28
DG5d18.1D20L153AC	●	18.1	95	20	153	101	3.29
DG5d18.2D20L153AC	●	18.2	95	20	153	101	3.31
DG5d18.3D20L153AC	●	18.3	95	20	153	101	3.33
DG5d18.4D20L153AC	●	18.4	95	20	153	101	3.35
DG5d18.5D20L153AC	●	18.5	95	20	153	101	3.37
DG5d18.6D20L153AC	●	18.6	95	20	153	101	3.38
DG5d18.7D20L153AC	●	18.7	95	20	153	101	3.40
DG5d18.8D20L153AC	●	18.8	95	20	153	101	3.42
DG5d18.9D20L153AC	●	18.9	95	20	153	101	3.44
DG5d19D20L153AC	●	19	95	20	153	101	3.46
DG5d19.1D20L153AC	●	19.1	95	20	153	101	3.48
DG5d19.2D20L153AC	●	19.2	95	20	153	101	3.49
DG5d19.3D20L153AC	●	19.3	95	20	153	101	3.51
DG5d19.4D20L153AC	●	19.4	95	20	153	101	3.53
DG5d19.5D20L153AC	●	19.5	95	20	153	101	3.55
DG5d19.6D20L153AC	●	19.6	95	20	153	101	3.57
DG5d19.7D20L153AC	●	19.7	95	20	153	101	3.59
DG5d19.8D20L153AC	●	19.8	95	20	153	101	3.60
DG5d19.9D20L153AC	●	19.9	95	20	153	101	3.62
DG5d20D20L153AC	●	20	95	20	153	101	3.64

* 如需非标定制 (特殊直径和长径比等), 请联系我们。
* Tailor made for your specific requirements.

● 标准库存 ○ 订单生产

通用高性能整体硬质合金钻头切削参数

Versatile High-performance Solid Carbide Drills Cutting Parameters

带内冷设计 Internal coolant

ISO	MC 材料编号 MC No.	工件材料 Workpiece material	布氏硬度 Hardness Brinell	线速度 VC(m/min) Cutting speed		
				最小	起始	最大
P	非合金钢 Unalloyed steel					
	P1.1.Z.AN	C = 0.05-0.1%	125	90	130	170
	P1.1.Z.AN	C = 0.1-0.25%	125	90	130	170
	P1.2.Z.AN	C = 0.25-0.55%	150	90	120	170
	P1.3.Z.AN	C = 0.55-0.80%	170	90	120	170
	高碳钢 High carbon steel					
	P1.3.Z.AN	碳素工具钢 Carbon tool steel	210	100	110	150
	非淬硬 Non-hardened					
	P2.1.Z.AN	非淬硬 Non-hardened	175	80	110	160
	P2.5.Z.HT	调质处理 Hardened and tempered	275	50	70	90
	P2.5.Z.HT	调质处理 Hardened and tempered	350	40	50	70
	高合金钢 High alloy steel					
	P3.0.Z.AN	退火 Annealed	200	40	80	90
	P3.0.Z.HT	淬硬工具钢 Hardened tool steel	300	40	50	70
	铸钢 Steel castings					
	P1.5.C.UT	非合金 Unalloyed	150	80	110	140
P2.6.C.UT	低合金 (合金元素 ≤ 5%) Low-alloy (alloying elements ≤ 5%)	200	80	110	120	

钻头直径 Drill diameter (mm)	每转进给 Feed Fn (mm/r) *		
	最小 Min.	起始 Start	最大 Max.
3	0.06	0.1	0.13
4	0.07	0.11	0.14
6	0.11	0.18	0.24
8	0.16	0.21	0.25
10	0.19	0.23	0.27
12	0.22	0.25	0.29
16	0.23	0.28	0.33

- * 切削参数推荐值仅在使用内冷时有效。
- * 推荐的内冷切削液压力最小 20bar。
- * 硬度较高的材料，需要按比例降低转速和进给。
- * 如果使用外冷加工，需要调节转速参数以确保切屑成型良好且排屑顺畅。
- * 如果使用外冷加工，必要时降低每转进给以确保排屑顺畅。

- * Cutting data is suitable for central coolant.
- * Coolant pressure recommendation min. 20bar.
- * In case component material hardness increase, please decrease cutting speed proportionally.
- * Under peripheral coolant condition, please adjust cutting speed to secure good chips formation and evacuation.
- * Under peripheral coolant condition, please decrease feed per revolution to secure chips evacuation.

通用高性能整体硬质合金钻头切削参数

Versatile High-performance Solid Carbide Drills Cutting Parameters

带内冷设计 Internal coolant

ISO	MC 材料编号 MC No.	工件材料 Workpiece material	布氏硬度 Hardness Brinell	线速度 VC(m/min) Cutting speed		
				最小	起始	最大
M	奥氏体不锈钢 Austenitic stainless steel					
	M1.0.C.UT	铸造 + 未处理 Cast+untreated	165	48	60	72
	M1.0.Z.AQ	退火 / 淬火 Annealed/quenched	200	48	60	72
	M1.0.Z.PH	沉淀硬化 PH-hardened	350	44	55	66
	M1.1.Z.AQ	改善了可加工性 Machinability improved	165	48	60	72
	M1.2.Z.AQ	易切削 Free cutting	200	48	60	72
	M1.3.C.AQ	钛稳定化 + 铸造 Ti-stabilized+cast	200	48	60	72
	M1.3.Z.AQ	钛稳定化 Ti-stabilized	200	48	60	72
	M1.4.Z.AQ	高强度 High strength	250	64	80	96
	优质奥氏体 (Ni>20%) 不锈钢 Super austenitic (Ni>20%) stainless steel					
	M2.0.C.AQ	铸造 + 退火 / 淬火 Cast+annealed/quenched	165	30	40	50
	M2.0.Z.AQ	退火 / 淬火 Annealed/quenched	200	30	40	50
	双相 (奥氏体 / 铁素体) 不锈钢 Duplex (austenitic/ferritic) stainless steel					
	M3.1.Z.AQ >60%	铁素体 (N<0.10%) >60% ferrite (N<0.10%)	250	40	50	70
M3.2.Z.AQ <60%	铁素体 (N ≥ 0.10%) <60% ferrite (N ≥ 0.10%)	250	40	50	70	

ISO	MC 材料编号 MC No.	工件材料 Workpiece material	布氏硬度 Hardness Brinell	线速度 Cutting speed VC(m/min)	钻头直径 Drill diameter /mm			
					3-6	6.01-10	10.01-14	14.01-16
					每转进给 Feed Fn(mm/r) *			
H	H1.1.Z.HA	超硬钢, 调质处理 Haedened HRSA	50	16 - 24	0.05-0.12	0.08-0.14	0.10-0.16	0.12-0.2
	H2.0.C.UT.4	冷硬铸铁 Chilled cast iron	64	14 - 20	0.05-0.12	0.08-0.14	0.10-0.16	0.12-0.2

- * 切削参数推荐值仅在使用内冷时有效。
- * 推荐的内冷切削液压力最小 20bar。
- * 硬度较高的材料, 需要按比例降低转速和进给。
- * 如果使用外冷加工, 需要调节转速参数以确保切屑成型良好且排屑顺畅。
- * 如果使用外冷加工, 必要时降低每转进给以确保排屑顺畅。

- * Cutting data is suitable for central coolant.
- * Coolant pressure recommendation min. 20bar.
- * In case component material hardness increase, please decrease cutting speed proportionally.
- * Under peripheral coolant condition, please adjust cutting speed to secure good chips formation and evacuation.
- * Under peripheral coolant condition, please decrease feed per revolution to secure chips evacuation.

通用高性能整体硬质合金钻头切削参数

Versatile High-performance Solid Carbide Drills Cutting Parameters

带内冷设计 Internal coolant

ISO	MC 材料编号 MC No.	工件材料 Workpiece material	布氏硬度 Hardness Brinell	线速度 VC(m/min) Cutting speed		
				最小	起始	最大
K	可锻铸铁 Malleable iron					
	K1.1.C.NS	铁素体 珠光体 Ferritic Pearlitic	200	80	100	120
	灰铸铁 (GCI)					
	K2.1.C.UT	低抗拉强度 Low tensile strength	180	100	120	140
	K2.2.C.UT	高抗拉强度 High tensile strength	245	80	100	120
	K2.3.C.UT	高抗拉强度 High tensile strength	175	100	120	140
	球墨铸铁 (NDI)					
	K3.1.C.UT	铁素体 珠光体 Ferritic Pearlitic	155	100	120	140
	K3.2.C.UT	珠光体 Perlitic	215	80	100	120
	K3.3.C.UT	珠光体 Perlitic	265	100	120	140
	K3.5.C.UT	珠光体 Perlitic	190	100	120	140
	K5.1.C.UT	ADI- 等温淬火热球墨铸铁	300	60	80	100

钻头直径 Drill diameter (mm)	每转进给 Feed Fn (mm/r) *		
	最小 Min.	起始 Start	最大 Max.
3	0.08	0.1	0.12
4	0.1	0.12	0.14
6	0.12	0.16	0.18
8	0.16	0.2	0.24
10	0.2	0.25	0.3
12	0.22	0.28	0.33
16	0.25	0.32	0.38

- * 切削参数推荐值仅在使用内冷时有效。
- * 推荐的内冷切削液压力最小 20bar。
- * 硬度较高的材料，需要按比例降低转速和进给。
- * 如果使用外冷加工，需要调节转速参数以确保切屑成型良好且排屑顺畅。
- * 如果使用外冷加工，必要时降低每转进给以确保排屑顺畅。

- * Cutting data is suitable for central coolant.
- * Coolant pressure recommendation min. 20bar.
- * In case component material hardness increase, please decrease cutting speed proportionally.
- * Under peripheral coolant condition, please adjust cutting speed to secure good chips formation and evacuation.
- * Under peripheral coolant condition, please decrease feed per revolution to secure chips evacuation.

通用高性能整体硬质合金钻头切削参数

Versatile High-performance Solid Carbide Drills Cutting Parameters

带内冷设计 Internal coolant

ISO	MC 材料编号 MC No.	工件材料 Workpiece material	布氏硬度 Hardness Brinell	线速度 Cutting speed VC(m/min)	钻头直径 Drill diameter /mm			
					3-6	6.01-10	10.01-14	14.01-16
					每转进给 Feed Fn(mm/r) *			
S	S1.0.U.AN	淬硬高温合金 Hardened HRSA	200	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S1.0.U.AG		280	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S2.0.Z.AN	镍基合金 Nickel base HRSA	250	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S2.0.Z.AG		350	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S2.0.Z.UT		275	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S2.0.Z.NS	钴基合金 Cobalt base HRSA	320	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S3.0.Z.AN		200	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S3.0.Z.AG		300	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S3.0.C.NS	钛合金 Ti alloy	320	15 - 25	0.06-0.12	0.08-0.14	0.10-0.14	0.12-0.16
	S4.1.Z.UT		200	40 - 60	0.06-0.12	0.08-0.20	0.14-0.28	0.10-0.16
	S4.2.Z.AN		320	40 - 60	0.06-0.12	0.08-0.20	0.14-0.28	0.16-0.30
	S4.3.Z.AN		330	40 - 60	0.06-0.12	0.08-0.20	0.14-0.28	0.16-0.30
	S4.3.Z.AG		375	40 - 60	0.06-0.12	0.08-0.20	0.14-0.28	0.16-0.30
	S4.4.Z.AN		330	40 - 60	0.06-0.12	0.08-0.20	0.14-0.28	0.16-0.30
	S4.4.Z.AG		410	40 - 60	0.06-0.12	0.08-0.20	0.14-0.28	0.16-0.30

ISO	MC 材料编号 MC No.	工件材料 Workpiece material	布氏硬度 Hardness Brinell	线速度 Cutting speed VC(m/min)	钻头直径 Drill diameter /mm			
					3-6	6.01-10	10.01-14	14.01-16
					每转进给 Feed Fn(mm/r) *			
H	H1.1.Z.HA	超硬钢, 调质处理 Haedened HRSA	50	16 - 24	0.05-0.12	0.08-0.14	0.10-0.16	0.12-0.2
	H2.0.C.UT.4	冷硬铸铁 Chilled cast iron	64	14 - 20	0.05-0.12	0.08-0.14	0.10-0.16	0.12-0.2

- * 切削参数推荐值仅在使用内冷时有效。
- * 推荐的内冷切削液压力最小 20bar。
- * 硬度较高的材料, 需要按比例降低转速和进给。
- * 如果使用外冷加工, 需要调节转速参数以确保切屑成型良好且排屑顺畅。
- * 如果使用外冷加工, 必要时降低每转进给以确保排屑顺畅。

- * Cutting data is suitable for central coolant.
- * Coolant pressure recommendation min. 20bar.
- * In case component material hardness increase, please decrease cutting speed proportionally.
- * Under peripheral coolant condition, please adjust cutting speed to secure good chips formation and evacuation.
- * Under peripheral coolant condition, please decrease feed per revolution to secure chips evacuation.

通用高性能整体硬质合金钻头切削参数

Versatile High-performance Solid Carbide Drills Cutting Parameters

带内冷设计 Internal coolant

ISO	MC 材料编号 MC No.	工件材料 Workpiece material	布氏硬度 Hardness Brinell	线速度 VC(m/min) Cutting speed		
				最小	起始	最大
N	铝 Aluminium					
	N1.2.Z.UT	工业纯铝 Commercial pure	60	110	150	180
	N1.2.Z.AG	含硅铝合金 (硅含量 ≤ 1%) AlSi alloys, Si ≤ 1%	100	110	150	180
	N1.3.C.UT	铸铝, 非时效 Cast, non-aging	75	110	150	180
	N1.3.C.UT	铸铝加时效处理 Cast or cast and aged	90	110	130	160
	N1.4.C.NS	含硅铸铝 (硅含量 ≥ 13%) AlSi cast alloys, Si ≥ 13%	130	80	100	120
	铜基合金 Copper based alloys					
	N3.3.U.UT	易切铜合金 (Pb>1%) Free cutting alloys	110	70	90	110
	N3.1.U.UT	非铅铜合金 (包括电解铜) Non-leaded copper alloys (incl. electrolytic copper)	100	70	80	100

钻头直径 Drill diameter (mm)	每转进给 Feed Fn (mm/r) *		
	最小 Min.	起始 Start	最大 Max.
3	0.08	0.18	0.28
4	0.1	0.19	0.28
6	0.16	0.28	0.35
8	0.16	0.2	0.24
10	0.2	0.4	0.8
12	0.22	0.5	0.8
16	0.3	0.6	1

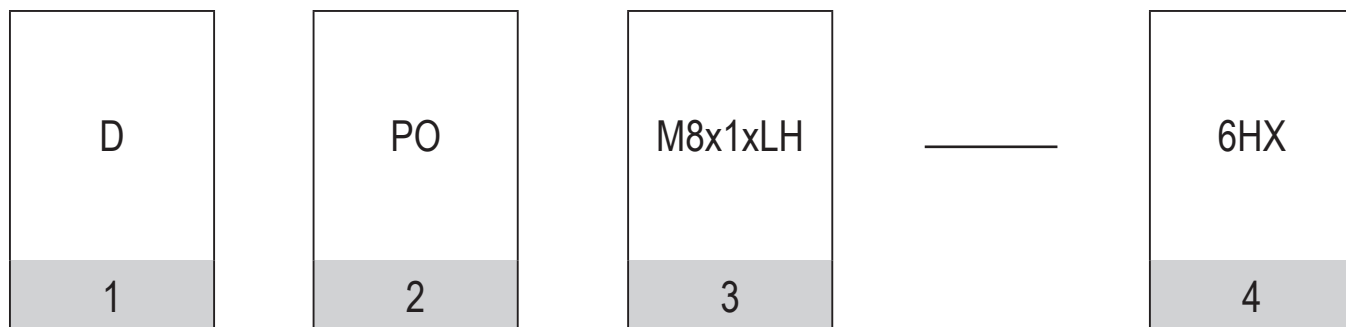
- * 切削参数推荐值仅在使用内冷时有效。
- * 推荐的内冷切削液压力最小 20bar。
- * 硬度较高的材料, 需要按比例降低转速和进给。
- * 如果使用外冷加工, 需要调节转速参数以确保切屑成型良好且排屑顺畅。
- * 如果使用外冷加工, 必要时降低每转进给以确保排屑顺畅。

- * Cutting data is suitable for central coolant.
- * Coolant pressure recommendation min. 20bar.
- * In case component material hardness increase, please decrease cutting speed proportionally.
- * Under peripheral coolant condition, please adjust cutting speed to secure good chips formation and evacuation.
- * Under peripheral coolant condition, please decrease feed per revolution to secure chips evacuation.

Taps 丝锥



Tap Identification System 丝锥型号编制说明



1 外形标准代号 Standard code	
G	国标 (GB) 或 ISO 标准 Chinese standard(GB) or ISO standard
D	德标 (DIN) Germany standard
J	日标 (JIS) Japanese standard

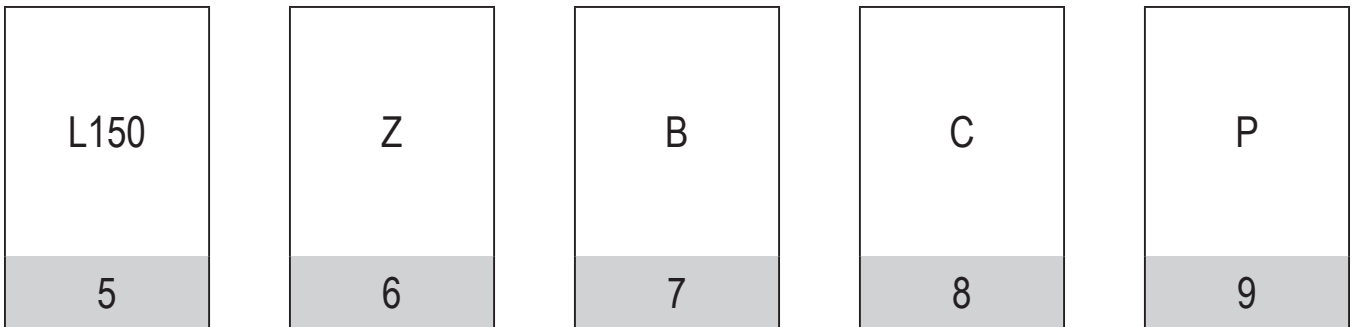
2 丝锥类型 Tap types		
直槽 Straight flute		HT
螺旋槽 Spiral flute	> 40°	SA
	20°—40°	SB
	< 20°	SC
螺尖 Spiral point		PO
挤压 Forming		NR

3 丝锥规格 Tap specification	
M8	型号规格 Thread size
1	螺距 (粗牙不标注) Thread pitch (coarse thread is not marked)
LH	左旋 (右旋不标注) Left hand (right hand is not marked)

7 切削锥 Chamfer form	
A	6-8P
B	3.5-5.5P
C	2-3P
D	4-5P
E	1.5-2P
F	1-1.5P

8 涂层 Coating	
C	TiCN
H	氧化处理 Oxidation treatment
N	氮化处理 Nitrogen treatment
T	TiN
D	DLC
W	无涂层 Un-coated

Tap Identification System 丝锥型号编制说明



4 螺纹孔精度 Class of thread hole	
4H	
6H	
6HX	
6G	
6GX	
7G	

5 非标长度 Non-standard length	
L150	丝锥总长 150mm (标准丝锥不标注) Tap total length 150mm (standard tap length is not marked)

6 冷却方式 Coolant supply	
Z	中心出水冷却 Central coolant
S	侧边出水冷却 decentral coolant
L	MQL 冷却技术 MQL(Minimal Quality Lubrication) cooling technology 外冷不标注 External coolant is not marked

9 材料类型 Tool materials
H: 高速钢 High speed steel
P: 粉末高速钢 Powder metallurgy high speed steel
Y: 硬质合金 Hard alloy

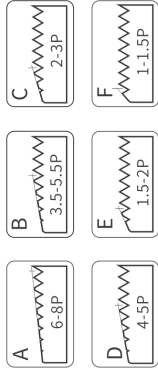
丝锥选型表 Taps Selection

本表格推荐的加工参数可根据客户实际加工工况（被加工材料、冷却条件、机床等）做适当的调整，以得到最佳的加工效果。
The cutting data listed in this selection can be adjusted according to work conditions ,material,coolant and machine etc.,to get the best results.

被加工孔型 Hole Type



切削锥 Lead Type



切削锥类型
Cutting type taps

丝锥类型 Tap Type	通用系列 General Series				高性能系列 High Performance Series			
	直槽 Straight flute	螺旋槽 Spiral flute	螺旋槽 Spiral flute	挤压 Forming	直槽 Straight flute	螺旋槽 Spiral flute	螺旋槽 Spiral flute	挤压 Forming
丝锥材料 Tap Material	HSSE	HSSE	HSSE	HSSE	HSSE-PE	HSSE-PE	HSSE-PE	HSSE-PE
外型标准 Tap Dimension	GB/DIN/JIS	GB/DIN/JIS	GB/DIN/JIS	GB/DIN/JIS	GB/DIN/JIS	GB/DIN/JIS	GB/DIN/JIS	GB/DIN/JIS
切削锥 Lead Type	C/2-3 E/1.5-2	C/2-3	B/3.5-5.5	C/2-3 E/1.5-2	C/2-3	C/2-3	B/3.5-5.5	C/2-3 E/1.5-2
丝锥精度 Tap Tolerance	6HX	6H	6HX	6HX	6H	6H	6HX	6HX
可加工孔型 Hole Type	2/3/4	1/2/3	Un-coated	1/2/3/4	2/3/4	1/2/3	4	1/2/3/4
丝锥涂层 Tap Coating	Un-coated	C	Un-coated	C	Un-coated	C	C	C

工件材料 Workpiece material
硬度 Hardness
强度 Strength
推荐参数 - Suggested Cutting Speed (Vc, m/min)
数值加粗为最优推荐 Black "SPEED" refers suitable 数值未加粗为适合 Normal "SPEED" refers suitable 空数值为不适合 Empty refers not suitable

丝锥类型 Tap Type	直槽 Straight flute	螺旋槽 Spiral flute	螺旋槽 Spiral flute	挤压 Forming	直槽 Straight flute	螺旋槽 Spiral flute	螺旋槽 Spiral flute	挤压 Forming
P1 碳钢等 Steels, etc.	5-15	10-20	10-20	15-35	10-20	15-45	15-45	15-45
P2 碳钢、低合金钢等 Steels, Alloy steels,	5-15	10-20	10-20	15-35	10-20	15-45	15-45	15-45
P3 硬度合金钢等 Alloy steels, etc	5-10	5-15	10-30	10-20	5-15	15-35	15-35	15-35
P4 合金钢, 调质合金钢, 淬火合金钢, etc.	5-15	5-15	5-15	5-15	5-15	10-20	10-20	10-20
M1 铁素体、马氏体 Ferritic, Martensitic	5-15	10-20	10-20	15-35	10-20	15-35	15-35	15-35
M2 奥氏体不锈钢等 Austenitic	5-15	10-20	10-20	10-25	10-20	10-25	10-25	10-25
M3 双相不锈钢等 Ferritic+Austenitic	5-15	10-20	10-20	10-25	10-20	10-25	10-25	10-25
K1 灰铸铁 Grey cast iron, etc.	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
K2 蠕墨铸铁等 Vermicular cast iron, etc.	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
K3 球墨铸铁 Nodular graphite, etc.	10-20	10-20	10-20	15-30	15-25	15-25	15-25	15-25
K4 可锻铸铁等 Malleable cast iron, etc.	10-20	10-20	10-20	15-25	15-25	15-25	15-25	15-25
N1 铝、铝合金 Aluminium, Aluminium alloys	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
N2 铸铝 (低硅) Aluminium cast alloys Si < 12%	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
N3 铸铝 (高硅) Aluminium cast alloys Si ≥ 12%	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
N4 纯铜 低合金铜 Copper, Low-alloyed copper	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
N5 铜合金 (长屑) Copper-alloys(long-chips)	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
N6 铜合金 (短屑) Copper-alloys(short-chips)	10-20	10-20	10-20	15-45	15-45	15-45	15-45	15-45
N7 镁、镁合金 Magnesium, Magnesium alloys	15-25	15-25	15-25	15-45	15-45	15-45	15-45	15-45
N8 铸铝合金 Magnesium cast alloys	15-25	15-25	15-25	15-45	15-45	15-45	15-45	15-45
N9 石墨 Graphite								
N10 钨铜合金 Tungsten-copper alloys								
S1 纯钛 Titanium	10-20	10-20	10-20	10-20	10-20	10-20	10-25	10-25
S2 钛合金 Titanium alloys	10-15	10-15	10-15	10-15	10-15	10-15	10-15	10-15
S3 纯镍 Nickel	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10
S4 镍基合金 Nickel-base alloys	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10
S5 钴基合金 Cobalt-base alloys	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10
S6 铁基合金 Iron-base alloys	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10
S7 高强度钢 High strength steels	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10
S8 淬硬钢等 Hardened steels, etc.	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10

丝锥型号说明

Taps Description

 <p>HT(HSSE)</p>	<p>通用直槽丝锥采用高性能高速钢 (HSSE), 分为涂层和无涂层两种, 应用场合广泛。可以加工硬度不高的各类钢, 不锈钢, 有色金属等。</p>	<p>M(F)2-M(F)20</p>
 <p>HT(HSSE-PE)</p>	<p>高性能直槽丝锥采用进口高性能粉末钢 (HSSE-PM), 结合 TiCN 涂层, 应用在加工铸铁, 铸铝等短切屑材料时, 表现突出; 也可以用于加工硬度不高于 40HRC 的各类钢材, 有色金属等。</p>	<p>M(F)2-M(F)20</p>
 <p>SA(HSSE)</p>	<p>通用螺旋槽丝锥采用大螺旋角设计, 排屑优良, 主要用于加工硬度不高的各类钢, 不锈钢, 有色金属等。</p>	<p>M(F)2-M(F)20</p>
 <p>SA(HSSE-PM)</p>	<p>高性能螺旋槽丝锥在通用系列的基础上优化了丝锥的后角设计, 进一步降低切削阻力, 可用于高速加工, 使用同步攻丝的效果更佳; M20-M36 采用德标外形设计, 可直接用于能源行业。</p>	<p>M(F)2-M(F)36</p>
 <p>PO(HSSE)</p>	<p>通用系列螺尖丝锥仅可用于通孔加工, 可适用于大部分工况, 被加工螺纹质量高。</p>	<p>M(F)2-M(F)20</p>
 <p>PO(HSSE-PM)</p>	<p>高性能螺尖丝锥采用进口高性能粉末钢 (HSSE-PM) 材质, 应用范围更加广泛, 可用于高速加工, 使用同步攻丝效果更佳。</p>	<p>M(F)2-M(F)20</p>
 <p>NR(HSSE)</p>	<p>通用挤压丝锥采用多棱大芯厚度设计, 芯部强度高, 结构稳定, 可用于硬度不高的各类塑性材料的加工, 具有寿命高, 无铁屑的优点。</p>	<p>P ≤ 2.0</p>
 <p>NR(HSSE-PM)</p>	<p>高性能挤压丝锥在通用系列的基础上优化截形设计, 降低加工阻力, 结合 TiCN 复合涂层, 可用于高速加工, 表现突出。</p>	<p>P ≤ 2.0</p>

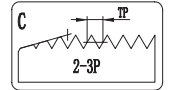
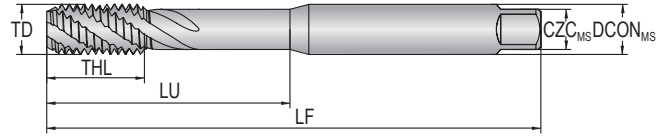
丝锥型号说明 Taps Description

 <p>HT(HSSE)</p>	<p>General straight flute taps are made of high performance HSSE. Taps are divided into coated and uncoated , and have a wide range of applications. The taps can process all kinds of steels with low hardness, stainless steels ,nonferrous metals, etc.</p>	<p>M(F)2-M(F)20</p>
 <p>HT(HSSE-PE)</p>	<p>High-performance straight flute taps are made of imported high performance powder steel(HSSE-PM). The taps, covered with TiCN coating, used in the processing of cast iron, cast aluminum and other short chip materials have outstanding performance; They can also be used to process all kinds of steels and nonferrous metals with hardness not higher than 40HRC, etc.</p>	<p>M(F)2-M(F)20</p>
 <p>SA(HSSE)</p>	<p>General spiral flute taps are designed with large spiral angle, so the taps have high performance on chip discharge. They are mainly used in all kinds of steels with low hardness, stainless steels, non-ferrous metals, etc.</p>	<p>M(F)2-M(F)20</p>
 <p>SA(HSSE-PM)</p>	<p>Based on the general series taps, the back angle design of the taps are optimized to further reduce the cutting resistance, which can be used for high-speed cutting, and the result of using synchronous tapping is better. We use DIN standard to design M20-M36 taps shape, these taps can directly use in the energy industry.</p>	<p>M(F)2-M(F)36</p>
 <p>PO(HSSE)</p>	<p>General straight flute with spiral point taps are only suitable for through-hole machining, which can be applied to most cutting conditions .the tap can process higher quality threads holes .</p>	<p>M(F)2-M(F)20</p>
 <p>PO(HSSE-PM)</p>	<p>High-performance straight flute with spiral point taps are made of imported high performance powder steel(HSSE-PM), which can be used in a wide range of applications. It can be used for high-speed processing, and the result of using synchronous tapping is better.</p>	<p>M(F)2-M(F)20</p>
 <p>NR(HSSE)</p>	<p>General forming taps are designed with multi-edge and large core thickness. The taps have high-performance on core strength and stable structure, which can be used for processing various plastic materials with low hardness. In addition, they have the advantages of long life and free of iron filings.</p>	<p>$P \leq 2.0$</p>
 <p>NR(HSSE-PM)</p>	<p>Based on the general series, we optimize the cross-section shape of high-performance forming taps to reduce the machining resistance. Combined with TiCN composite coating, the taps can be used for high-speed machining and have outstanding performance.</p>	<p>$P \leq 2.0$</p>

螺旋槽 Spiral Flute

GB/ISO 国标通用丝锥系列 C/2-3P

GB/ISO Standard General HSSE Taps



型号 Model		库存 Stock	尺寸 Dimension/mm									
无涂层 Uncoated	涂层 Coated		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
GSAM3-6HCWH	GSAM3-6HCCH	●	M3	0.5	19	3.15x2.5	6H	3.15	3	48	5.5	
GSAM4-6HCWH	GSAM4-6HCCH	●	M4	0.7	21	4x3.15	6H	4	4	53	7.7	
GSAM5-6HCWH	GSAM5-6HCCH	●	M5	0.8	24	5x4	6H	5	5	58	8.8	
GSAM6-6HCWH	GSAM6-6HCCH	●	M6	1.0	29	6.3x5	6H	6.3	6	66	11	
GSAM8-6HCWH	GSAM8-6HCCH	●	M8	1.25	37	6.3x5	6H	6.3	8	72	13.5	
GSAM10-6HCWH	GSAM10-6HCCH	●	M10	1.5	41	8x6.3	6H	8	10	80	16.5	
GSAM12-6HCWH	GSAM12-6HCCH	●	M12	1.75	48	9x7.1	6H	9	12	89	19.5	
GSAM14-6HCWH	GSAM14-6HCCH	●	M14	2.0	48	11.2x9	6H	11.2	14	95	22	
GSAM16-6HCWH	GSAM16-6HCCH	●	M16	2.0	52	12.5x10	6H	12.5	16	102	22	
GSAM18-6HCWH	GSAM18-6HCCH	○	M18	2.5	55	14x11.2	6H	14	18	112	27.5	
GSAM20-6HCWH	GSAM20-6HCCH	○	M20	2.5	58	14x11.2	6H	14	20	118	27.5	
GSAM3x0.35-6HCWH	GSAM3x0.35-6HCCH	○	M3x0.35	0.35	19	3.15x2.5	6H	3.15	3	48	5.5	
GSAM4x0.5-6HCWH	GSAM4x0.5-6HCCH	○	M4x0.5	0.5	21	4x3.15	6H	4	4	53	7.7	
GSAM5x0.5-6HCWH	GSAM5x0.5-6HCCH	○	M5x0.5	0.5	24	5x4	6H	5	5	58	8.8	
GSAM6x0.5-6HCWH	GSAM6x0.5-6HCCH	○	M6x0.5	0.5	29	6.3x5	6H	6.3	6	66	11	
GSAM6x0.75-6HCWH	GSAM6x0.75-6HCCH	○	M6x0.75	0.75	29	6.3x5	6H	6.3	6	66	11	
GSAM8x0.75-6HCWH	GSAM8x0.75-6HCCH	○	M8x0.75	0.75	37	6.3x5	6H	6.3	8	72	13.5	
GSAM8x1-6HCWH	GSAM8x1-6HCCH	●	M8x1	1.0	37	6.3x5	6H	6.3	8	72	13.5	
GSAM10x1-6HCWH	GSAM10x1-6HCCH	○	M10x1	1.0	41	8x6.3	6H	8	10	80	16.5	
GSAM10x1.25-6HCWH	GSAM10x1.25-6HCCH	●	M10x1.25	1.25	41	8x6.3	6H	8	10	80	16.5	
GSAM12x1-6HCWH	GSAM12x1-6HCCH	○	M12x1	1.0	48	9x7.1	6H	9	12	89	19.5	
GSAM12x1.25-6HCWH	GSAM12x1.25-6HCCH	●	M12x1.25	1.25	48	9x7.1	6H	9	12	89	19.5	
GSAM12x1.5-6HCWH	GSAM12x1.5-6HCCH	●	M12x1.5	1.5	48	9x7.1	6H	9	12	89	19.5	
GSAM14x1-6HCWH	GSAM14x1-6HCCH	○	M14x1	1.0	48	11.2x9	6H	11.2	14	95	22	
GSAM14x1.25-6HCWH	GSAM14x1.25-6HCCH	○	M14x1.25	1.25	48	11.2x9	6H	11.2	14	95	22	
GSAM14x1.5-6HCWH	GSAM14x1.5-6HCCH	●	M14x1.5	1.5	48	11.2x9	6H	11.2	14	95	22	
GSAM16x1-6HCWH	GSAM16x1-6HCCH	○	M16x1	1.0	52	12.5x10	6H	12.5	16	102	22	
GSAM16x1.5-6HCWH	GSAM16x1.5-6HCCH	●	M16x1.5	1.5	52	12.5x10	6H	12.5	16	102	22	
GSAM18x1-6HCWH	GSAM18x1-6HCCH	○	M18x1	1.0	55	14x11.2	6H	14	18	112	27.5	
GSAM18x1.5-6HCWH	GSAM18x1.5-6HCCH	○	M18x1.5	1.5	55	14x11.2	6H	14	18	112	27.5	
GSAM18x2-6HCWH	GSAM18x2-6HCCH	○	M18x2	2.0	55	14x11.2	6H	14	18	112	27.5	
GSAM20x1-6HCWH	GSAM20x1-6HCCH	○	M20x1	1.0	58	14x11.2	6H	14	20	118	27.5	
GSAM20x1.5-6HCWH	GSAM20x1.5-6HCCH	○	M20x1.5	1.5	58	14x11.2	6H	14	20	118	27.5	
GSAM20x2-6HCWH	GSAM20x2-6HCCH	○	M20x2	2.0	58	14x11.2	6H	14	20	118	27.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel		铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)							
无涂层 Uncoated	☆	☆			☆	☆	☆	☆				
涂层 Coated	★	★			★	☆	★	★		☆	☆	

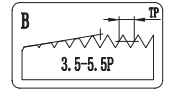
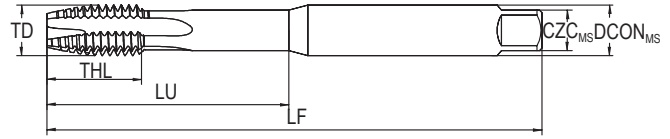
★首选 First choice ☆可选 Good choice

*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺尖 Spiral Point

GB/ISO 国标通用丝锥系列 B/3.5-5.5P GB/ISO Standard General HSSE Tap



无涂层 Uncoated	型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
				TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GPOM3-6HXBWH	GPOM3-6HXBWH	GPOM3-6HXBCH	●	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	7.5
GPOM4-6HXBWH	GPOM4-6HXBWH	GPOM4-6HXBCH	●	M4	0.7	21	4x3.15	6HX	4	4	53	10.5
GPOM5-6HXBWH	GPOM5-6HXBWH	GPOM5-6HXBCH	●	M5	0.8	24	5x4	6HX	5	5	58	12
GPOM6-6HXBWH	GPOM6-6HXBWH	GPOM6-6HXBCH	●	M6	1.0	29	6.3x5	6HX	6.3	6	66	15
GPOM8-6HXBWH	GPOM8-6HXBWH	GPOM8-6HXBCH	●	M8	1.25	37	6.3x5	6HX	6.3	8	72	18.8
GPOM10-6HXBWH	GPOM10-6HXBWH	GPOM10-6HXBCH	●	M10	1.5	41	8x6.3	6HX	8	10	80	22.5
GPOM12-6HXBWH	GPOM12-6HXBWH	GPOM12-6HXBCH	●	M12	1.75	48	9x7.1	6HX	9	12	89	26.3
GPOM14-6HXBWH	GPOM14-6HXBWH	GPOM14-6HXBCH	●	M14	2.0	48	11.2x9	6HX	11.2	14	95	30
GPOM16-6HXBWH	GPOM16-6HXBWH	GPOM16-6HXBCH	●	M16	2.0	52	12.5x10	6HX	12.5	16	102	30
GPOM18-6HXBWH	GPOM18-6HXBWH	GPOM18-6HXBCH	○	M18	2.5	55	14x11.2	6HX	14	18	112	37.5
GPOM20-6HXBWH	GPOM20-6HXBWH	GPOM20-6HXBCH	○	M20	2.5	58	14x11.2	6HX	14	20	118	37.5
GPOM3x0.35-6HXBWH	GPOM3x0.35-6HXBWH	GPOM3x0.35-6HXBCH	○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	7.5
GPOM4x0.5-6HXBWH	GPOM4x0.5-6HXBWH	GPOM4x0.5-6HXBCH	○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	10.5
GPOM5x0.5-6HXBWH	GPOM5x0.5-6HXBWH	GPOM5x0.5-6HXBCH	○	M5x0.5	0.5	24	5x4	6HX	5	5	58	12
GPOM6x0.5-6HXBWH	GPOM6x0.5-6HXBWH	GPOM6x0.5-6HXBCH	○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	15
GPOM6x0.75-6HXBWH	GPOM6x0.75-6HXBWH	GPOM6x0.75-6HXBCH	○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	15
GPOM8x0.75-6HXBWH	GPOM8x0.75-6HXBWH	GPOM8x0.75-6HXBCH	○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	18.8
GPOM8x1-6HXBWH	GPOM8x1-6HXBWH	GPOM8x1-6HXBCH	●	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	18.8
GPOM10x1-6HXBWH	GPOM10x1-6HXBWH	GPOM10x1-6HXBCH	○	M10x1	1.0	41	8x6.3	6HX	8	10	80	22.5
GPOM10x1.25-6HXBWH	GPOM10x1.25-6HXBWH	GPOM10x1.25-6HXBCH	●	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	22.5
GPOM12x1-6HXBWH	GPOM12x1-6HXBWH	GPOM12x1-6HXBCH	○	M12x1	1.0	48	9x7.1	6HX	9	12	89	26.3
GPOM12x1.25-6HXBWH	GPOM12x1.25-6HXBWH	GPOM12x1.25-6HXBCH	●	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	26.3
GPOM12x1.5-6HXBWH	GPOM12x1.5-6HXBWH	GPOM12x1.5-6HXBCH	●	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	26.3
GPOM14x1-6HXBWH	GPOM14x1-6HXBWH	GPOM14x1-6HXBCH	○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	30
GPOM14x1.25-6HXBWH	GPOM14x1.25-6HXBWH	GPOM14x1.25-6HXBCH	○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	30
GPOM14x1.5-6HXBWH	GPOM14x1.5-6HXBWH	GPOM14x1.5-6HXBCH	●	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	30
GPOM16x1-6HXBWH	GPOM16x1-6HXBWH	GPOM16x1-6HXBCH	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	30
GPOM16x1.5-6HXBWH	GPOM16x1.5-6HXBWH	GPOM16x1.5-6HXBCH	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	30
GPOM18x1-6HXBWH	GPOM18x1-6HXBWH	GPOM18x1-6HXBCH	○	M18x1	1.0	55	14x11.2	6HX	14	18	112	37.5
GPOM18x1.5-6HXBWH	GPOM18x1.5-6HXBWH	GPOM18x1.5-6HXBCH	○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	37.5
GPOM18x2-6HXBWH	GPOM18x2-6HXBWH	GPOM18x2-6HXBCH	○	M18x2	2.0	55	14x11.2	6HX	14	18	112	37.5
GPOM20x1-6HXBWH	GPOM20x1-6HXBWH	GPOM20x1-6HXBCH	○	M20x1	1.0	58	14x11.2	6HX	14	20	118	37.5
GPOM20x1.5-6HXBWH	GPOM20x1.5-6HXBWH	GPOM20x1.5-6HXBCH	○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	37.5
GPOM20x2-6HXBWH	GPOM20x2-6HXBWH	GPOM20x2-6HXBCH	○	M20x2	2.0	58	14x11.2	6HX	14	20	118	37.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆					
涂层 Coated	★	★				★	☆	★	★		☆	☆	

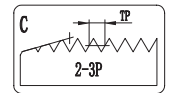
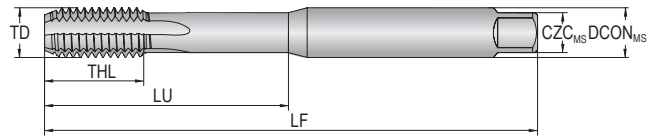
★首选 First choice ☆可选 Good choice

*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

GB/ISO 国标通用丝锥系列 C/2-3P
GB/ISO Standard General HSSE Tap



型号 Model		库存 Stock	尺寸 Dimension/mm									
无涂层 Uncoated	涂层 Coated		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
GHTM3-6HXCWH	GHTM3-6HXCCH	●	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	7.5	
GHTM4-6HXCWH	GHTM4-6HXCCH	●	M4	0.7	21	4x3.15	6HX	4	4	53	10.5	
GHTM5-6HXCWH	GHTM5-6HXCCH	●	M5	0.8	24	5x4	6HX	5	5	58	12	
GHTM6-6HXCWH	GHTM6-6HXCCH	●	M6	1.0	29	6.3x5	6HX	6.3	6	66	15	
GHTM8-6HXCWH	GHTM8-6HXCCH	●	M8	1.25	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM10-6HXCWH	GHTM10-6HXCCH	●	M10	1.5	41	8x6.3	6HX	8	10	80	22.5	
GHTM12-6HXCWH	GHTM12-6HXCCH	●	M12	1.75	48	9x7.1	6HX	9	12	89	26.3	
GHTM14-6HXCWH	GHTM14-6HXCCH	●	M14	2.0	48	11.2x9	6HX	11.2	14	95	30	
GHTM16-6HXCWH	GHTM16-6HXCCH	●	M16	2.0	52	12.5x10	6HX	12.5	16	102	30	
GHTM18-6HXCWH	GHTM18-6HXCCH	○	M18	2.5	55	14x11.2	6HX	14	18	112	37.5	
GHTM20-6HXCWH	GHTM20-6HXCCH	○	M20	2.5	58	14x11.2	6HX	14	20	118	37.5	
GHTM3x0.35-6HXCWH	GHTM3x0.35-6HXCCH	○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	7.5	
GHTM4x0.5-6HXCWH	GHTM4x0.5-6HXCCH	○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	10.5	
GHTM5x0.5-6HXCWH	GHTM5x0.5-6HXCCH	○	M5x0.5	0.5	24	5x4	6HX	5	5	58	12	
GHTM6x0.5-6HXCWH	GHTM6x0.5-6HXCCH	○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	15	
GHTM6x0.75-6HXCWH	GHTM6x0.75-6HXCCH	○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	15	
GHTM8x0.75-6HXCWH	GHTM8x0.75-6HXCCH	○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM8x1-6HXCWH	GHTM8x1-6HXCCH	●	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM10x1-6HXCWH	GHTM10x1-6HXCCH	○	M10x1	1.0	41	8x6.3	6HX	8	10	80	22.5	
GHTM10x1.25-6HXCWH	GHTM10x1.25-6HXCCH	●	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	22.5	
GHTM12x1-6HXCWH	GHTM12x1-6HXCCH	○	M12x1	1.0	48	9x7.1	6HX	9	12	89	26.3	
GHTM12x1.25-6HXCWH	GHTM12x1.25-6HXCCH	●	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	26.3	
GHTM12x1.5-6HXCWH	GHTM12x1.5-6HXCCH	●	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	26.3	
GHTM14x1-6HXCWH	GHTM14x1-6HXCCH	○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	30	
GHTM14x1.25-6HXCWH	GHTM14x1.25-6HXCCH	○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	30	
GHTM14x1.5-6HXCWH	GHTM14x1.5-6HXCCH	●	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	30	
GHTM16x1-6HXCWH	GHTM16x1-6HXCCH	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	30	
GHTM16x1.5-6HXCWH	GHTM16x1.5-6HXCCH	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	30	
GHTM18x1-6HXCWH	GHTM18x1-6HXCCH	○	M18x1	1.0	55	14x11.2	6HX	14	18	112	37.5	
GHTM18x1.5-6HXCWH	GHTM18x1.5-6HXCCH	○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	37.5	
GHTM18x2-6HXCWH	GHTM18x2-6HXCCH	○	M18x2	2.0	55	14x11.2	6HX	14	18	112	37.5	
GHTM20x1-6HXCWH	GHTM20x1-6HXCCH	○	M20x1	1.0	58	14x11.2	6HX	14	20	118	37.5	
GHTM20x1.5-6HXCWH	GHTM20x1.5-6HXCCH	○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	37.5	
GHTM20x2-6HXCWH	GHTM20x2-6HXCCH	○	M20x2	2.0	58	14x11.2	6HX	14	20	118	37.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				☆	☆	☆	☆				

★首选 First choice ☆可选 Good choice

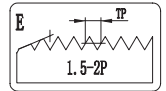
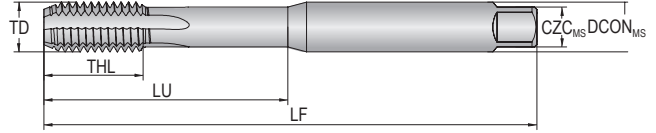
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

GB/ISO 国标通用丝锥系列 E/1.5-2P

GB/ISO Standard General HSSE Tap



无涂层 Uncoated	型号 Model		库存 Stock	尺寸 Dimension/mm								
	涂层 Coated			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GHTM3-6HXEWH	GHTM3-6HXECH	●	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	7.5	
GHTM4-6HXEWH	GHTM4-6HXECH	●	M4	0.7	21	4x3.15	6HX	4	4	53	10.5	
GHTM5-6HXEWH	GHTM5-6HXECH	●	M5	0.8	24	5x4	6HX	5	5	58	12	
GHTM6-6HXEWH	GHTM6-6HXECH	●	M6	1.0	29	6.3x5	6HX	6.3	6	66	15	
GHTM8-6HXEWH	GHTM8-6HXECH	●	M8	1.25	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM10-6HXEWH	GHTM10-6HXECH	●	M10	1.5	41	8x6.3	6HX	8	10	80	22.5	
GHTM12-6HXEWH	GHTM12-6HXECH	●	M12	1.75	48	9x7.1	6HX	9	12	89	26.3	
GHTM14-6HXEWH	GHTM14-6HXECH	●	M14	2.0	48	11.2x9	6HX	11.2	14	95	30	
GHTM16-6HXEWH	GHTM16-6HXECH	●	M16	2.0	52	12.5x10	6HX	12.5	16	102	30	
GHTM18-6HXEWH	GHTM18-6HXECH	○	M18	2.5	55	14x11.2	6HX	14	18	112	37.5	
GHTM20-6HXEWH	GHTM20-6HXECH	○	M20	2.5	58	14x11.2	6HX	14	20	118	37.5	
GHTM3x0.35-6HXEWH	GHTM3x0.35-6HXECH	○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	7.5	
GHTM4x0.5-6HXEWH	GHTM4x0.5-6HXECH	○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	10.5	
GHTM5x0.5-6HXEWH	GHTM5x0.5-6HXECH	○	M5x0.5	0.5	24	5x4	6HX	5	5	58	12	
GHTM6x0.5-6HXEWH	GHTM6x0.5-6HXECH	○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	15	
GHTM6x0.75-6HXEWH	GHTM6x0.75-6HXECH	○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	15	
GHTM8x0.75-6HXEWH	GHTM8x0.75-6HXECH	○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM8x1-6HXEWH	GHTM8x1-6HXECH	●	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM10x1-6HXEWH	GHTM10x1-6HXECH	○	M10x1	1.0	41	8x6.3	6HX	8	10	80	22.5	
GHTM10x1.25-6HXEWH	GHTM10x1.25-6HXECH	●	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	22.5	
GHTM12x1-6HXEWH	GHTM12x1-6HXECH	○	M12x1	1.0	48	9x7.1	6HX	9	12	89	26.3	
GHTM12x1.25-6HXEWH	GHTM12x1.25-6HXECH	●	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	26.3	
GHTM12x1.5-6HXEWH	GHTM12x1.5-6HXECH	●	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	26.3	
GHTM14x1-6HXEWH	GHTM14x1-6HXECH	○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	30	
GHTM14x1.25-6HXEWH	GHTM14x1.25-6HXECH	○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	30	
GHTM14x1.5-6HXEWH	GHTM14x1.5-6HXECH	●	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	30	
GHTM16x1-6HXEWH	GHTM16x1-6HXECH	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	30	
GHTM16x1.5-6HXEWH	GHTM16x1.5-6HXECH	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	30	
GHTM18x1-6HXEWH	GHTM18x1-6HXECH	○	M18x1	1.0	55	14x11.2	6HX	14	18	112	37.5	
GHTM18x1.5-6HXEWH	GHTM18x1.5-6HXECH	○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	37.5	
GHTM18x2-6HXEWH	GHTM18x2-6HXECH	○	M18x2	2.0	55	14x11.2	6HX	14	18	112	37.5	
GHTM20x1-6HXEWH	GHTM20x1-6HXECH	○	M20x1	1.0	58	14x11.2	6HX	14	20	118	37.5	
GHTM20x1.5-6HXEWH	GHTM20x1.5-6HXECH	○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	37.5	
GHTM20x2-6HXEWH	GHTM20x2-6HXECH	○	M20x2	2.0	58	14x11.2	6HX	14	20	118	37.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				☆	☆	☆	☆				

★首选 First choice ☆可选 Good choice

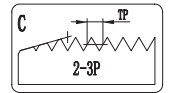
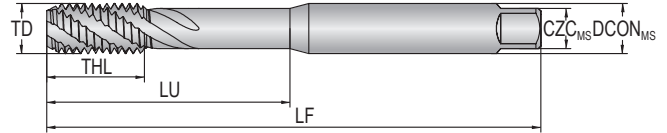
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺旋槽 Spiral Flute

GB/ISO 国标高性能丝锥系列 C/2-3P

GB/ISO Standard High-Performance HSSE-PM Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GSAM3-6HCCP		○	M3	0.5	19	3.15x2.5	6H	3.15	3	48	5.5
GSAM4-6HCCP		○	M4	0.7	21	4x3.15	6H	4	4	53	7.7
GSAM5-6HCCP		○	M5	0.8	24	5x4	6H	5	5	58	8.8
GSAM6-6HCCP		○	M6	1.0	29	6.3x5	6H	6.3	6	66	11
GSAM8-6HCCP		○	M8	1.25	37	6.3x5	6H	6.3	8	72	13.5
GSAM10-6HCCP		○	M10	1.5	41	8x6.3	6H	8	10	80	16.5
GSAM12-6HCCP		○	M12	1.75	48	9x7.1	6H	9	12	89	19.5
GSAM14-6HCCP		○	M14	2.0	48	11.2x9	6H	11.2	14	95	22
GSAM16-6HCCP		○	M16	2.0	52	12.5x10	6H	12.5	16	102	22
GSAM18-6HCCP		○	M18	2.5	55	14x11.2	6H	14	18	112	27.5
GSAM20-6HCCP		○	M20	2.5	58	14x11.2	6H	14	20	118	27.5
GSAM3x0.35-6HCCP		○	M3x0.35	0.35	19	3.15x2.5	6H	3.15	3	48	5.5
GSAM4x0.5-6HCCP		○	M4x0.5	0.5	21	4x3.15	6H	4	4	53	7.7
GSAM5x0.5-6HCCP		○	M5x0.5	0.5	24	5x4	6H	5	5	58	8.8
GSAM6x0.5-6HCCP		○	M6x0.5	0.5	29	6.3x5	6H	6.3	6	66	11
GSAM6x0.75-6HCCP		○	M6x0.75	0.75	29	6.3x5	6H	6.3	6	66	11
GSAM8x0.75-6HCCP		○	M8x0.75	0.75	37	6.3x5	6H	6.3	8	72	13.5
GSAM8x1-6HCCP		○	M8x1	1.0	37	6.3x5	6H	6.3	8	72	13.5
GSAM10x1-6HCCP		○	M10x1	1.0	41	8x6.3	6H	8	10	80	16.5
GSAM10x1.25-6HCCP		○	M10x1.25	1.25	41	8x6.3	6H	8	10	80	16.5
GSAM12x1-6HCCP		○	M12x1	1.0	48	9x7.1	6H	9	12	89	19.5
GSAM12x1.25-6HCCP		○	M12x1.25	1.25	48	9x7.1	6H	9	12	89	19.5
GSAM12x1.5-6HCCP		○	M12x1.5	1.5	48	9x7.1	6H	9	12	89	19.5
GSAM14x1-6HCCP		○	M14x1	1.0	48	11.2x9	6H	11.2	14	95	22
GSAM14x1.25-6HCCP		○	M14x1.25	1.25	48	11.2x9	6H	11.2	14	95	22
GSAM14x1.5-6HCCP		○	M14x1.5	1.5	48	11.2x9	6H	11.2	14	95	22
GSAM16x1-6HCCP		○	M16x1	1.0	52	12.5x10	6H	12.5	16	102	22
GSAM16x1.5-6HCCP		○	M16x1.5	1.5	52	12.5x10	6H	12.5	16	102	22
GSAM18x1-6HCCP		○	M18x1	1.0	55	14x11.2	6H	14	18	112	27.5
GSAM18x1.5-6HCCP		○	M18x1.5	1.5	55	14x11.2	6H	14	18	112	27.5
GSAM18x2-6HCCP		○	M18x2	2.0	55	14x11.2	6H	14	18	112	27.5
GSAM20x1-6HCCP		○	M20x1	1.0	58	14x11.2	6H	14	20	118	27.5
GSAM20x1.5-6HCCP		○	M20x1.5	1.5	58	14x11.2	6H	14	20	118	27.5
GSAM20x2-6HCCP		○	M20x2	2.0	58	14x11.2	6H	14	20	118	27.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬度、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Femitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★	☆	★	★		★	☆	

★首选 First choice ☆可选 Good choice

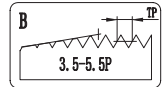
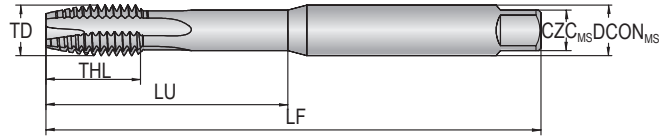
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺尖 Spiral Point

GB/ISO 国标高性能丝锥系列 B/3.5-5.5P

GB/ISO Standard High-Performance HSSE-PM Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	Czc _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GPOM3-6HXBCP		○	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	7.5
GPOM4-6HXBCP		○	M4	0.7	21	4x3.15	6HX	4	4	53	10.5
GPOM5-6HXBCP		○	M5	0.8	24	5x4	6HX	5	5	58	12
GPOM6-6HXBCP		○	M6	1.0	29	6.3x5	6HX	6.3	6	66	15
GPOM8-6HXBCP		○	M8	1.25	37	6.3x5	6HX	6.3	8	72	18.8
GPOM10-6HXBCP		○	M10	1.5	41	8x6.3	6HX	8	10	80	22.5
GPOM12-6HXBCP		○	M12	1.75	48	9x7.1	6HX	9	12	89	26.3
GPOM14-6HXBCP		○	M14	2.0	48	11.2x9	6HX	11.2	14	95	30
GPOM16-6HXBCP		○	M16	2.0	52	12.5x10	6HX	12.5	16	102	30
GPOM18-6HXBCP		○	M18	2.5	55	14x11.2	6HX	14	18	112	37.5
GPOM20-6HXBCP		○	M20	2.5	58	14x11.2	6HX	14	20	118	37.5
GPOM3x0.35-6HXBCP		○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	7.5
GPOM4x0.5-6HXBCP		○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	10.5
GPOM5x0.5-6HXBCP		○	M5x0.5	0.5	24	5x4	6HX	5	5	58	12
GPOM6x0.5-6HXBCP		○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	15
GPOM6x0.75-6HXBCP		○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	15
GPOM8x0.75-6HXBCP		○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	18.8
GPOM8x1-6HXBCP		○	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	18.8
GPOM10x1-6HXBCP		○	M10x1	1.0	41	8x6.3	6HX	8	10	80	22.5
GPOM10x1.25-6HXBCP		○	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	22.5
GPOM12x1-6HXBCP		○	M12x1	1.0	48	9x7.1	6HX	9	12	89	26.3
GPOM12x1.25-6HXBCP		○	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	26.3
GPOM12x1.5-6HXBCP		○	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	26.3
GPOM14x1-6HXBCP		○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	30
GPOM14x1.25-6HXBCP		○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	30
GPOM14x1.5-6HXBCP		○	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	30
GPOM16x1-6HXBCP		○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	30
GPOM16x1.5-6HXBCP		○	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	30
GPOM18x1-6HXBCP		○	M18x1	1.0	55	14x11.2	6HX	14	18	112	37.5
GPOM18x1.5-6HXBCP		○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	37.5
GPOM18x2-6HXBCP		○	M18x2	2.0	55	14x11.2	6HX	14	18	112	37.5
GPOM20x1-6HXBCP		○	M20x1	1.0	58	14x11.2	6HX	14	20	118	37.5
GPOM20x1.5-6HXBCP		○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	37.5
GPOM20x2-6HXBCP		○	M20x2	2.0	58	14x11.2	6HX	14	20	118	37.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★	(40-50HRC)	(50-55HRC)	(> 55HRC)	★	☆	★	★	★	☆		

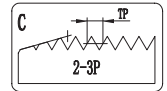
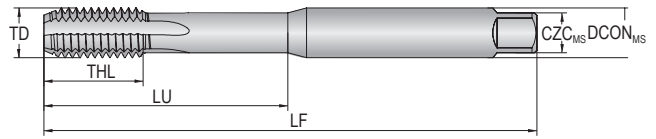
★首选 First choice ☆可选 Good choice

*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

GB/ISO 国标高性能丝锥系列 C/2-3P
GB/ISO Standard High-Performance HSSE-PM Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GHTM3-6HXCCP		○	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	7.5
GHTM4-6HXCCP		○	M4	0.7	21	4x3.15	6HX	4	4	53	10.5
GHTM5-6HXCCP		○	M5	0.8	24	5x4	6HX	5	5	58	12
GHTM6-6HXCCP		○	M6	1.0	29	6.3x5	6HX	6.3	6	66	15
GHTM8-6HXCCP		○	M8	1.25	37	6.3x5	6HX	6.3	8	72	18.8
GHTM10-6HXCCP		○	M10	1.5	41	8x6.3	6HX	8	10	80	22.5
GHTM12-6HXCCP		○	M12	1.75	48	9x7.1	6HX	9	12	89	26.3
GHTM14-6HXCCP		○	M14	2.0	48	11.2x9	6HX	11.2	14	95	30
GHTM16-6HXCCP		○	M16	2.0	52	12.5x10	6HX	12.5	16	102	30
GHTM18-6HXCCP		○	M18	2.5	55	14x11.2	6HX	14	18	112	37.5
GHTM20-6HXCCP		○	M20	2.5	58	14x11.2	6HX	14	20	118	37.5
GHTM3x0.35-6HXCCP		○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	7.5
GHTM4x0.5-6HXCCP		○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	10.5
GHTM5x0.5-6HXCCP		○	M5x0.5	0.5	24	5x4	6HX	5	5	58	12
GHTM6x0.5-6HXCCP		○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	15
GHTM6x0.75-6HXCCP		○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	15
GHTM8x0.75-6HXCCP		○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	18.8
GHTM8x1-6HXCCP		○	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	18.8
GHTM10x1-6HXCCP		○	M10x1	1.0	41	8x6.3	6HX	8	10	80	22.5
GHTM10x1.25-6HXCCP		○	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	22.5
GHTM12x1-6HXCCP		○	M12x1	1.0	48	9x7.1	6HX	9	12	89	26.3
GHTM12x1.25-6HXCCP		○	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	26.3
GHTM12x1.5-6HXCCP		○	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	26.3
GHTM14x1-6HXCCP		○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	30
GHTM14x1.25-6HXCCP		○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	30
GHTM14x1.5-6HXCCP		○	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	30
GHTM16x1-6HXCCP		○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	30
GHTM16x1.5-6HXCCP		○	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	30
GHTM18x1-6HXCCP		○	M18x1	1.0	55	14x11.2	6HX	14	18	112	37.5
GHTM18x1.5-6HXCCP		○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	37.5
GHTM18x2-6HXCCP		○	M18x2	2.0	55	14x11.2	6HX	14	18	112	37.5
GHTM20x1-6HXCCP		○	M20x1	1.0	58	14x11.2	6HX	14	20	118	37.5
GHTM20x1.5-6HXCCP		○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	37.5
GHTM20x2-6HXCCP		○	M20x2	2.0	58	14x11.2	6HX	14	20	118	37.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Femitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★	★	★					

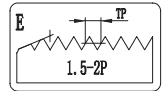
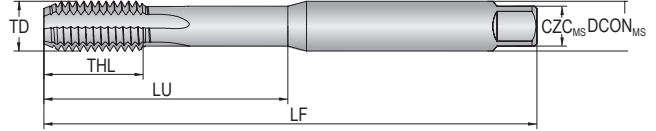
★首选 First choice ☆可选 Good choice

*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。
* For specific material, please refer to C198 for further information.

直槽 Straight Flute

GB/ISO 国标高性能丝锥系列 E/1.5-2P

GB/ISO Standard High-Performance HSSE-PM Tap



型号 Model 涂层 Coated	库存 Stock	螺距 TP	尺寸 Dimension/mm									
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
GHTM3-6HXECP	○	0.5	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	7.5	
GHTM4-6HXECP	○	0.7	M4	0.7	21	4x3.15	6HX	4	4	53	10.5	
GHTM5-6HXECP	○	0.8	M5	0.8	24	5x4	6HX	5	5	58	12	
GHTM6-6HXECP	○	1.0	M6	1.0	29	6.3x5	6HX	6.3	6	66	15	
GHTM8-6HXECP	○	1.25	M8	1.25	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM10-6HXECP	○	1.5	M10	1.5	41	8x6.3	6HX	8	10	80	22.5	
GHTM12-6HXECP	○	1.75	M12	1.75	48	9x7.1	6HX	9	12	89	26.3	
GHTM14-6HXECP	○	2.0	M14	2.0	48	11.2x9	6HX	11.2	14	95	30	
GHTM16-6HXECP	○	2.0	M16	2.0	52	12.5x10	6HX	12.5	16	102	30	
GHTM18-6HXECP	○	2.5	M18	2.5	55	14x11.2	6HX	14	18	112	37.5	
GHTM20-6HXECP	○	2.5	M20	2.5	58	14x11.2	6HX	14	20	118	37.5	
GHTM3x0.35-6HXECP	○	0.35	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	7.5	
GHTM4x0.5-6HXECP	○	0.5	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	10.5	
GHTM5x0.5-6HXECP	○	0.5	M5x0.5	0.5	24	5x4	6HX	5	5	58	12	
GHTM6x0.5-6HXECP	○	0.5	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	15	
GHTM6x0.75-6HXECP	○	0.75	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	15	
GHTM8x0.75-6HXECP	○	0.75	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM8x1-6HXECP	○	1.0	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	18.8	
GHTM10x1-6HXECP	○	1.0	M10x1	1.0	41	8x6.3	6HX	8	10	80	22.5	
GHTM10x1.25-6HXECP	○	1.25	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	22.5	
GHTM12x1-6HXECP	○	1.0	M12x1	1.0	48	9x7.1	6HX	9	12	89	26.3	
GHTM12x1.25-6HXECP	○	1.25	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	26.3	
GHTM12x1.5-6HXECP	○	1.5	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	26.3	
GHTM14x1-6HXECP	○	1.0	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	30	
GHTM14x1.25-6HXECP	○	1.25	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	30	
GHTM14x1.5-6HXECP	○	1.5	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	30	
GHTM16x1-6HXECP	○	1.0	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	30	
GHTM16x1.5-6HXECP	○	1.5	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	30	
GHTM18x1-6HXECP	○	1.0	M18x1	1.0	55	14x11.2	6HX	14	18	112	37.5	
GHTM18x1.5-6HXECP	○	1.5	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	37.5	
GHTM18x2-6HXECP	○	2.0	M18x2	2.0	55	14x11.2	6HX	14	18	112	37.5	
GHTM20x1-6HXECP	○	1.0	M20x1	1.0	58	14x11.2	6HX	14	20	118	37.5	
GHTM20x1.5-6HXECP	○	1.5	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	37.5	
GHTM20x2-6HXECP	○	2.0	M20x2	2.0	58	14x11.2	6HX	14	20	118	37.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel (HB ≤ 252)	合金钢 调质钢 Alloy steel Tempered Alloy steel (HRC ≤ 40)	高硬钢、淬硬钢 High-hardness Hardened steel (40-50HRC)	高硬钢、淬硬钢 High-hardness Hardened steel (50-55HRC)	高硬钢、淬硬钢 High-hardness Hardened steel (> 55HRC)	铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★					★	★	★				

★首选 First choice ☆可选 Good choice

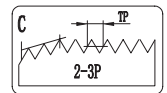
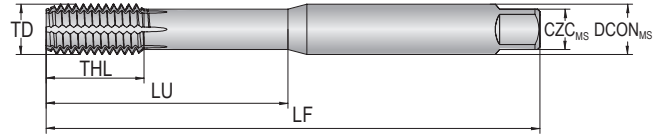
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

GB/ISO 国标通用挤压丝锥系列 C/2-3P

GB/ISO Standard General HSSE Forming Tap



型号 Model	库存 Stock	尺寸 Dimension/mm								
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GNNRM3-6HXCC	●	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	5.5
GNNRM4-6HXCC	●	M4	0.7	21	4x3.15	6HX	4	4	53	7.7
GNNRM5-6HXCC	●	M5	0.8	24	5x4	6HX	5	5	58	8.8
GNNRM6-6HXCC	●	M6	1.0	29	6.3x5	6HX	6.3	6	66	11
GNNRM8-6HXCC	●	M8	1.25	37	6.3x5	6HX	6.3	8	72	13.5
GNNRM10-6HXCC	●	M10	1.5	41	8x6.3	6HX	8	10	80	16.5
GNNRM12-6HXCC	●	M12	1.75	48	9x7.1	6HX	9	12	89	19.5
GNNRM14-6HXCC	●	M14	2.0	48	11.2x9	6HX	11.2	14	95	22
GNNRM16-6HXCC	●	M16	2.0	52	12.5x10	6HX	12.5	16	102	22
GNNRM18-6HXCC	○	M18	2.5	55	14x11.2	6HX	14	18	112	27.5
GNNRM20-6HXCC	○	M20	2.5	58	14x11.2	6HX	14	20	118	27.5
GNNRM3x0.35-6HXCC	○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	5.5
GNNRM4x0.5-6HXCC	○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	7.7
GNNRM5x0.5-6HXCC	○	M5x0.5	0.5	24	5x4	6HX	5	5	58	8.8
GNNRM6x0.5-6HXCC	○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	11
GNNRM6x0.75-6HXCC	○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	11
GNNRM8x0.75-6HXCC	○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	13.5
GNNRM8x1-6HXCC	●	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	13.5
GNNRM10x1-6HXCC	○	M10x1	1.0	41	8x6.3	6HX	8	10	80	16.5
GNNRM10x1.25-6HXCC	●	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	16.5
GNNRM12x1-6HXCC	○	M12x1	1.0	48	9x7.1	6HX	9	12	89	19.5
GNNRM12x1.25-6HXCC	●	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	19.5
GNNRM12x1.5-6HXCC	●	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	19.5
GNNRM14x1-6HXCC	○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	22
GNNRM14x1.25-6HXCC	○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	22
GNNRM14x1.5-6HXCC	●	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	22
GNNRM16x1-6HXCC	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	22
GNNRM16x1.5-6HXCC	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	22
GNNRM18x1-6HXCC	○	M18x1	1.0	55	14x11.2	6HX	14	18	112	27.5
GNNRM18x1.5-6HXCC	○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	27.5
GNNRM18x2-6HXCC	○	M18x2	2.0	55	14x11.2	6HX	14	18	112	27.5
GNNRM20x1-6HXCC	○	M20x1	1.0	58	14x11.2	6HX	14	20	118	27.5
GNNRM20x1.5-6HXCC	○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	27.5
GNNRM20x2-6HXCC	○	M20x2	2.0	58	14x11.2	6HX	14	20	118	27.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬度钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	☆	(40-50HRC)	(50-55HRC)	(> 55HRC)	★	★	★					

★首选 First choice ☆可选 Good choice

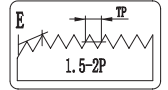
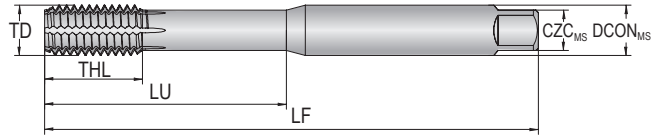
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

GB/ISO 国标通用挤压丝锥系列 E/1.5-2P

GB/ISO Standard General HSSE Forming Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GNNRM3-6HXECH		●	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	5.5
GNNRM4-6HXECH		●	M4	0.7	21	4x3.15	6HX	4	4	53	7.7
GNNRM5-6HXECH		●	M5	0.8	24	5x4	6HX	5	5	58	8.8
GNNRM6-6HXECH		●	M6	1.0	29	6.3x5	6HX	6.3	6	66	11
GNNRM8-6HXECH		●	M8	1.25	37	6.3x5	6HX	6.3	8	72	13.5
GNNRM10-6HXECH		●	M10	1.5	41	8x6.3	6HX	8	10	80	16.5
GNNRM12-6HXECH		●	M12	1.75	48	9x7.1	6HX	9	12	89	19.5
GNNRM14-6HXECH		●	M14	2.0	48	11.2x9	6HX	11.2	14	95	22
GNNRM16-6HXECH		●	M16	2.0	52	12.5x10	6HX	12.5	16	102	22
GNNRM18-6HXECH		○	M18	2.5	55	14x11.2	6HX	14	18	112	27.5
GNNRM20-6HXECH		○	M20	2.5	58	14x11.2	6HX	14	20	118	27.5
GNNRM3x0.35-6HXECH		○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	5.5
GNNRM4x0.5-6HXECH		○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	7.7
GNNRM5x0.5-6HXECH		○	M5x0.5	0.5	24	5x4	6HX	5	5	58	8.8
GNNRM6x0.5-6HXECH		○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	11
GNNRM6x0.75-6HXECH		○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	11
GNNRM8x0.75-6HXECH		○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	13.5
GNNRM8x1-6HXECH		●	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	13.5
GNNRM10x1-6HXECH		○	M10x1	1.0	41	8x6.3	6HX	8	10	80	16.5
GNNRM10x1.25-6HXECH		●	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	16.5
GNNRM12x1-6HXECH		○	M12x1	1.0	48	9x7.1	6HX	9	12	89	19.5
GNNRM12x1.25-6HXECH		●	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	19.5
GNNRM12x1.5-6HXECH		●	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	19.5
GNNRM14x1-6HXECH		○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	22
GNNRM14x1.25-6HXECH		○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	22
GNNRM14x1.5-6HXECH		●	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	22
GNNRM16x1-6HXECH		○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	22
GNNRM16x1.5-6HXECH		●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	22
GNNRM18x1-6HXECH		○	M18x1	1.0	55	14x11.2	6HX	14	18	112	27.5
GNNRM18x1.5-6HXECH		○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	27.5
GNNRM18x2-6HXECH		○	M18x2	2.0	55	14x11.2	6HX	14	18	112	27.5
GNNRM20x1-6HXECH		○	M20x1	1.0	58	14x11.2	6HX	14	20	118	27.5
GNNRM20x1.5-6HXECH		○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	27.5
GNNRM20x2-6HXECH		○	M20x2	2.0	58	14x11.2	6HX	14	20	118	27.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	☆				★		★	★				

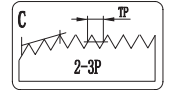
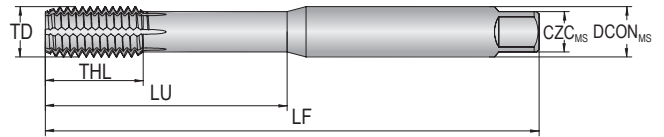
★首选 First choice ☆可选 Good choice

*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

GB/ISO 国标高性能挤压丝锥系列 C/2-3P
GB/ISO Standard High-Performance HSSE-PM Forming Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
GNRM3-6HXCCP		○	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	5.5
GNRM4-6HXCCP		○	M4	0.7	21	4x3.15	6HX	4	4	53	7.7
GNRM5-6HXCCP		○	M5	0.8	24	5x4	6HX	5	5	58	8.8
GNRM6-6HXCCP		○	M6	1.0	29	6.3x5	6HX	6.3	6	66	11
GNRM8-6HXCCP		○	M8	1.25	37	6.3x5	6HX	6.3	8	72	13.5
GNRM10-6HXCCP		○	M10	1.5	41	8x6.3	6HX	8	10	80	16.5
GNRM12-6HXCCP		○	M12	1.75	48	9x7.1	6HX	9	12	89	19.5
GNRM14-6HXCCP		○	M14	2.0	48	11.2x9	6HX	11.2	14	95	22
GNRM16-6HXCCP		○	M16	2.0	52	12.5x10	6HX	12.5	16	102	22
GNRM18-6HXCCP		○	M18	2.5	55	14x11.2	6HX	14	18	112	27.5
GNRM20-6HXCCP		○	M20	2.5	58	14x11.2	6HX	14	20	118	27.5
GNRM3x0.35-6HXCCP		○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	5.5
GNRM4x0.5-6HXCCP		○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	7.7
GNRM5x0.5-6HXCCP		○	M5x0.5	0.5	24	5x4	6HX	5	5	58	8.8
GNRM6x0.5-6HXCCP		○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	11
GNRM6x0.75-6HXCCP		○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	11
GNRM8x0.75-6HXCCP		○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	13.5
GNRM8x1-6HXCCP		○	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	13.5
GNRM10x1-6HXCCP		○	M10x1	1.0	41	8x6.3	6HX	8	10	80	16.5
GNRM10x1.25-6HXCCP		○	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	16.5
GNRM12x1-6HXCCP		○	M12x1	1.0	48	9x7.1	6HX	9	12	89	19.5
GNRM12x1.25-6HXCCP		○	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	19.5
GNRM12x1.5-6HXCCP		○	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	19.5
GNRM14x1-6HXCCP		○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	22
GNRM14x1.25-6HXCCP		○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	22
GNRM14x1.5-6HXCCP		○	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	22
GNRM16x1-6HXCCP		○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	22
GNRM16x1.5-6HXCCP		○	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	22
GNRM18x1-6HXCCP		○	M18x1	1.0	55	14x11.2	6HX	14	18	112	27.5
GNRM18x1.5-6HXCCP		○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	27.5
GNRM18x2-6HXCCP		○	M18x2	2.0	55	14x11.2	6HX	14	18	112	27.5
GNRM20x1-6HXCCP		○	M20x1	1.0	58	14x11.2	6HX	14	20	118	27.5
GNRM20x1.5-6HXCCP		○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	27.5
GNRM20x2-6HXCCP		○	M20x2	2.0	58	14x11.2	6HX	14	20	118	27.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel		合金钢 调质钢 Alloy steel Tempered Alloy steel		高硬度钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Femitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)		(HRC ≤ 40)		(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★		★					★		★	★				

★首选 First choice ☆可选 Good choice

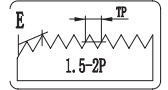
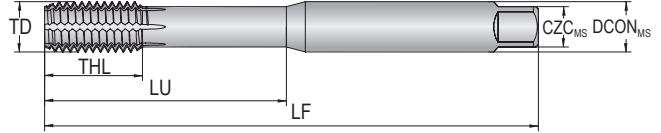
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

GB/ISO 国标高性能挤压丝锥系列 E/1.5-2P

GB/ISO Standard High-Performance HSSE-PM Forming Tap



型号 Model	库存 Stock	尺寸 Dimension/mm									
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
GARM3-6HXECP	○	M3	0.5	19	3.15x2.5	6HX	3.15	3	48	5.5	
GARM4-6HXECP	○	M4	0.7	21	4x3.15	6HX	4	4	53	7.7	
GARM5-6HXECP	○	M5	0.8	24	5x4	6HX	5	5	58	8.8	
GARM6-6HXECP	○	M6	1.0	29	6.3x5	6HX	6.3	6	66	11	
GARM8-6HXECP	○	M8	1.25	37	6.3x5	6HX	6.3	8	72	13.5	
GARM10-6HXECP	○	M10	1.5	41	8x6.3	6HX	8	10	80	16.5	
GARM12-6HXECP	○	M12	1.75	48	9x7.1	6HX	9	12	89	19.5	
GARM14-6HXECP	○	M14	2.0	48	11.2x9	6HX	11.2	14	95	22	
GARM16-6HXECP	○	M16	2.0	52	12.5x10	6HX	12.5	16	102	22	
GARM18-6HXECP	○	M18	2.5	55	14x11.2	6HX	14	18	112	27.5	
GARM20-6HXECP	○	M20	2.5	58	14x11.2	6HX	14	20	118	27.5	
GARM3x0.35-6HXECP	○	M3x0.35	0.35	19	3.15x2.5	6HX	3.15	3	48	5.5	
GARM4x0.5-6HXECP	○	M4x0.5	0.5	21	4x3.15	6HX	4	4	53	7.7	
GARM5x0.5-6HXECP	○	M5x0.5	0.5	24	5x4	6HX	5	5	58	8.8	
GARM6x0.5-6HXECP	○	M6x0.5	0.5	29	6.3x5	6HX	6.3	6	66	11	
GARM6x0.75-6HXECP	○	M6x0.75	0.75	29	6.3x5	6HX	6.3	6	66	11	
GARM8x0.75-6HXECP	○	M8x0.75	0.75	37	6.3x5	6HX	6.3	8	72	13.5	
GARM8x1-6HXECP	○	M8x1	1.0	37	6.3x5	6HX	6.3	8	72	13.5	
GARM10x1-6HXECP	○	M10x1	1.0	41	8x6.3	6HX	8	10	80	16.5	
GARM10x1.25-6HXECP	○	M10x1.25	1.25	41	8x6.3	6HX	8	10	80	16.5	
GARM12x1-6HXECP	○	M12x1	1.0	48	9x7.1	6HX	9	12	89	19.5	
GARM12x1.25-6HXECP	○	M12x1.25	1.25	48	9x7.1	6HX	9	12	89	19.5	
GARM12x1.5-6HXECP	○	M12x1.5	1.5	48	9x7.1	6HX	9	12	89	19.5	
GARM14x1-6HXECP	○	M14x1	1.0	48	11.2x9	6HX	11.2	14	95	22	
GARM14x1.25-6HXECP	○	M14x1.25	1.25	48	11.2x9	6HX	11.2	14	95	22	
GARM14x1.5-6HXECP	○	M14x1.5	1.5	48	11.2x9	6HX	11.2	14	95	22	
GARM16x1-6HXECP	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	102	22	
GARM16x1.5-6HXECP	○	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	102	22	
GARM18x1-6HXECP	○	M18x1	1.0	55	14x11.2	6HX	14	18	112	27.5	
GARM18x1.5-6HXECP	○	M18x1.5	1.5	55	14x11.2	6HX	14	18	112	27.5	
GARM18x2-6HXECP	○	M18x2	2.0	55	14x11.2	6HX	14	18	112	27.5	
GARM20x1-6HXECP	○	M20x1	1.0	58	14x11.2	6HX	14	20	118	27.5	
GARM20x1.5-6HXECP	○	M20x1.5	1.5	58	14x11.2	6HX	14	20	118	27.5	
GARM20x2-6HXECP	○	M20x2	2.0	58	14x11.2	6HX	14	20	118	27.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel	铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★	(40-50HRC)	(50-55HRC)	(> 55HRC)	★	★				

★首选 First choice ☆可选 Good choice

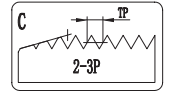
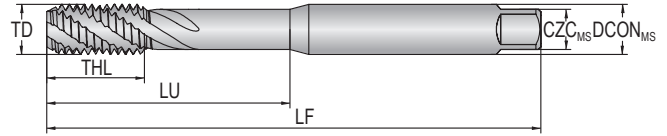
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺旋槽 Spiral Flute

DIN 德标通用丝锥系列 C/2-3P

DIN Standard General HSSE Tap



无涂层 Uncoated	型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
				TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DSAM2-6HCWH	DSAM2-6HCWH	DSAM2-6HCCH	○	M2	0.4	13	2.8x2.1	6H	2.8	2	45	4.5
DSAM2.5-6HCWH	DSAM2.5-6HCWH	DSAM2.5-6HCCH	○	M2.5	0.45	14	2.8x2.1	6H	2.8	2.5	50	5
DSAM3-6HCWH	DSAM3-6HCWH	DSAM3-6HCCH	●	M3	0.5	18	3.5x2.7	6H	3.5	3	56	5.5
DSAM4-6HCWH	DSAM4-6HCWH	DSAM4-6HCCH	●	M4	0.7	21	4.5x3.4	6H	4.5	4	63	7
DSAM5-6HCWH	DSAM5-6HCWH	DSAM5-6HCCH	●	M5	0.8	25	6x4.9	6H	6	5	70	8
DSAM6-6HCWH	DSAM6-6HCWH	DSAM6-6HCCH	●	M6	1.0	29	6x4.9	6H	6	6	80	10
DSAM8-6HCWH	DSAM8-6HCWH	DSAM8-6HCCH	●	M8	1.25	35	8x6.2	6H	8	8	90	14
DSAM10-6HCWH	DSAM10-6HCWH	DSAM10-6HCCH	●	M10	1.5	39	10x8	6H	10	10	100	16
DSAM12-6HCWH	DSAM12-6HCWH	DSAM12-6HCCH	●	M12	1.75	49	9x7	6H	9	12	110	18.5
DSAM14-6HCWH	DSAM14-6HCWH	DSAM14-6HCCH	●	M14	2.0	53	11x9	6H	11	14	110	20
DSAM16-6HCWH	DSAM16-6HCWH	DSAM16-6HCCH	●	M16	2.0	54	12x9	6H	12	16	110	20
DSAM18-6HCWH	DSAM18-6HCWH	DSAM18-6HCCH	○	M18	2.5	62	14x11	6H	14	18	125	25
DSAM20-6HCWH	DSAM20-6HCWH	DSAM20-6HCCH	○	M20	2.5	68	16x12	6H	16	20	140	25
DSAM3x0.35-6HCWH	DSAM3x0.35-6HCWH	DSAM3x0.35-6HCCH	○	M3x0.35	0.35	18	3.5x2.7	6H	3.5	3	56	5.5
DSAM4x0.5-6HCWH	DSAM4x0.5-6HCWH	DSAM4x0.5-6HCCH	○	M4x0.5	0.5	21	4.5x3.4	6H	4.5	4	63	7
DSAM5x0.5-6HCWH	DSAM5x0.5-6HCWH	DSAM5x0.5-6HCCH	○	M5x0.5	0.5	25	6x4.9	6H	6	5	70	8
DSAM6x0.5-6HCWH	DSAM6x0.5-6HCWH	DSAM6x0.5-6HCCH	○	M6x0.5	0.5	29	6x4.9	6H	6	6	80	10
DSAM6x0.75-6HCWH	DSAM6x0.75-6HCWH	DSAM6x0.75-6HCCH	○	M6x0.75	0.75	29	6x4.9	6H	6	6	80	10
DSAM8x0.75-6HCWH	DSAM8x0.75-6HCWH	DSAM8x0.75-6HCCH	○	M8x0.75	0.75	35	8x6.2	6H	8	8	90	14
DSAM8x1-6HCWH	DSAM8x1-6HCWH	DSAM8x1-6HCCH	●	M8x1	1.0	35	8x6.2	6H	8	8	90	14
DSAM10x1-6HCWH	DSAM10x1-6HCWH	DSAM10x1-6HCCH	○	M10x1	1.0	39	10x8	6H	10	10	100	16
DSAM10x1.25-6HCWH	DSAM10x1.25-6HCWH	DSAM10x1.25-6HCCH	●	M10x1.25	1.25	39	10x8	6H	10	10	100	16
DSAM12x1-6HCWH	DSAM12x1-6HCWH	DSAM12x1-6HCCH	○	M12x1	1.0	49	9x7	6H	9	12	110	18.5
DSAM12x1.25-6HCWH	DSAM12x1.25-6HCWH	DSAM12x1.25-6HCCH	●	M12x1.25	1.25	49	9x7	6H	9	12	110	18.5
DSAM12x1.5-6HCWH	DSAM12x1.5-6HCWH	DSAM12x1.5-6HCCH	●	M12x1.5	1.5	49	9x7	6H	9	12	110	18.5
DSAM14x1-6HCWH	DSAM14x1-6HCWH	DSAM14x1-6HCCH	○	M14x1	1.0	53	11x9	6H	11	14	110	20
DSAM14x1.25-6HCWH	DSAM14x1.25-6HCWH	DSAM14x1.25-6HCCH	○	M14x1.25	1.25	53	11x9	6H	11	14	110	20
DSAM14x1.5-6HCWH	DSAM14x1.5-6HCWH	DSAM14x1.5-6HCCH	●	M14x1.5	1.5	53	11x9	6H	11	14	110	20
DSAM16x1-6HCWH	DSAM16x1-6HCWH	DSAM16x1-6HCCH	○	M16x1	1.0	54	12x9	6H	12	16	110	20
DSAM16x1.5-6HCWH	DSAM16x1.5-6HCWH	DSAM16x1.5-6HCCH	●	M16x1.5	1.5	54	12x9	6H	12	16	110	20
DSAM18x1-6HCWH	DSAM18x1-6HCWH	DSAM18x1-6HCCH	○	M18x1	1.0	62	14x11	6H	14	18	125	25
DSAM18x1.5-6HCWH	DSAM18x1.5-6HCWH	DSAM18x1.5-6HCCH	○	M18x1.5	1.5	62	14x11	6H	14	18	125	25
DSAM18x2-6HCWH	DSAM18x2-6HCWH	DSAM18x2-6HCCH	○	M18x2	2.0	62	14x11	6H	14	18	125	25
DSAM20x1-6HCWH	DSAM20x1-6HCWH	DSAM20x1-6HCCH	○	M20x1	1.0	68	16x12	6H	16	20	140	25
DSAM20x1.5-6HCWH	DSAM20x1.5-6HCWH	DSAM20x1.5-6HCCH	○	M20x1.5	1.5	68	16x12	6H	16	20	140	25
DSAM20x2-6HCWH	DSAM20x2-6HCWH	DSAM20x2-6HCCH	○	M20x2	2.0	68	16x12	6H	16	20	140	25

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				★	☆	★	★		☆	☆	

★首选 First choice ☆可选 Good choice

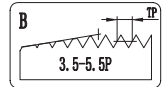
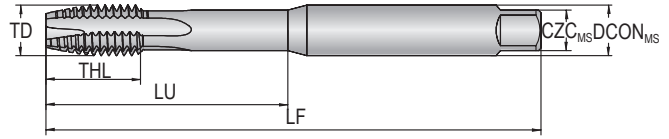
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺尖 Spiral Point

DIN 德标通用丝锥系列 B/3.5-5.5P

DIN Standard General HSSE Tap



型号 Model		库存 Stock	尺寸 Dimension/mm									
无涂层 Uncoated	涂层 Coated		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
DPOM2-6HXBWH	DPOM2-6HXBCH	○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	6	
DPOM2.5-6HXBWH	DPOM2.5-6HXBCH	○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	8	
DPOM3-6HXBWH	DPOM3-6HXBCH	●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	10	
DPOM4-6HXBWH	DPOM4-6HXBCH	●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	12	
DPOM5-6HXBWH	DPOM5-6HXBCH	●	M5	0.8	25	6x4.9	6HX	6	5	70	14	
DPOM6-6HXBWH	DPOM6-6HXBCH	●	M6	1.0	29	6x4.9	6HX	6	6	80	16	
DPOM8-6HXBWH	DPOM8-6HXBCH	●	M8	1.25	35	8x6.2	6HX	8	8	90	18	
DPOM10-6HXBWH	DPOM10-6HXBCH	●	M10	1.5	39	10x8	6HX	10	10	100	20	
DPOM12-6HXBWH	DPOM12-6HXBCH	●	M12	1.75	49	9x7	6HX	9	12	110	24	
DPOM14-6HXBWH	DPOM14-6HXBCH	●	M14	2.0	53	11x9	6HX	11	14	110	26	
DPOM16-6HXBWH	DPOM16-6HXBCH	●	M16	2.0	54	12x9	6HX	12	16	110	26	
DPOM18-6HXBWH	DPOM18-6HXBCH	○	M18	2.5	62	14x11	6HX	14	18	125	30	
DPOM20-6HXBWH	DPOM20-6HXBCH	○	M20	2.5	68	16x12	6HX	16	20	140	32	
DPOM3x0.35-6HXBWH	DPOM3x0.35-6HXBCH	○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	10	
DPOM4x0.5-6HXBWH	DPOM4x0.5-6HXBCH	○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	12	
DPOM5x0.5-6HXBWH	DPOM5x0.5-6HXBCH	○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	14	
DPOM6x0.5-6HXBWH	DPOM6x0.5-6HXBCH	○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	16	
DPOM6x0.75-6HXBWH	DPOM6x0.75-6HXBCH	○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	16	
DPOM8x0.75-6HXBWH	DPOM8x0.75-6HXBCH	○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	18	
DPOM8x1-6HXBWH	DPOM8x1-6HXBCH	●	M8x1	1.0	35	8x6.2	6HX	8	8	90	18	
DPOM10x1-6HXBWH	DPOM10x1-6HXBCH	○	M10x1	1.0	39	10x8	6HX	10	10	100	20	
DPOM10x1.25-6HXBWH	DPOM10x1.25-6HXBCH	●	M10x1.25	1.25	39	10x8	6HX	10	10	100	20	
DPOM12x1-6HXBWH	DPOM12x1-6HXBCH	○	M12x1	1.0	49	9x7	6HX	9	12	110	24	
DPOM12x1.25-6HXBWH	DPOM12x1.25-6HXBCH	●	M12x1.25	1.25	49	9x7	6HX	9	12	110	24	
DPOM12x1.5-6HXBWH	DPOM12x1.5-6HXBCH	●	M12x1.5	1.5	49	9x7	6HX	9	12	110	24	
DPOM14x1-6HXBWH	DPOM14x1-6HXBCH	○	M14x1	1.0	53	11x9	6HX	11	14	110	26	
DPOM14x1.25-6HXBWH	DPOM14x1.25-6HXBCH	○	M14x1.25	1.25	53	11x9	6HX	11	14	110	26	
DPOM14x1.5-6HXBWH	DPOM14x1.5-6HXBCH	●	M14x1.5	1.5	53	11x9	6HX	11	14	110	26	
DPOM16x1-6HXBWH	DPOM16x1-6HXBCH	○	M16x1	1.0	54	12x9	6HX	12	16	110	26	
DPOM16x1.5-6HXBWH	DPOM16x1.5-6HXBCH	●	M16x1.5	1.5	54	12x9	6HX	12	16	110	26	
DPOM18x1-6HXBWH	DPOM18x1-6HXBCH	○	M18x1	1.0	62	14x11	6HX	14	18	125	30	
DPOM18x1.5-6HXBWH	DPOM18x1.5-6HXBCH	○	M18x1.5	1.5	62	14x11	6HX	14	18	125	30	
DPOM18x2-6HXBWH	DPOM18x2-6HXBCH	○	M18x2	2.0	62	14x11	6HX	14	18	125	30	
DPOM20x1-6HXBWH	DPOM20x1-6HXBCH	○	M20x1	1.0	68	16x12	6HX	16	20	140	32	
DPOM20x1.5-6HXBWH	DPOM20x1.5-6HXBCH	○	M20x1.5	1.5	68	16x12	6HX	16	20	140	32	
DPOM20x2-6HXBWH	DPOM20x2-6HXBCH	○	M20x2	2.0	68	16x12	6HX	16	20	140	32	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				★	☆	★	★		☆	☆	

★首选 First choice ☆可选 Good choice

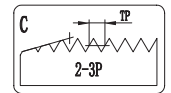
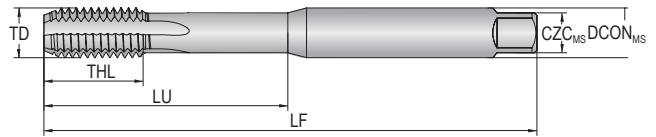
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

DIN 德标通用丝锥系列 C/2-3P

DIN Standard General HSSE Tap



无涂层 Uncoated	型号 Model		库存 Stock	尺寸 Dimension/mm								
	涂层 Coated			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DHTM2-6HXCWH	DHTM2-6HXCCH	○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	6	
DHTM2.5-6HXCWH	DHTM2.5-6HXCCH	○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	8	
DHTM3-6HXCWH	DHTM3-6HXCCH	●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	10	
DHTM4-6HXCWH	DHTM4-6HXCCH	●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	12	
DHTM5-6HXCWH	DHTM5-6HXCCH	●	M5	0.8	25	6x4.9	6HX	6	5	70	14	
DHTM6-6HXCWH	DHTM6-6HXCCH	●	M6	1.0	29	6x4.9	6HX	6	6	80	16	
DHTM8-6HXCWH	DHTM8-6HXCCH	●	M8	1.25	35	8x6.2	6HX	8	8	90	18	
DHTM10-6HXCWH	DHTM10-6HXCCH	●	M10	1.5	39	10x8	6HX	10	10	100	20	
DHTM12-6HXCWH	DHTM12-6HXCCH	●	M12	1.75	49	9x7	6HX	9	12	110	24	
DHTM14-6HXCWH	DHTM14-6HXCCH	●	M14	2.0	53	11x9	6HX	11	14	110	26	
DHTM16-6HXCWH	DHTM16-6HXCCH	●	M16	2.0	54	12x9	6HX	12	16	110	26	
DHTM18-6HXCWH	DHTM18-6HXCCH	○	M18	2.5	62	14x11	6HX	14	18	125	30	
DHTM20-6HXCWH	DHTM20-6HXCCH	○	M20	2.5	68	16x12	6HX	16	20	140	32	
DHTM3x0.35-6HXCWH	DHTM3x0.35-6HXCCH	○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	10	
DHTM4x0.5-6HXCWH	DHTM4x0.5-6HXCCH	○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	12	
DHTM5x0.5-6HXCWH	DHTM5x0.5-6HXCCH	○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	14	
DHTM6x0.5-6HXCWH	DHTM6x0.5-6HXCCH	○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	16	
DHTM6x0.75-6HXCWH	DHTM6x0.75-6HXCCH	○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	16	
DHTM8x0.75-6HXCWH	DHTM8x0.75-6HXCCH	○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	18	
DHTM8x1-6HXCWH	DHTM8x1-6HXCCH	●	M8x1	1.0	35	8x6.2	6HX	8	8	90	18	
DHTM10x1-6HXCWH	DHTM10x1-6HXCCH	○	M10x1	1.0	39	10x8	6HX	10	10	100	20	
DHTM10x1.25-6HXCWH	DHTM10x1.25-6HXCCH	●	M10x1.25	1.25	39	10x8	6HX	10	10	100	20	
DHTM12x1-6HXCWH	DHTM12x1-6HXCCH	○	M12x1	1.0	49	9x7	6HX	9	12	110	24	
DHTM12x1.25-6HXCWH	DHTM12x1.25-6HXCCH	●	M12x1.25	1.25	49	9x7	6HX	9	12	110	24	
DHTM12x1.5-6HXCWH	DHTM12x1.5-6HXCCH	●	M12x1.5	1.5	49	9x7	6HX	9	12	110	24	
DHTM14x1-6HXCWH	DHTM14x1-6HXCCH	○	M14x1	1.0	53	11x9	6HX	11	14	110	26	
DHTM14x1.25-6HXCWH	DHTM14x1.25-6HXCCH	○	M14x1.25	1.25	53	11x9	6HX	11	14	110	26	
DHTM14x1.5-6HXCWH	DHTM14x1.5-6HXCCH	●	M14x1.5	1.5	53	11x9	6HX	11	14	110	26	
DHTM16x1-6HXCWH	DHTM16x1-6HXCCH	○	M16x1	1.0	54	12x9	6HX	12	16	110	26	
DHTM16x1.5-6HXCWH	DHTM16x1.5-6HXCCH	●	M16x1.5	1.5	54	12x9	6HX	12	16	110	26	
DHTM18x1-6HXCWH	DHTM18x1-6HXCCH	○	M18x1	1.0	62	14x11	6HX	14	18	125	30	
DHTM18x1.5-6HXCWH	DHTM18x1.5-6HXCCH	○	M18x1.5	1.5	62	14x11	6HX	14	18	125	30	
DHTM18x2-6HXCWH	DHTM18x2-6HXCCH	○	M18x2	2.0	62	14x11	6HX	14	18	125	30	
DHTM20x1-6HXCWH	DHTM20x1-6HXCCH	○	M20x1	1.0	68	16x12	6HX	16	20	140	32	
DHTM20x1.5-6HXCWH	DHTM20x1.5-6HXCCH	○	M20x1.5	1.5	68	16x12	6HX	16	20	140	32	
DHTM20x2-6HXCWH	DHTM20x2-6HXCCH	○	M20x2	2.0	68	16x12	6HX	16	20	140	32	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Fertitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				☆	☆	☆	☆				

★首选 First choice ☆可选 Good choice

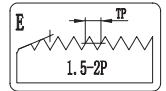
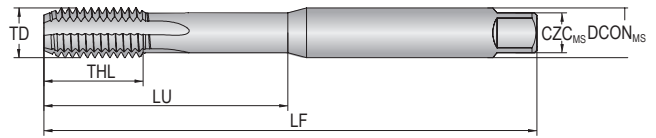
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

DIN 德标通用丝锥系列 E/1.5-2P

DIN Standard General HSSE Tap



型号 Model		库存 Stock	尺寸 Dimension/mm									
无涂层 Uncoated	涂层 Coated		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
DHTM2-6HXEWH	DHTM2-6HXECH	○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	6	
DHTM2.5-6HXEWH	DHTM2.5-6HXECH	○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	8	
DHTM3-6HXEWH	DHTM3-6HXECH	●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	10	
DHTM4-6HXEWH	DHTM4-6HXECH	●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	12	
DHTM5-6HXEWH	DHTM5-6HXECH	●	M5	0.8	25	6x4.9	6HX	6	5	70	14	
DHTM6-6HXEWH	DHTM6-6HXECH	●	M6	1.0	29	6x4.9	6HX	6	6	80	16	
DHTM8-6HXEWH	DHTM8-6HXECH	●	M8	1.25	35	8x6.2	6HX	8	8	90	18	
DHTM10-6HXEWH	DHTM10-6HXECH	●	M10	1.5	39	10x8	6HX	10	10	100	20	
DHTM12-6HXEWH	DHTM12-6HXECH	●	M12	1.75	49	9x7	6HX	9	12	110	24	
DHTM14-6HXEWH	DHTM14-6HXECH	●	M14	2.0	53	11x9	6HX	11	14	110	26	
DHTM16-6HXEWH	DHTM16-6HXECH	●	M16	2.0	54	12x9	6HX	12	16	110	26	
DHTM18-6HXEWH	DHTM18-6HXECH	○	M18	2.5	62	14x11	6HX	14	18	125	30	
DHTM20-6HXEWH	DHTM20-6HXECH	○	M20	2.5	68	16x12	6HX	16	20	140	32	
DHTM3x0.35-6HXEWH	DHTM3x0.35-6HXECH	○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	10	
DHTM4x0.5-6HXEWH	DHTM4x0.5-6HXECH	○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	12	
DHTM5x0.5-6HXEWH	DHTM5x0.5-6HXECH	○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	14	
DHTM6x0.5-6HXEWH	DHTM6x0.5-6HXECH	○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	16	
DHTM6x0.75-6HXEWH	DHTM6x0.75-6HXECH	○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	16	
DHTM8x0.75-6HXEWH	DHTM8x0.75-6HXECH	○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	18	
DHTM8x1-6HXEWH	DHTM8x1-6HXECH	●	M8x1	1.0	35	8x6.2	6HX	8	8	90	18	
DHTM10x1-6HXEWH	DHTM10x1-6HXECH	○	M10x1	1.0	39	10x8	6HX	10	10	100	20	
DHTM10x1.25-6HXEWH	DHTM10x1.25-6HXECH	●	M10x1.25	1.25	39	10x8	6HX	10	10	100	20	
DHTM12x1-6HXEWH	DHTM12x1-6HXECH	○	M12x1	1.0	49	9x7	6HX	9	12	110	24	
DHTM12x1.25-6HXEWH	DHTM12x1.25-6HXECH	●	M12x1.25	1.25	49	9x7	6HX	9	12	110	24	
DHTM12x1.5-6HXEWH	DHTM12x1.5-6HXECH	●	M12x1.5	1.5	49	9x7	6HX	9	12	110	24	
DHTM14x1-6HXEWH	DHTM14x1-6HXECH	○	M14x1	1.0	53	11x9	6HX	11	14	110	26	
DHTM14x1.25-6HXEWH	DHTM14x1.25-6HXECH	○	M14x1.25	1.25	53	11x9	6HX	11	14	110	26	
DHTM14x1.5-6HXEWH	DHTM14x1.5-6HXECH	●	M14x1.5	1.5	53	11x9	6HX	11	14	110	26	
DHTM16x1-6HXEWH	DHTM16x1-6HXECH	○	M16x1	1.0	54	12x9	6HX	12	16	110	26	
DHTM16x1.5-6HXEWH	DHTM16x1.5-6HXECH	●	M16x1.5	1.5	54	12x9	6HX	12	16	110	26	
DHTM18x1-6HXEWH	DHTM18x1-6HXECH	○	M18x1	1.0	62	14x11	6HX	14	18	125	30	
DHTM18x1.5-6HXEWH	DHTM18x1.5-6HXECH	○	M18x1.5	1.5	62	14x11	6HX	14	18	125	30	
DHTM18x2-6HXEWH	DHTM18x2-6HXECH	○	M18x2	2.0	62	14x11	6HX	14	18	125	30	
DHTM20x1-6HXEWH	DHTM20x1-6HXECH	○	M20x1	1.0	68	16x12	6HX	16	20	140	32	
DHTM20x1.5-6HXEWH	DHTM20x1.5-6HXECH	○	M20x1.5	1.5	68	16x12	6HX	16	20	140	32	
DHTM20x2-6HXEWH	DHTM20x2-6HXECH	○	M20x2	2.0	68	16x12	6HX	16	20	140	32	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				☆	☆	☆	☆				

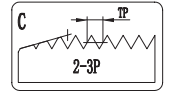
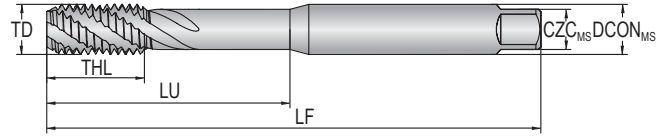
★首选 First choice ☆可选 Good choice

*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺旋槽 Spiral Flute

DIN 德标高性能丝锥系列 C/2-3P
DIN Standard High-Performance HSSE-PM Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DSAM2-6HCCP		○	M2	0.4	13	2.8x2.1	S	2.8	2	45	4.5
DSAM2.5-6HCCP		○	M2.5	0.45	14	2.8x2.1	6H	2.8	2.5	50	5
DSAM3-6HCCP		●	M3	0.5	18	3.5x2.7	6H	3.5	3	56	5.5
DSAM4-6HCCP		●	M4	0.7	21	4.5x3.4	6H	4.5	4	63	7
DSAM5-6HCCP		●	M5	0.8	25	6x4.9	6H	6	5	70	8
DSAM6-6HCCP		●	M6	1.0	29	6x4.9	6H	6	6	80	10
DSAM8-6HCCP		●	M8	1.25	35	8x6.2	6H	8	8	90	14
DSAM10-6HCCP		●	M10	1.5	39	10x8	6H	10	10	100	16
DSAM12-6HCCP		●	M12	1.75	49	9x7	6H	9	12	110	18.5
DSAM14-6HCCP		●	M14	2.0	53	11x9	6H	11	14	110	20
DSAM16-6HCCP		●	M16	2.0	54	12x9	6H	12	16	110	20
DSAM18-6HCCP		○	M18	2.5	62	14x11	6H	14	18	125	25
DSAM20-6HCCP		○	M20	2.5	68	16x12	6H	16	20	140	25
DSAM22-6HCCP		○	M22	2.5	68	18x14.5	6H	18	22	140	25
DSAM24-6HCCP		○	M24	3.0	78	18x14.5	6H	18	24	160	30
DSAM27-6HCCP		○	M27	3.0	86	20x16	6H	20	27	160	30
DSAM30-6HCCP		○	M30	3.5	100	22x18	6H	22	30	180	35
DSAM33-6HCCP		○	M33	3.5	104	25x20	6H	25	33	180	35
DSAM36-6HCCP		○	M36	4.0	118	28x22	6H	28	36	200	40
DSAM3x0.35-6HCCP		○	M3x0.35	0.35	18	3.5x2.7	6H	3.5	3	56	5.5
DSAM4x0.5-6HCCP		○	M4x0.5	0.5	21	4.5x3.4	6H	4.5	4	63	7
DSAM5x0.5-6HCCP		○	M5x0.5	0.5	25	6x4.9	6H	6	5	70	8
DSAM6x0.5-6HCCP		○	M6x0.5	0.5	29	6x4.9	6H	6	6	80	10
DSAM6x0.75-6HCCP		○	M6x0.75	0.75	29	6x4.9	6H	6	6	80	10
DSAM8x0.75-6HCCP		○	M8x0.75	0.75	35	8x6.2	6H	8	8	90	14
DSAM8x1-6HCCP		●	M8x1	1.0	35	8x6.2	6H	8	8	90	14
DSAM10x1-6HCCP		○	M10x1	1.0	39	10x8	6H	10	10	100	16
DSAM10x1.25-6HCCP		●	M10x1.25	1.25	39	10x8	6H	10	10	100	16

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel (HB ≤ 252)	合金钢 调质钢 Alloy steel Tempered Alloy steel (HRC ≤ 40)	高硬度钢、淬硬钢 High-hardness Hardened steel (40-50HRC) (50-55HRC) (> 55HRC)			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★				★	☆	★	★	★	☆		

★首选 First choice ☆可选 Good choice

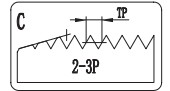
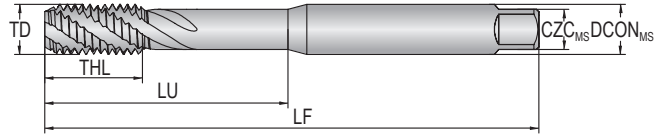
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺旋槽 Spiral Flute

DIN 德标高性能丝锥系列 C/2-3P

DIN Standard High-Performance HSSE-PM Taps



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DSAM12×1.6HCCP		○	M12x1	1.0	49	9x7	6H	9	12	110	18.5
DSAM12×1.25-6HCCP		●	M12x1.25	1.25	49	9x7	6H	9	12	110	18.5
DSAM12×1.5-6HCCP		●	M12x1.5	1.5	49	9x7	6H	9	12	110	18.5
DSAM14×1.6HCCP		○	M14x1	1.0	53	11x9	6H	11	14	110	20
DSAM14×1.25-6HCCP		○	M14x1.25	1.25	53	11x9	6H	11	14	110	20
DSAM14×1.5-6HCCP		●	M14x1.5	1.5	53	11x9	6H	11	14	110	20
DSAM16×1.6HCCP		○	M16x1	1.0	54	12x9	6H	12	16	110	20
DSAM16×1.5-6HCCP		●	M16x1.5	1.5	54	12x9	6H	12	16	110	20
DSAM18×1.6HCCP		○	M18x1	1.0	62	14x11	6H	14	18	125	25
DSAM18×1.5-6HCCP		○	M18x1.5	1.5	62	14x11	6H	14	18	125	25
DSAM18×2-6HCCP		○	M18x2	2.0	62	14x11	6H	14	18	125	25
DSAM20×1.6HCCP		○	M20x1	1.0	68	16x12	6H	16	20	140	25
DSAM20×1.5-6HCCP		○	M20x1.5	1.5	68	16x12	6H	16	20	140	25
DSAM20×2-6HCCP		○	M20x2	2.0	68	16x12	6H	16	20	140	25
DSAM22×1.6HCCP		○	M22x1	1.0	68	18x14.5	6H	18	22	140	25
DSAM22×1.5-6HCCP		○	M22x1.5	1.5	68	18x14.5	6H	18	22	140	25
DSAM22×2-6HCCP		○	M22x2	2.0	68	18x14.5	6H	18	22	140	25
DSAM24×1.6HCCP		○	M24x1	1.0	78	18x14.5	6H	18	24	160	30
DSAM24×1.5-6HCCP		○	M24x1.5	1.5	78	18x14.5	6H	18	24	160	30
DSAM24×2-6HCCP		○	M24x2	2.0	78	18x14.5	6H	18	24	160	30
DSAM27×1.5-6HCCP		○	M27x1.5	1.5	86	20x16	6H	20	27	160	30
DSAM27×2-6HCCP		○	M27x2	2.0	86	20x16	6H	20	27	160	30
DSAM30×1.5-6HCCP		○	M30x1.5	1.5	100	22x18	6H	22	30	180	35
DSAM30×2-6HCCP		○	M30x2	2.0	100	22x18	6H	22	30	180	35
DSAM33×1.5-6HCCP		○	M33x1.5	1.5	104	25x20	6H	25	33	180	35
DSAM33×2-6HCCP		○	M33x2	2.0	104	25x20	6H	25	33	180	35
DSAM36×2-6HCCP		○	M36x2	2.0	118	28x22	6H	28	36	200	40
DSAM36×3-6HCCP		○	M36x3	3.0	118	28x22	6H	28	36	200	40

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★	☆	★	★	★	☆		

★首选 First choice ☆可选 Good choice

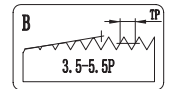
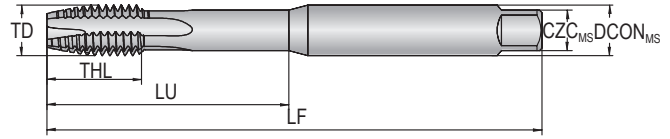
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺尖 Spiral Point

DIN 德标高性能丝锥系列 B/3.5-5.5P

DIN Standard High-Performance HSSE-PM Tap



型号 Model 涂层 Coated	库存 Stock	尺寸 Dimension/mm									
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
DPOM2-6HXBCP	○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	6	
DPOM2.5-6HXBCP	○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	8	
DPOM3-6HXBCP	●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	10	
DPOM4-6HXBCP	●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	12	
DPOM5-6HXBCP	●	M5	0.8	25	6x4.9	6HX	6	5	70	14	
DPOM6-6HXBCP	●	M6	1.0	29	6x4.9	6HX	6	6	80	16	
DPOM8-6HXBCP	●	M8	1.25	35	8x6.2	6HX	8	8	90	18	
DPOM10-6HXBCP	●	M10	1.5	39	10x8	6HX	10	10	100	20	
DPOM12-6HXBCP	●	M12	1.75	49	9x7	6HX	9	12	110	24	
DPOM14-6HXBCP	●	M14	2.0	53	11x9	6HX	11	14	110	26	
DPOM16-6HXBCP	●	M16	2.0	54	12x9	6HX	12	16	110	26	
DPOM18-6HXBCP	○	M18	2.5	62	14x11	6HX	14	18	125	30	
DPOM20-6HXBCP	○	M20	2.5	68	16x12	6HX	16	20	140	32	
DPOM3x0.35-6HXBCP	○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	10	
DPOM4x0.5-6HXBCP	○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	12	
DPOM5x0.5-6HXBCP	○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	14	
DPOM6x0.5-6HXBCP	○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	16	
DPOM6x0.75-6HXBCP	○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	16	
DPOM8x0.75-6HXBCP	○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	18	
DPOM8x1-6HXBCP	●	M8x1	1.0	35	8x6.2	6HX	8	8	90	18	
DPOM10x1-6HXBCP	○	M10x1	1.0	39	10x8	6HX	10	10	100	20	
DPOM10x1.25-6HXBCP	●	M10x1.25	1.25	39	10x8	6HX	10	10	100	20	
DPOM12x1-6HXBCP	○	M12x1	1.0	49	9x7	6HX	9	12	110	24	
DPOM12x1.25-6HXBCP	●	M12x1.25	1.25	49	9x7	6HX	9	12	110	24	
DPOM12x1.5-6HXBCP	●	M12x1.5	1.5	49	9x7	6HX	9	12	110	24	
DPOM14x1-6HXBCP	○	M14x1	1.0	53	11x9	6HX	11	14	110	26	
DPOM14x1.25-6HXBCP	○	M14x1.25	1.25	53	11x9	6HX	11	14	110	26	
DPOM14x1.5-6HXBCP	●	M14x1.5	1.5	53	11x9	6HX	11	14	110	26	
DPOM16x1-6HXBCP	○	M16x1	1.0	54	12x9	6HX	12	16	110	26	
DPOM16x1.5-6HXBCP	●	M16x1.5	1.5	54	12x9	6HX	12	16	110	26	
DPOM18x1-6HXBCP	○	M18x1	1.0	62	14x11	6HX	14	18	125	30	
DPOM18x1.5-6HXBCP	○	M18x1.5	1.5	62	14x11	6HX	14	18	125	30	
DPOM18x2-6HXBCP	○	M18x2	2.0	62	14x11	6HX	14	18	125	30	
DPOM20x1-6HXBCP	○	M20x1	1.0	68	16x12	6HX	16	20	140	32	
DPOM20x1.5-6HXBCP	○	M20x1.5	1.5	68	16x12	6HX	16	20	140	32	
DPOM20x2-6HXBCP	○	M20x2	2.0	68	16x12	6HX	16	20	140	32	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬度、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Femitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★	☆	★	★	★	☆		

★首选 First choice ☆可选 Good choice

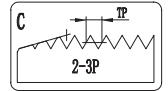
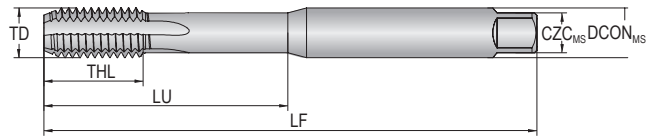
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

DIN 德标高性能丝锥系列 C/2-3P

DIN Standard High-Performance HSSE-PM Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DHTM2-6HXCCP		○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	6
DHTM2.5-6HXCCP		○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	8
DHTM3-6HXCCP		●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	10
DHTM4-6HXCCP		●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	12
DHTM5-6HXCCP		●	M5	0.8	25	6x4.9	6HX	6	5	70	14
DHTM6-6HXCCP		●	M6	1.0	29	6x4.9	6HX	6	6	80	16
DHTM8-6HXCCP		●	M8	1.25	35	8x6.2	6HX	8	8	90	18
DHTM10-6HXCCP		●	M10	1.5	39	10x8	6HX	10	10	100	20
DHTM12-6HXCCP		●	M12	1.75	49	9x7	6HX	9	12	110	24
DHTM14-6HXCP		●	M14	2.0	53	11x9	6HX	11	14	110	26
DHTM16-6HXCCP		●	M16	2.0	54	12x9	6HX	12	16	110	26
DHTM18-6HXCCP		○	M18	2.5	62	14x11	6HX	14	18	125	30
DHTM20-6HXCCP		○	M20	2.5	68	16x12	6HX	16	20	140	32
DHTM3x0.35-6HXCCP		○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	10
DHTM4x0.5-6HXCCP		○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	12
DHTM5x0.5-6HXCCP		○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	14
DHTM6x0.5-6HXCCP		○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	16
DHTM6x0.75-6HXCCP		○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	16
DHTM8x0.75-6HXCCP		○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	18
DHTM8x1-6HXCCP		●	M8x1	1.0	35	8x6.2	6HX	8	8	90	18
DHTM10x1-6HXCCP		○	M10x1	1.0	39	10x8	6HX	10	10	100	20
DHTM10x1.25-6HXCCP		●	M10x1.25	1.25	39	10x8	6HX	10	10	100	20
DHTM12x1-6HXCCP		○	M12x1	1.0	49	9x7	6HX	9	12	110	24
DHTM12x1.25-6HXCCP		●	M12x1.25	1.25	49	9x7	6HX	9	12	110	24
DHTM12x1.5-6HXCCP		●	M12x1.5	1.5	49	9x7	6HX	9	12	110	24
DHTM14x1-6HXCCP		○	M14x1	1.0	53	11x9	6HX	11	14	110	26
DHTM14x1.25-6HXCCP		○	M14x1.25	1.25	53	11x9	6HX	11	14	110	26
DHTM14x1.5-6HXCCP		●	M14x1.5	1.5	53	11x9	6HX	11	14	110	26
DHTM16x1-6HXCCP		○	M16x1	1.0	54	12x9	6HX	12	16	110	26
DHTM16x1.5-6HXCCP		●	M16x1.5	1.5	54	12x9	6HX	12	16	110	26
DHTM18x1-6HXCCP		○	M18x1	1.0	62	14x11	6HX	14	18	125	30
DHTM18x1.5-6HXCCP		○	M18x1.5	1.5	62	14x11	6HX	14	18	125	30
DHTM18x2-6HXCCP		○	M18x2	2.0	62	14x11	6HX	14	18	125	30
DHTM20x1-6HXCCP		○	M20x1	1.0	68	16x12	6HX	16	20	140	32
DHTM20x1.5-6HXCCP		○	M20x1.5	1.5	68	16x12	6HX	16	20	140	32
DHTM20x2-6HXCCP		○	M20x2	2.0	68	16x12	6HX	16	20	140	32

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★					★	★	★				

★首选 First choice ☆可选 Good choice

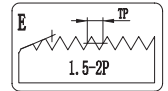
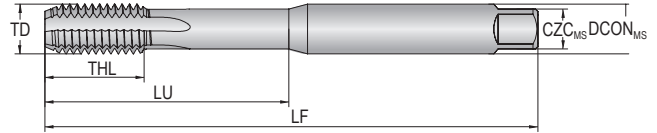
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

DIN 德标高性能丝锥系列 E/1.5-2P

DIN Standard High-Performance HSSE-PM Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DHTM2-6HXECP		○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	6
DHTM2.5-6HXECP		○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	8
DHTM3-6HXECP		●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	10
DHTM4-6HXECP		●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	12
DHTM5-6HXECP		●	M5	0.8	25	6x4.9	6HX	6	5	70	14
DHTM6-6HXECP		●	M6	1.0	29	6x4.9	6HX	6	6	80	16
DHTM8-6HXECP		●	M8	1.25	35	8x6.2	6HX	8	8	90	18
DHTM10-6HXECP		●	M10	1.5	39	10x8	6HX	10	10	100	20
DHTM12-6HXECP		●	M12	1.75	49	9x7	6HX	9	12	110	24
DHTM14-6HXECP		●	M14	2.0	53	11x9	6HX	11	14	110	26
DHTM16-6HXECP		●	M16	2.0	54	12x9	6HX	12	16	110	26
DHTM18-6HXECP		○	M18	2.5	62	14x11	6HX	14	18	125	30
DHTM20-6HXECP		○	M20	2.5	68	16x12	6HX	16	20	140	32
DHTM3x0.35-6HXECP		○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	10
DHTM4x0.5-6HXECP		○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	12
DHTM5x0.5-6HXECP		○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	14
DHTM6x0.5-6HXECP		○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	16
DHTM6x0.75-6HXECP		○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	16
DHTM8x0.75-6HXECP		○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	18
DHTM8x1-6HXECP		●	M8x1	1.0	35	8x6.2	6HX	8	8	90	18
DHTM10x1-6HXECP		○	M10x1	1.0	39	10x8	6HX	10	10	100	20
DHTM10x1.25-6HXECP		●	M10x1.25	1.25	39	10x8	6HX	10	10	100	20
DHTM12x1-6HXECP		○	M12x1	1.0	49	9x7	6HX	9	12	110	24
DHTM12x1.25-6HXECP		●	M12x1.25	1.25	49	9x7	6HX	9	12	110	24
DHTM12x1.5-6HXECP		●	M12x1.5	1.5	49	9x7	6HX	9	12	110	24
DHTM14x1-6HXECP		○	M14x1	1.0	53	11x9	6HX	11	14	110	26
DHTM14x1.25-6HXECP		○	M14x1.25	1.25	53	11x9	6HX	11	14	110	26
DHTM14x1.5-6HXECP		●	M14x1.5	1.5	53	11x9	6HX	11	14	110	26
DHTM16x1-6HXECP		○	M16x1	1.0	54	12x9	6HX	12	16	110	26
DHTM16x1.5-6HXECP		●	M16x1.5	1.5	54	12x9	6HX	12	16	110	26
DHTM18x1-6HXECP		○	M18x1	1.0	62	14x11	6HX	14	18	125	30
DHTM18x1.5-6HXECP		○	M18x1.5	1.5	62	14x11	6HX	14	18	125	30
DHTM18x2-6HXECP		○	M18x2	2.0	62	14x11	6HX	14	18	125	30
DHTM20x1-6HXECP		○	M20x1	1.0	68	16x12	6HX	16	20	140	32
DHTM20x1.5-6HXECP		○	M20x1.5	1.5	68	16x12	6HX	16	20	140	32
DHTM20x2-6HXECP		○	M20x2	2.0	68	16x12	6HX	16	20	140	32

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel (HB ≤ 252)	合金钢 调制钢 Alloy steel Tempered Alloy steel (HRC ≤ 40)	高硬钢、淬硬刚 High-hardness Hardened steel (40-50HRC)	高硬钢、淬硬刚 High-hardness Hardened steel (50-55HRC)	高硬钢、淬硬刚 High-hardness Hardened steel (> 55HRC)	铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★					★	★	★				

★首选 First choice ☆可选 Good choice

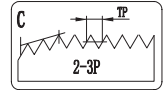
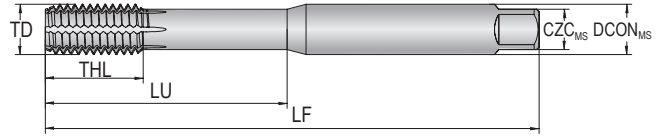
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

DIN 德标通用挤压丝锥系列 C/2-3P

DIN Standard General HSSE Forming Tap



型号 Model	库存 Stock	尺寸 Dimension/mm									
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
DNRM3-6HXCC	●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	5.5	
DNRM4-6HXCC	●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	7	
DNRM5-6HXCC	●	M5	0.8	25	6x4.9	6HX	6	5	70	8	
DNRM6-6HXCC	●	M6	1.0	29	6x4.9	6HX	6	6	80	10	
DNRM8-6HXCC	●	M8	1.25	35	8x6.2	6HX	8	8	90	14	
DNRM10-6HXCC	●	M10	1.5	39	10x8	6HX	10	10	100	16	
DNRM12-6HXCC	●	M12	1.75	49	9x7	6HX	9	12	110	18.5	
DNRM14-6HXCC	●	M14	2.0	53	11x9	6HX	11	14	110	20	
DNRM16-6HXCC	●	M16	2.0	54	12x9	6HX	12	16	110	20	
DNRM18-6HXCC	○	M18	2.5	62	14x11	6HX	14	18	125	25	
DNRM20-6HXCC	○	M20	2.5	68	16x12	6HX	16	20	140	25	
DNRM3x0.35-6HXCC	○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	5.5	
DNRM4x0.5-6HXCC	○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	7	
DNRM5x0.5-6HXCC	○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	8	
DNRM6x0.5-6HXCC	○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	10	
DNRM6x0.75-6HXCC	○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	10	
DNRM8x0.75-6HXCC	○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	14	
DNRM8x1-6HXCC	●	M8x1	1.0	35	8x6.2	6HX	8	8	90	14	
DNRM10x1-6HXCC	○	M10x1	1.0	39	10x8	6HX	10	10	100	16	
DNRM10x1.25-6HXCC	●	M10x1.25	1.25	39	10x8	6HX	10	10	100	16	
DNRM12x1-6HXCC	○	M12x1	1.0	49	9x7	6HX	9	12	110	18.5	
DNRM12x1.25-6HXCC	●	M12x1.25	1.25	49	9x7	6HX	9	12	110	18.5	
DNRM12x1.5-6HXCC	●	M12x1.5	1.5	49	9x7	6HX	9	12	110	18.5	
DNRM14x1-6HXCC	○	M14x1	1.0	53	11x9	6HX	11	14	110	20	
DNRM14x1.25-6HXCC	○	M14x1.25	1.25	53	11x9	6HX	11	14	110	20	
DNRM14x1.5-6HXCC	●	M14x1.5	1.5	53	11x9	6HX	11	14	110	20	
DNRM16x1-6HXCC	○	M16x1	1.0	54	12x9	6HX	12	16	110	20	
DNRM16x1.5-6HXCC	●	M16x1.5	1.5	54	12x9	6HX	12	16	110	20	
DNRM18x1-6HXCC	○	M18x1	1.0	62	14x11	6HX	14	18	125	25	
DNRM18x1.5-6HXCC	○	M18x1.5	1.5	62	14x11	6HX	14	18	125	25	
DNRM18x2-6HXCC	○	M18x2	2.0	62	14x11	6HX	14	18	125	25	
DNRM20x1-6HXCC	○	M20x1	1.0	68	16x12	6HX	16	20	140	25	
DNRM20x1.5-6HXCC	○	M20x1.5	1.5	68	16x12	6HX	16	20	140	25	
DNRM20x2-6HXCC	○	M20x2	2.0	68	16x12	6HX	16	20	140	25	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel	铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	☆		★		★	★				

★首选 First choice ☆可选 Good choice

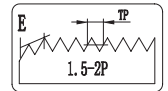
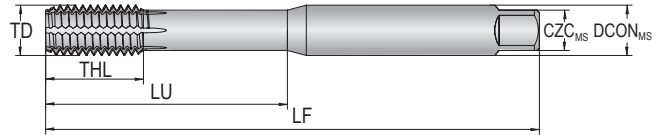
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

DIN 德标通用挤压丝锥系列 E/1.5-2P

DIN Standard General HSSE Forming Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DNRM3-6HXECH		●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	5.5
DNRM4-6HXECH		●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	7
DNRM5-6HXECH		●	M5	0.8	25	6x4.9	6HX	6	5	70	8
DNRM6-6HXECH		●	M6	1.0	29	6x4.9	6HX	6	6	80	10
DNRM8-6HXECH		●	M8	1.25	35	8x6.2	6HX	8	8	90	14
DNRM10-6HXECH		●	M10	1.5	39	10x8	6HX	10	10	100	16
DNRM12-6HXECH		●	M12	1.75	49	9x7	6HX	9	12	110	18.5
DNRM14-6HXECH		●	M14	2.0	53	11x9	6HX	11	14	110	20
DNRM16-6HXECH		●	M16	2.0	54	12x9	6HX	12	16	110	20
DNRM18-6HXECH		○	M18	2.5	62	14x11	6HX	14	18	125	25
DNRM20-6HXECH		○	M20	2.5	68	16x12	6HX	16	20	140	25
DNRM3x0.35-6HXECH		○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	5.5
DNRM4x0.5-6HXECH		○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	7
DNRM5x0.5-6HXECH		○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	8
DNRM6x0.5-6HXECH		○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	10
DNRM6x0.75-6HXECH		○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	10
DNRM8x0.75-6HXECH		○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	14
DNRM8x1-6HXECH		●	M8x1	1.0	35	8x6.2	6HX	8	8	90	14
DNRM10x1-6HXECH		○	M10x1	1.0	39	10x8	6HX	10	10	100	16
DNRM10x1.25-6HXECH		●	M10x1.25	1.25	39	10x8	6HX	10	10	100	16
DNRM12x1-6HXECH		○	M12x1	1.0	49	9x7	6HX	9	12	110	18.5
DNRM12x1.25-6HXECH		●	M12x1.25	1.25	49	9x7	6HX	9	12	110	18.5
DNRM12x1.5-6HXECH		●	M12x1.5	1.5	49	9x7	6HX	9	12	110	18.5
DNRM14x1-6HXECH		○	M14x1	1.0	53	11x9	6HX	11	14	110	20
DNRM14x1.25-6HXECH		○	M14x1.25	1.25	53	11x9	6HX	11	14	110	20
DNRM14x1.5-6HXECH		●	M14x1.5	1.5	53	11x9	6HX	11	14	110	20
DNRM16x1-6HXECH		○	M16x1	1.0	54	12x9	6HX	12	16	110	20
DNRM16x1.5-6HXECH		●	M16x1.5	1.5	54	12x9	6HX	12	16	110	20
DNRM18x1-6HXECH		○	M18x1	1.0	62	14x11	6HX	14	18	125	25
DNRM18x1.5-6HXECH		○	M18x1.5	1.5	62	14x11	6HX	14	18	125	25
DNRM18x2-6HXECH		○	M18x2	2.0	62	14x11	6HX	14	18	125	25
DNRM20x1-6HXECH		○	M20x1	1.0	68	16x12	6HX	16	20	140	25
DNRM20x1.5-6HXECH		○	M20x1.5	1.5	68	16x12	6HX	16	20	140	25
DNRM20x2-6HXECH		○	M20x2	2.0	68	16x12	6HX	16	20	140	25

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬度钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	☆				★	★	★					

★首选 First choice ☆可选 Good choice

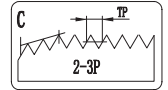
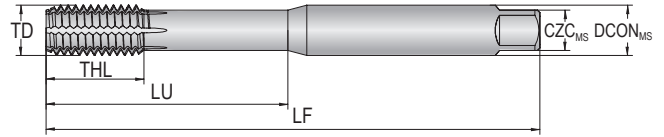
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

DIN 德标高性能挤压丝锥系列 C/2-3P

DIN Standard High-Performance HSSE-PM Forming Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DNRM2-6HXCCP		○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	4.5
DNRM2.5-6HXCCP		○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	5
DNRM3-6HXCCP		●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	5.5
DNRM4-6HXCCP		●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	7
DNRM5-6HXCCP		●	M5	0.8	25	6x4.9	6HX	6	5	70	8
DNRM6-6HXCCP		●	M6	1.0	29	6x4.9	6HX	6	6	80	10
DNRM8-6HXCCP		●	M8	1.25	35	8x6.2	6HX	8	8	90	14
DNRM10-6HXCCP		●	M10	1.5	39	10x8	6HX	10	10	100	16
DNRM12-6HXCCP		●	M12	1.75	49	9x7	6HX	9	12	110	18.5
DNRM14-6HXCCP		●	M14	2.0	53	11x9	6HX	11	14	110	20
DNRM16-6HXCCP		●	M16	2.0	54	12x9	6HX	12	16	110	20
DNRM18-6HXCCP		○	M18	2.5	62	14x11	6HX	14	18	125	25
DNRM20-6HXCCP		○	M20	2.5	68	16x12	6HX	16	20	140	25
DNRM3x0.35-6HXCCP		○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	5.5
DNRM4x0.5-6HXCCP		○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	7
DNRM5x0.5-6HXCCP		○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	8
DNRM6x0.5-6HXCCP		○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	10
DNRM6x0.75-6HXCCP		○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	10
DNRM8x0.75-6HXCCP		○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	14
DNRM8x1-6HXCCP		●	M8x1	1.0	35	8x6.2	6HX	8	8	90	14
DNRM10x1-6HXCCP		○	M10x1	1.0	39	10x8	6HX	10	10	100	16
DNRM10x1.25-6HXCCP		●	M10x1.25	1.25	39	10x8	6HX	10	10	100	16
DNRM12x1-6HXCCP		○	M12x1	1.0	49	9x7	6HX	9	12	110	18.5
DNRM12x1.25-6HXCCP		●	M12x1.25	1.25	49	9x7	6HX	9	12	110	18.5
DNRM12x1.5-6HXCCP		●	M12x1.5	1.5	49	9x7	6HX	9	12	110	18.5
DNRM14x1-6HXCCP		○	M14x1	1.0	53	11x9	6HX	11	14	110	20
DNRM14x1.25-6HXCCP		○	M14x1.25	1.25	53	11x9	6HX	11	14	110	20
DNRM14x1.5-6HXCCP		●	M14x1.5	1.5	53	11x9	6HX	11	14	110	20
DNRM16x1-6HXCCP		○	M16x1	1.0	54	12x9	6HX	12	16	110	20
DNRM16x1.5-6HXCCP		●	M16x1.5	1.5	54	12x9	6HX	12	16	110	20
DNRM18x1-6HXCCP		○	M18x1	1.0	62	14x11	6HX	14	18	125	25
DNRM18x1.5-6HXCCP		○	M18x1.5	1.5	62	14x11	6HX	14	18	125	25
DNRM18x2-6HXCCP		○	M18x2	2.0	62	14x11	6HX	14	18	125	25
DNRM20x1-6HXCCP		○	M20x1	1.0	68	16x12	6HX	16	20	140	25
DNRM20x1.5-6HXCCP		○	M20x1.5	1.5	68	16x12	6HX	16	20	140	25
DNRM20x2-6HXCCP		○	M20x2	2.0	68	16x12	6HX	16	20	140	25

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬度、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★	(40-50HRC)	(50-55HRC)	(> 55HRC)	★	★	★					

★首选 First choice ☆可选 Good choice

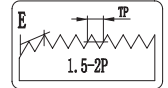
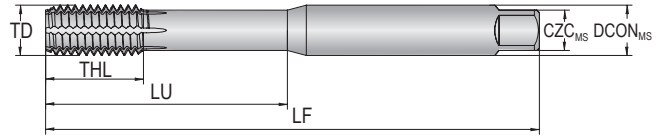
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

DIN 德标高性能挤压丝锥系列 E/1.5-2P

DIN Standard High-Performance HSSE-PM Forming Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
DNRM2-6HXECP		○	M2	0.4	13	2.8x2.1	6HX	2.8	2	45	4.5
DNRM2.5-6HXECP		○	M2.5	0.45	14	2.8x2.1	6HX	2.8	2.5	50	5
DNRM3-6HXECP		●	M3	0.5	18	3.5x2.7	6HX	3.5	3	56	5.5
DNRM4-6HXECP		●	M4	0.7	21	4.5x3.4	6HX	4.5	4	63	7
DNRM5-6HXECP		●	M5	0.8	25	6x4.9	6HX	6	5	70	8
DNRM6-6HXECP		●	M6	1.0	29	6x4.9	6HX	6	6	80	10
DNRM8-6HXECP		●	M8	1.25	35	8x6.2	6HX	8	8	90	14
DNRM10-6HXECP		●	M10	1.5	39	10x8	6HX	10	10	100	16
DNRM12-6HXECP		●	M12	1.75	49	9x7	6HX	9	12	110	18.5
DNRM14-6HXECP		●	M14	2.0	53	11x9	6HX	11	14	110	20
DNRM16-6HXECP		●	M16	2.0	54	12x9	6HX	12	16	110	20
DNRM18-6HXECP		○	M18	2.5	62	14x11	6HX	14	18	125	25
DNRM20-6HXECP		○	M20	2.5	68	16x12	6HX	16	20	140	25
DNRM3x0.35-6HXECP		○	M3x0.35	0.35	18	3.5x2.7	6HX	3.5	3	56	5.5
DNRM4x0.5-6HXECP		○	M4x0.5	0.5	21	4.5x3.4	6HX	4.5	4	63	7
DNRM5x0.5-6HXECP		○	M5x0.5	0.5	25	6x4.9	6HX	6	5	70	8
DNRM6x0.5-6HXECP		○	M6x0.5	0.5	29	6x4.9	6HX	6	6	80	10
DNRM6x0.75-6HXECP		○	M6x0.75	0.75	29	6x4.9	6HX	6	6	80	10
DNRM8x0.75-6HXECP		○	M8x0.75	0.75	35	8x6.2	6HX	8	8	90	14
DNRM8x1-6HXECP		●	M8x1	1.0	35	8x6.2	6HX	8	8	90	14
DNRM10x1-6HXECP		○	M10x1	1.0	39	10x8	6HX	10	10	100	16
DNRM10x1.25-6HXECP		●	M10x1.25	1.25	39	10x8	6HX	10	10	100	16
DNRM12x1-6HXECP		○	M12x1	1.0	49	9x7	6HX	9	12	110	18.5
DNRM12x1.25-6HXECP		●	M12x1.25	1.25	49	9x7	6HX	9	12	110	18.5
DNRM12x1.5-6HXECP		●	M12x1.5	1.5	49	9x7	6HX	9	12	110	18.5
DNRM14x1-6HXECP		○	M14x1	1.0	53	11x9	6HX	11	14	110	20
DNRM14x1.25-6HXECP		○	M14x1.25	1.25	53	11x9	6HX	11	14	110	20
DNRM14x1.5-6HXECP		●	M14x1.5	1.5	53	11x9	6HX	11	14	110	20
DNRM16x1-6HXECP		○	M16x1	1.0	54	12x9	6HX	12	16	110	20
DNRM16x1.5-6HXECP		●	M16x1.5	1.5	54	12x9	6HX	12	16	110	20
DNRM18x1-6HXECP		○	M18x1	1.0	62	14x11	6HX	14	18	125	25
DNRM18x1.5-6HXECP		○	M18x1.5	1.5	62	14x11	6HX	14	18	125	25
DNRM18x2-6HXECP		○	M18x2	2.0	62	14x11	6HX	14	18	125	25
DNRM20x1-6HXECP		○	M20x1	1.0	68	16x12	6HX	16	20	140	25
DNRM20x1.5-6HXECP		○	M20x1.5	1.5	68	16x12	6HX	16	20	140	25
DNRM20x2-6HXECP		○	M20x2	2.0	68	16x12	6HX	16	20	140	25

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Femitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★		★	★				

★首选 First choice ☆可选 Good choice

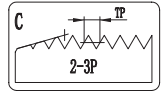
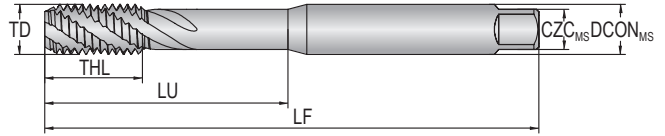
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺旋槽 Spiral Flute

JIS 日标通用丝锥系列 C/2-3P

JIS Standard General HSSE Tap



无涂层 Uncoated	型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
				TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
JSAM2-6HCWH	JSAM2-6HCWH	JSAM2-6HCCH	○	M2	0.4	16	3x2.5	6H	3	2	40	4
JSAM2.5-6HCWH	JSAM2.5-6HCWH	JSAM2.5-6HCCH	○	M2.5	0.45	16	3x2.5	6H	3	2.5	44	5
JSAM3-6HCWH	JSAM3-6HCWH	JSAM3-6HCCH	●	M3	0.5	19	4x3.2	6H	4	3	46	5.5
JSAM4-6HCWH	JSAM4-6HCWH	JSAM4-6HCCH	●	M4	0.7	21	5x4	6H	5	4	52	7.7
JSAM5-6HCWH	JSAM5-6HCWH	JSAM5-6HCCH	●	M5	0.8	24	5.5x4.5	6H	5.5	5	60	8.8
JSAM6-6HCWH	JSAM6-6HCWH	JSAM6-6HCCH	●	M6	1.0	29	6x4.5	6H	6	6	62	11
JSAM8-6HCWH	JSAM8-6HCWH	JSAM8-6HCCH	●	M8	1.25	37	6.2x5	6H	6.2	8	70	13.5
JSAM10-6HCWH	JSAM10-6HCWH	JSAM10-6HCCH	●	M10	1.5	41	7x5.5	6H	7	10	75	16.5
JSAM12-6HCWH	JSAM12-6HCWH	JSAM12-6HCCH	●	M12	1.75	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM14-6HCWH	JSAM14-6HCWH	JSAM14-6HCCH	●	M14	2.0	48	10.5x8	6H	10.5	14	88	22
JSAM16-6HCWH	JSAM16-6HCWH	JSAM16-6HCCH	●	M16	2.0	52	12.5x10	6H	12.5	16	95	22
JSAM18-6HCWH	JSAM18-6HCWH	JSAM18-6HCCH	○	M18	2.5	55	14x11	6H	14	18	100	27.5
JSAM20-6HCWH	JSAM20-6HCWH	JSAM20-6HCCH	○	M20	2.5	58	15x12	6H	15	20	105	27.5
JSAM3x0.35-6HCWH	JSAM3x0.35-6HCWH	JSAM3x0.35-6HCCH	○	M3x0.35	0.35	19	4x3.2	6H	4	3	46	5.5
JSAM4x0.5-6HCWH	JSAM4x0.5-6HCWH	JSAM4x0.5-6HCCH	○	M4x0.5	0.5	21	5x4	6H	5	4	52	7.7
JSAM5x0.5-6HCWH	JSAM5x0.5-6HCWH	JSAM5x0.5-6HCCH	○	M5x0.5	0.5	24	5.5x4.5	6H	5.5	5	60	8.8
JSAM6x0.5-6HCWH	JSAM6x0.5-6HCWH	JSAM6x0.5-6HCCH	○	M6x0.5	0.5	29	6x4.5	6H	6	6	62	11
JSAM6x0.75-6HCWH	JSAM6x0.75-6HCWH	JSAM6x0.75-6HCCH	○	M6x0.75	0.75	29	6x4.5	6H	6	6	62	11
JSAM8x0.75-6HCWH	JSAM8x0.75-6HCWH	JSAM8x0.75-6HCCH	○	M8x0.75	0.75	37	6.2x5	6H	6.2	8	70	13.5
JSAM8x1-6HCWH	JSAM8x1-6HCWH	JSAM8x1-6HCCH	●	M8x1	1.0	37	6.2x5	6H	6.2	8	70	13.5
JSAM10x1-6HCWH	JSAM10x1-6HCWH	JSAM10x1-6HCCH	○	M10x1	1.0	41	7x5.5	6H	7	10	75	16.5
JSAM10x1.25-6HCWH	JSAM10x1.25-6HCWH	JSAM10x1.25-6HCCH	●	M10x1.25	1.25	41	7x5.5	6H	7	10	75	16.5
JSAM12x1-6HCWH	JSAM12x1-6HCWH	JSAM12x1-6HCCH	○	M12x1	1.0	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM12x1.25-6HCWH	JSAM12x1.25-6HCWH	JSAM12x1.25-6HCCH	●	M12x1.25	1.25	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM12x1.5-6HCWH	JSAM12x1.5-6HCWH	JSAM12x1.5-6HCCH	●	M12x1.5	1.5	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM14x1-6HCWH	JSAM14x1-6HCWH	JSAM14x1-6HCCH	○	M14x1	1.0	48	10.5x8	6H	10.5	14	88	22
JSAM14x1.25-6HCWH	JSAM14x1.25-6HCWH	JSAM14x1.25-6HCCH	○	M14x1.25	1.25	48	10.5x8	6H	10.5	14	88	22
JSAM14x1.5-6HCWH	JSAM14x1.5-6HCWH	JSAM14x1.5-6HCCH	●	M14x1.5	1.5	48	10.5x8	6H	10.5	14	88	22
JSAM16x1-6HCWH	JSAM16x1-6HCWH	JSAM16x1-6HCCH	○	M16x1	1.0	52	12.5x10	6H	12.5	16	95	22
JSAM16x1.5-6HCWH	JSAM16x1.5-6HCWH	JSAM16x1.5-6HCCH	●	M16x1.5	1.5	52	12.5x10	6H	12.5	16	95	22
JSAM18x1-6HCWH	JSAM18x1-6HCWH	JSAM18x1-6HCCH	○	M18x1	1.0	55	14x11	6H	14	18	100	27.5
JSAM18x1.5-6HCWH	JSAM18x1.5-6HCWH	JSAM18x1.5-6HCCH	○	M18x1.5	1.5	55	14x11	6H	14	18	100	27.5
JSAM18x2-6HCWH	JSAM18x2-6HCWH	JSAM18x2-6HCCH	○	M18x2	2.0	55	14x11	6H	14	18	100	27.5
JSAM20x1-6HCWH	JSAM20x1-6HCWH	JSAM20x1-6HCCH	○	M20x1	1.0	58	15x12	6H	15	20	105	27.5
JSAM20x1.5-6HCWH	JSAM20x1.5-6HCWH	JSAM20x1.5-6HCCH	○	M20x1.5	1.5	58	15x12	6H	15	20	105	27.5
JSAM20x2-6HCWH	JSAM20x2-6HCWH	JSAM20x2-6HCCH	○	M20x2	2.0	58	15x12	6H	15	20	105	27.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 Alloy steel Tempered Alloy steel	高硬度钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				★	☆	★	★		☆	☆	

★首选 First choice ☆可选 Good choice

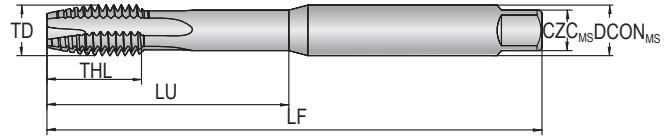
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* For specific material, please refer to C198 for further information.

螺尖 Spiral Point

JIS 日标通用丝锥系列 B/3.5-5.5P

JIS Standard General HSSE Tap



无涂层 Uncoated	型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
				TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
	JPOM2-6HXBWH	JPOM2-6HXBCH	○	M2	0.4	16	3x2.5	6HX	3	2	40	6
	JPOM2.5-6HXBWH	JPOM2.5-6HXBCH	○	M2.5	0.45	16	3x2.5	6HX	3	2.5	44	6.5
	JPOM3-6HXBWH	JPOM3-6HXBCH	●	M3	0.5	19	4x3.2	6HX	4	3	46	7.5
	JPOM4-6HXBWH	JPOM4-6HXBCH	●	M4	0.7	21	5x4	6HX	5	4	52	10.5
	JPOM5-6HXBWH	JPOM5-6HXBCH	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	12
	JPOM6-6HXBWH	JPOM6-6HXBCH	●	M6	1.0	29	6x4.5	6HX	6	6	62	15
	JPOM8-6HXBWH	JPOM8-6HXBCH	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	18.8
	JPOM10-6HXBWH	JPOM10-6HXBCH	●	M10	1.5	41	7x5.5	6HX	7	10	75	22.5
	JPOM12-6HXBWH	JPOM12-6HXBCH	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	26.3
	JPOM14-6HXBWH	JPOM14-6HXBCH	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	30
	JPOM16-6HXBWH	JPOM16-6HXBCH	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	30
	JPOM18-6HXBWH	JPOM18-6HXBCH	○	M18	2.5	55	14x11	6HX	14	18	100	37.5
	JPOM20-6HXBWH	JPOM20-6HXBCH	○	M20	2.5	58	15x12	6HX	15	20	105	37.5
	JPOM3x0.35-6HXBWH	JPOM3x0.35-6HXBCH	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	7.5
	JPOM4x0.5-6HXBWH	JPOM4x0.5-6HXBCH	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	10.5
	JPOM5x0.5-6HXBWH	JPOM5x0.5-6HXBCH	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	12
	JPOM6x0.5-6HXBWH	JPOM6x0.5-6HXBCH	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	15
	JPOM6x0.75-6HXBWH	JPOM6x0.75-6HXBCH	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	15
	JPOM8x0.75-6HXBWH	JPOM8x0.75-6HXBCH	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	18.8
	JPOM8x1-6HXBWH	JPOM8x1-6HXBCH	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	18.8
	JPOM10x1-6HXBWH	JPOM10x1-6HXBCH	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	22.5
	JPOM10x1.25-6HXBWH	JPOM10x1.25-6HXBCH	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	22.5
	JPOM12x1-6HXBWH	JPOM12x1-6HXBCH	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	26.3
	JPOM12x1.25-6HXBWH	JPOM12x1.25-6HXBCH	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	26.3
	JPOM12x1.5-6HXBWH	JPOM12x1.5-6HXBCH	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	26.3
	JPOM14x1-6HXBWH	JPOM14x1-6HXBCH	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	30
	JPOM14x1.25-6HXBWH	JPOM14x1.25-6HXBCH	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	30
	JPOM14x1.5-6HXBWH	JPOM14x1.5-6HXBCH	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	30
	JPOM16x1-6HXBWH	JPOM16x1-6HXBCH	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	30
	JPOM16x1.5-6HXBWH	JPOM16x1.5-6HXBCH	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	30
	JPOM18x1-6HXBWH	JPOM18x1-6HXBCH	○	M18x1	1.0	55	14x11	6HX	14	18	100	37.5
	JPOM18x1.5-6HXBWH	JPOM18x1.5-6HXBCH	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	37.5
	JPOM18x2-6HXBWH	JPOM18x2-6HXBCH	○	M18x2	2.0	55	14x11	6HX	14	18	100	37.5
	JPOM20x1-6HXBWH	JPOM20x1-6HXBCH	○	M20x1	1.0	58	15x12	6HX	15	20	105	37.5
	JPOM20x1.5-6HXBWH	JPOM20x1.5-6HXBCH	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	37.5
	JPOM20x2-6HXBWH	JPOM20x2-6HXBCH	○	M20x2	2.0	58	15x12	6HX	15	20	105	37.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬度、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Femitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				★	☆	★	★	☆	☆		

★首选 First choice ☆可选 Good choice

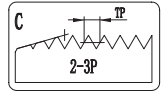
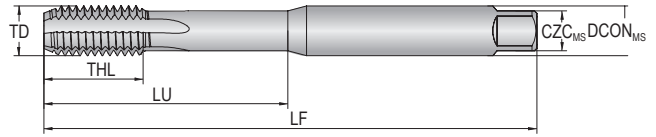
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

JIS 日标通用丝锥系列 C/2-3P

JIS Standard General HSSE Tap



型号 Model		库存 Stock	尺寸 Dimension/mm									
无涂层 Uncoated	涂层 Coated		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
JHTM2-6HXCWH	JHTM2-6HXCCH	○	M2	0.4	16	3x2.5	6HX	3	2	40	6	
JHTM2.5-6HXCWH	JHTM2.5-6HXCCH	○	M2.5	0.45	16	3x2.5	6HX	3	2.5	44	6.5	
JHTM3-6HXCWH	JHTM3-6HXCCH	●	M3	0.5	19	4x3.2	6HX	4	3	46	7.5	
JHTM4-6HXCWH	JHTM4-6HXCCH	●	M4	0.7	21	5x4	6HX	5	4	52	10.5	
JHTM5-6HXCWH	JHTM5-6HXCCH	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	12	
JHTM6-6HXCWH	JHTM6-6HXCCH	●	M6	1.0	29	6x4.5	6HX	6	6	62	15	
JHTM8-6HXCWH	JHTM8-6HXCCH	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	18.8	
JHTM10-6HXCWH	JHTM10-6HXCCH	●	M10	1.5	41	7x5.5	6HX	7	10	75	22.5	
JHTM12-6HXCWH	JHTM12-6HXCCH	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM14-6HXCWH	JHTM14-6HXCCH	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	30	
JHTM16-6HXCWH	JHTM16-6HXCCH	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	30	
JHTM18-6HXCWH	JHTM18-6HXCCH	○	M18	2.5	55	14x11	6HX	14	18	100	37.5	
JHTM20-6HXCWH	JHTM20-6HXCCH	○	M20	2.5	58	15x12	6HX	15	20	105	37.5	
JHTM3x0.35-6HXCWH	JHTM3x0.35-6HXCCH	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	7.5	
JHTM4x0.5-6HXCWH	JHTM4x0.5-6HXCCH	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	10.5	
JHTM5x0.5-6HXCWH	JHTM5x0.5-6HXCCH	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	12	
JHTM6x0.5-6HXCWH	JHTM6x0.5-6HXCCH	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	15	
JHTM6x0.75-6HXCWH	JHTM6x0.75-6HXCCH	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	15	
JHTM8x0.75-6HXCWH	JHTM8x0.75-6HXCCH	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	18.8	
JHTM8x1-6HXCWH	JHTM8x1-6HXCCH	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	18.8	
JHTM10x1-6HXCWH	JHTM10x1-6HXCCH	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	22.5	
JHTM10x1.25-6HXCWH	JHTM10x1.25-6HXCCH	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	22.5	
JHTM12x1-6HXCWH	JHTM12x1-6HXCCH	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM12x1.25-6HXCWH	JHTM12x1.25-6HXCCH	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM12x1.5-6HXCWH	JHTM12x1.5-6HXCCH	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM14x1-6HXCWH	JHTM14x1-6HXCCH	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	30	
JHTM14x1.25-6HXCWH	JHTM14x1.25-6HXCCH	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	30	
JHTM14x1.5-6HXCWH	JHTM14x1.5-6HXCCH	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	30	
JHTM16x1-6HXCWH	JHTM16x1-6HXCCH	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	30	
JHTM16x1.5-6HXCWH	JHTM16x1.5-6HXCCH	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	30	
JHTM18x1-6HXCWH	JHTM18x1-6HXCCH	○	M18x1	1.0	55	14x11	6HX	14	18	100	37.5	
JHTM18x1.5-6HXCWH	JHTM18x1.5-6HXCCH	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	37.5	
JHTM18x2-6HXCWH	JHTM18x2-6HXCCH	○	M18x2	2.0	55	14x11	6HX	14	18	100	37.5	
JHTM20x1-6HXCWH	JHTM20x1-6HXCCH	○	M20x1	1.0	58	15x12	6HX	15	20	105	37.5	
JHTM20x1.5-6HXCWH	JHTM20x1.5-6HXCCH	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	37.5	
JHTM20x2-6HXCWH	JHTM20x2-6HXCCH	○	M20x2	2.0	58	15x12	6HX	15	20	105	37.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高碳钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				☆	☆	☆	☆				

★首选 First choice ☆可选 Good choice

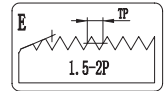
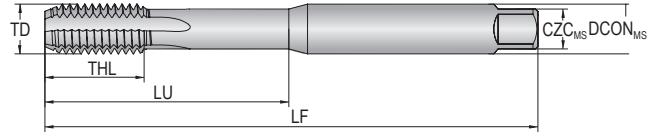
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

JIS 日标通用丝锥系列 E/1.5-2P

JIS Standard General HSSE Tap



型号 Model		库存 Stock	尺寸 Dimension/mm									
无涂层 Uncoated	涂层 Coated		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
JHTM2-6HXEWH	JHTM2-6HXECH	○	M2	0.4	16	3x2.5	6HX	3	2	40	6	
JHTM2.5-6HXEWH	JHTM2.5-6HXECH	○	M2.5	0.45	16	3x2.5	6HX	3	2.5	44	6.5	
JHTM3-6HXEWH	JHTM3-6HXECH	●	M3	0.5	19	4x3.2	6HX	4	3	46	7.5	
JHTM4-6HXEWH	JHTM4-6HXECH	●	M4	0.7	21	5x4	6HX	5	4	52	10.5	
JHTM5-6HXEWH	JHTM5-6HXECH	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	12	
JHTM6-6HXEWH	JHTM6-6HXECH	●	M6	1.0	29	6x4.5	6HX	6	6	62	15	
JHTM8-6HXEWH	JHTM8-6HXECH	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	18.8	
JHTM10-6HXEWH	JHTM10-6HXECH	●	M10	1.5	41	7x5.5	6HX	7	10	75	22.5	
JHTM12-6HXEWH	JHTM12-6HXECH	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM14-6HXEWH	JHTM14-6HXECH	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	30	
JHTM16-6HXEWH	JHTM16-6HXECH	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	30	
JHTM18-6HXEWH	JHTM18-6HXECH	○	M18	2.5	55	14x11	6HX	14	18	100	37.5	
JHTM20-6HXEWH	JHTM20-6HXECH	○	M20	2.5	58	15x12	6HX	15	20	105	37.5	
JHTM3x0.35-6HXEWH	JHTM3x0.35-6HXECH	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	7.5	
JHTM4x0.5-6HXEWH	JHTM4x0.5-6HXECH	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	10.5	
JHTM5x0.5-6HXEWH	JHTM5x0.5-6HXECH	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	12	
JHTM6x0.5-6HXEWH	JHTM6x0.5-6HXECH	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	15	
JHTM6x0.75-6HXEWH	JHTM6x0.75-6HXECH	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	15	
JHTM8x0.75-6HXEWH	JHTM8x0.75-6HXECH	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	18.8	
JHTM8x1-6HXEWH	JHTM8x1-6HXECH	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	18.8	
JHTM10x1-6HXEWH	JHTM10x1-6HXECH	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	22.5	
JHTM10x1.25-6HXEWH	JHTM10x1.25-6HXECH	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	22.5	
JHTM12x1-6HXEWH	JHTM12x1-6HXECH	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM12x1.25-6HXEWH	JHTM12x1.25-6HXECH	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM12x1.5-6HXEWH	JHTM12x1.5-6HXECH	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	26.3	
JHTM14x1-6HXEWH	JHTM14x1-6HXECH	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	30	
JHTM14x1.25-6HXEWH	JHTM14x1.25-6HXECH	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	30	
JHTM14x1.5-6HXEWH	JHTM14x1.5-6HXECH	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	30	
JHTM16x1-6HXEWH	JHTM16x1-6HXECH	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	30	
JHTM16x1.5-6HXEWH	JHTM16x1.5-6HXECH	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	30	
JHTM18x1-6HXEWH	JHTM18x1-6HXECH	○	M18x1	1.0	55	14x11	6HX	14	18	100	37.5	
JHTM18x1.5-6HXEWH	JHTM18x1.5-6HXECH	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	37.5	
JHTM18x2-6HXEWH	JHTM18x2-6HXECH	○	M18x2	2.0	55	14x11	6HX	14	18	100	37.5	
JHTM20x1-6HXEWH	JHTM20x1-6HXECH	○	M20x1	1.0	58	15x12	6HX	15	20	105	37.5	
JHTM20x1.5-6HXEWH	JHTM20x1.5-6HXECH	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	37.5	
JHTM20x2-6HXEWH	JHTM20x2-6HXECH	○	M20x2	2.0	58	15x12	6HX	15	20	105	37.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
无涂层 Uncoated	☆	☆				☆	☆	☆	☆				
涂层 Coated	★	★				☆	☆	☆	☆				

★首选 First choice ☆可选 Good choice

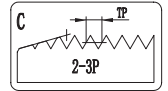
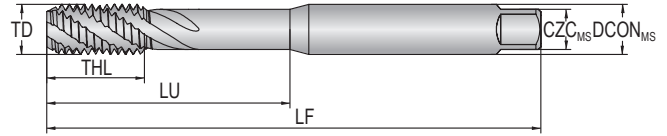
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* For specific material, please refer to C198 for further information.

螺旋槽 Spiral Flute

JIS 日标高性能丝锥系列 C/2-3P

JIS Standard High-Performance HSSE-PM Tap



型号 Model	涂层 Coated	库存 Stock	尺寸 Dimension/mm								
			TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
JSAM2-6HCCP		○	M2	0.4	16	3x2.5	6H	3	2	40	4
JSAM2.5-6HCCP		○	M2.5	0.45	16	3x2.5	6H	3	2.5	44	5
JSAM3-6HCCP		●	M3	0.5	19	4x3.2	6H	4	3	46	5.5
JSAM4-6HCCP		●	M4	0.7	21	5x4	6H	5	4	52	7.7
JSAM5-6HCCP		●	M5	0.8	24	5.5x4.5	6H	5.5	5	60	8.8
JSAM6-6HCCP		●	M6	1.0	29	6x4.5	6H	6	6	62	11
JSAM8-6HCCP		●	M8	1.25	37	6.2x5	6H	6.2	8	70	13.5
JSAM10-6HCCP		●	M10	1.5	41	7x5.5	6H	7	10	75	16.5
JSAM12-6HCCP		●	M12	1.75	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM14-6HCCP		●	M14	2.0	48	10.5x8	6H	10.5	14	88	22
JSAM16-6HCCP		●	M16	2.0	52	12.5x10	6H	12.5	16	95	22
JSAM18-6HCCP		○	M18	2.5	55	14x11	6H	14	18	100	27.5
JSAM20-6HCCP		○	M20	2.5	58	15x12	6H	15	20	105	27.5
JSAM3x0.35-6HCCP		○	M3x0.35	0.35	19	4x3.2	6H	4	3	46	5.5
JSAM4x0.5-6HCCP		○	M4x0.5	0.5	21	5x4	6H	5	4	52	7.7
JSAM5x0.5-6HCCP		○	M5x0.5	0.5	24	5.5x4.5	6H	5.5	5	60	8.8
JSAM6x0.5-6HCCP		○	M6x0.5	0.5	29	6x4.5	6H	6	6	62	11
JSAM6x0.75-6HCCP		○	M6x0.75	0.75	29	6x4.5	6H	6	6	62	11
JSAM8x0.75-6HCCP		○	M8x0.75	0.75	37	6.2x5	6H	6.2	8	70	13.5
JSAM8x1-6HCCP		○	M8x1	1.0	37	6.2x5	6H	6.2	8	70	13.5
JSAM10x1-6HCCP		○	M10x1	1.0	41	7x5.5	6H	7	10	75	16.5
JSAM10x1.25-6HCCP		○	M10x1.25	1.25	41	7x5.5	6H	7	10	75	16.5
JSAM12x1-6HCCP		○	M12x1	1.0	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM12x1.25-6HCCP		○	M12x1.25	1.25	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM12x1.5-6HCCP		○	M12x1.5	1.5	48	8.5x6.5	6H	8.5	12	82	19.5
JSAM14x1-6HCCP		●	M14x1	1.0	48	10.5x8	6H	10.5	14	88	22
JSAM14x1.25-6HCCP		○	M14x1.25	1.25	48	10.5x8	6H	10.5	14	88	22
JSAM14x1.5-6HCCP		●	M14x1.5	1.5	48	10.5x8	6H	10.5	14	88	22
JSAM16x1-6HCCP		○	M16x1	1.0	52	12.5x10	6H	12.5	16	95	22
JSAM16x1.5-6HCCP		●	M16x1.5	1.5	52	12.5x10	6H	12.5	16	95	22
JSAM18x1-6HCCP		●	M18x1	1.0	55	14x11	6H	14	18	100	27.5
JSAM18x1.5-6HCCP		○	M18x1.5	1.5	55	14x11	6H	14	18	100	27.5
JSAM18x2-6HCCP		○	M18x2	2.0	55	14x11	6H	14	18	100	27.5
JSAM20x1-6HCCP		●	M20x1	1.0	58	15x12	6H	15	20	105	27.5
JSAM20x1.5-6HCCP		○	M20x1.5	1.5	58	15x12	6H	15	20	105	27.5
JSAM20x2-6HCCP		●	M20x2	2.0	58	15x12	6H	15	20	105	27.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬度钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★	☆	★	★	★	☆		

★首选 First choice ☆可选 Good choice

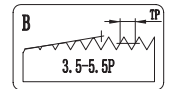
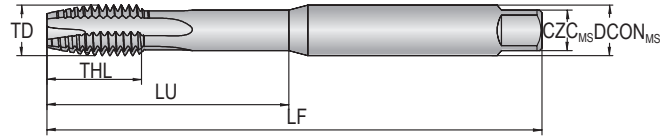
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

螺尖 Spiral Point

JIS 日标高性能丝锥系列 B/3.5-5.5P

JIS Standard High-Performance HSSE-PM Tap



型号 Model	库存 Stock	尺寸 Dimension/mm								
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
JPOM2-6HXBCP	○	M2	0.4	16	3x2.5	6HX	3	2	40	6
JPOM2.5-6HXBCP	○	M2.5	0.45	16	3x2.5	6HX	3	2.5	44	6.5
JPOM3-6HXBCP	●	M3	0.5	19	4x3.2	6HX	4	3	46	7.5
JPOM4-6HXBCP	●	M4	0.7	21	5x4	6HX	5	4	52	10.5
JPOM5-6HXBCP	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	12
JPOM6-6HXBCP	●	M6	1.0	29	6x4.5	6HX	6	6	62	15
JPOM8-6HXBCP	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	18.8
JPOM10-6HXBCP	●	M10	1.5	41	7x5.5	6HX	7	10	75	22.5
JPOM12-6HXBCP	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	26.3
JPOM14-6HXBCP	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	30
JPOM16-6HXBCP	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	30
JPOM18-6HXBCP	○	M18	2.5	55	14x11	6HX	14	18	100	37.5
JPOM20-6HXBCP	○	M20	2.5	58	15x12	6HX	15	20	105	37.5
JPOM3x0.35-6HXBCP	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	7.5
JPOM4x0.5-6HXBCP	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	10.5
JPOM5x0.5-6HXBCP	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	12
JPOM6x0.5-6HXBCP	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	15
JPOM6x0.75-6HXBCP	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	15
JPOM8x0.75-6HXBCP	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	18.8
JPOM8x1-6HXBCP	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	18.8
JPOM10x1-6HXBCP	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	22.5
JPOM10x1.25-6HXBCP	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	22.5
JPOM12x1-6HXBCP	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	26.3
JPOM12x1.25-6HXBCP	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	26.3
JPOM12x1.5-6HXBCP	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	26.3
JPOM14x1-6HXBCP	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	30
JPOM14x1.25-6HXBCP	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	30
JPOM14x1.5-6HXBCP	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	30
JPOM16x1-6HXBCP	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	30
JPOM16x1.5-6HXBCP	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	30
JPOM18x1-6HXBCP	○	M18x1	1.0	55	14x11	6HX	14	18	100	37.5
JPOM18x1.5-6HXBCP	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	37.5
JPOM18x2-6HXBCP	○	M18x2	2.0	55	14x11	6HX	14	18	100	37.5
JPOM20x1-6HXBCP	○	M20x1	1.0	58	15x12	6HX	15	20	105	37.5
JPOM20x1.5-6HXBCP	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	37.5
JPOM20x2-6HXBCP	○	M20x2	2.0	58	15x12	6HX	15	20	105	37.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬度、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Fertitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★	☆	★	★		★	☆	

★首选 First choice ☆可选 Good choice

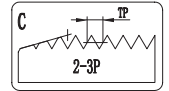
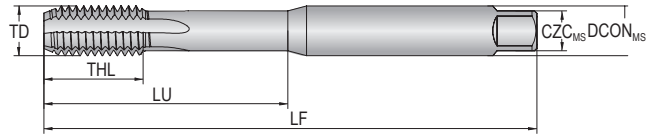
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

JIS 日标高性能丝锥系列 C/2-3P

JIS Standard High-Performance HSSE-PM Tap



型号 Model	库存 Stock	尺寸 Dimension/mm							
		TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
JHTM2-6HXCCP	○	0.4	16	3x2.5	6HX	3	2	40	6
JHTM2.5-6HXCCP	○	0.45	16	3x2.5	6HX	3	2.5	44	6.5
JHTM3-6HXCCP	●	0.5	19	4x3.2	6HX	4	3	46	7.5
JHTM4-6HXCCP	●	0.7	21	5x4	6HX	5	4	52	10.5
JHTM5-6HXCCP	●	0.8	24	5.5x4.5	6HX	5.5	5	60	12
JHTM6-6HXCCP	●	1.0	29	6x4.5	6HX	6	6	62	15
JHTM8-6HXCCP	●	1.25	37	6.2x5	6HX	6.2	8	70	18.8
JHTM10-6HXCCP	●	1.5	41	7x5.5	6HX	7	10	75	22.5
JHTM12-6HXCCP	●	1.75	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM14-6HXCCP	●	2.0	48	10.5x8	6HX	10.5	14	88	30
JHTM16-6HXCCP	●	2.0	52	12.5x10	6HX	12.5	16	95	30
JHTM18-6HXCCP	○	2.5	55	14x11	6HX	14	18	100	37.5
JHTM20-6HXCCP	○	2.5	58	15x12	6HX	15	20	105	37.5
JHTM3x0.35-6HXCCP	○	0.35	19	4x3.2	6HX	4	3	46	7.5
JHTM4x0.5-6HXCCP	○	0.5	21	5x4	6HX	5	4	52	10.5
JHTM5x0.5-6HXCCP	○	0.5	24	5.5x4.5	6HX	5.5	5	60	12
JHTM6x0.5-6HXCCP	○	0.5	29	6x4.5	6HX	6	6	62	15
JHTM6x0.75-6HXCCP	○	0.75	29	6x4.5	6HX	6	6	62	15
JHTM8x0.75-6HXCCP	○	0.75	37	6.2x5	6HX	6.2	8	70	18.8
JHTM8x1-6HXCCP	●	1.0	37	6.2x5	6HX	6.2	8	70	18.8
JHTM10x1-6HXCCP	○	1.0	41	7x5.5	6HX	7	10	75	22.5
JHTM10x1.25-6HXCCP	●	1.25	41	7x5.5	6HX	7	10	75	22.5
JHTM12x1-6HXCCP	○	1.0	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM12x1.25-6HXCCP	●	1.25	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM12x1.5-6HXCCP	●	1.5	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM14x1-6HXCCP	○	1.0	48	10.5x8	6HX	10.5	14	88	30
JHTM14x1.25-6HXCCP	○	1.25	48	10.5x8	6HX	10.5	14	88	30
JHTM14x1.5-6HXCCP	●	1.5	48	10.5x8	6HX	10.5	14	88	30
JHTM16x1-6HXCCP	○	1.0	52	12.5x10	6HX	12.5	16	95	30
JHTM16x1.5-6HXCCP	●	1.5	52	12.5x10	6HX	12.5	16	95	30
JHTM18x1-6HXCCP	○	1.0	55	14x11	6HX	14	18	100	37.5
JHTM18x1.5-6HXCCP	○	1.5	55	14x11	6HX	14	18	100	37.5
JHTM18x2-6HXCCP	○	2.0	55	14x11	6HX	14	18	100	37.5
JHTM20x1-6HXCCP	○	1.0	58	15x12	6HX	15	20	105	37.5
JHTM20x1.5-6HXCCP	○	1.5	58	15x12	6HX	15	20	105	37.5
JHTM20x2-6HXCCP	○	2.0	58	15x12	6HX	15	20	105	37.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬钢、淬硬刚 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★				★	★	★					

★首选 First choice ☆可选 Good choice

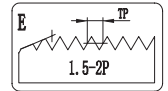
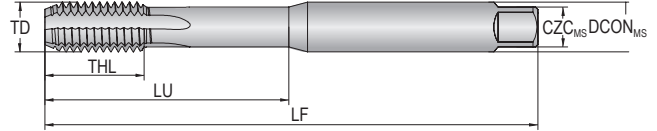
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

直槽 Straight Flute

JIS 日标高性能丝锥系列 E/1.5-2P

JIS Standard High-Performance HSSE-PM Tap



型号 Model 涂层 Coated	库存 Stock	尺寸 Dimension/mm								
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL
JHTM2-6HXECP	○	M2	0.4	16	3x2.5	6HX	3	2	40	6
JHTM2.5-6HXECP	○	M2.5	0.45	16	3x2.5	6HX	3	2.5	44	6.5
JHTM3-6HXECP	●	M3	0.5	19	4x3.2	6HX	4	3	46	7.5
JHTM4-6HXECP	●	M4	0.7	21	5x4	6HX	5	4	52	10.5
JHTM5-6HXECP	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	12
JHTM6-6HXECP	●	M6	1.0	29	6x4.5	6HX	6	6	62	15
JHTM8-6HXECP	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	18.8
JHTM10-6HXECP	●	M10	1.5	41	7x5.5	6HX	7	10	75	22.5
JHTM12-6HXECP	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM14-6HXECP	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	30
JHTM16-6HXECP	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	30
JHTM18-6HXECP	○	M18	2.5	55	14x11	6HX	14	18	100	37.5
JHTM20-6HXECP	○	M20	2.5	58	15x12	6HX	15	20	105	37.5
JHTM3x0.35-6HXECP	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	7.5
JHTM4x0.5-6HXECP	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	10.5
JHTM5x0.5-6HXECP	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	12
JHTM6x0.5-6HXECP	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	15
JHTM6x0.75-6HXECP	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	15
JHTM8x0.75-6HXECP	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	18.8
JHTM8x1-6HXECP	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	18.8
JHTM10x1-6HXECP	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	22.5
JHTM10x1.25-6HXECP	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	22.5
JHTM12x1-6HXECP	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM12x1.25-6HXECP	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM12x1.5-6HXECP	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	26.3
JHTM14x1-6HXECP	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	30
JHTM14x1.25-6HXECP	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	30
JHTM14x1.5-6HXECP	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	30
JHTM16x1-6HXECP	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	30
JHTM16x1.5-6HXECP	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	30
JHTM18x1-6HXECP	○	M18x1	1.0	55	14x11	6HX	14	18	100	37.5
JHTM18x1.5-6HXECP	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	37.5
JHTM18x2-6HXECP	○	M18x2	2.0	55	14x11	6HX	14	18	100	37.5
JHTM20x1-6HXECP	○	M20x1	1.0	58	15x12	6HX	15	20	105	37.5
JHTM20x1.5-6HXECP	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	37.5
JHTM20x2-6HXECP	○	M20x2	2.0	58	15x12	6HX	15	20	105	37.5

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调制钢 Alloy steel Tempered Alloy steel	高硬度钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	★					★	★	★				

★首选 First choice ☆可选 Good choice

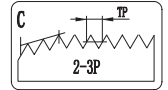
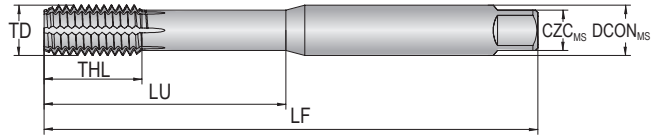
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

JIS 日标通用挤压丝锥系列 C/2-3P

JIS Standard General HSSE Forming Tap



型号 Model	库存 Stock	尺寸 Dimension/mm									
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
JNRM3-6HXCC	●	M3	0.5	19	4x3.2	6HX	4	3	46	5.5	
JNRM4-6HXCC	●	M4	0.7	21	5x4	6HX	5	4	52	7.7	
JNRM5-6HXCC	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6-6HXCC	●	M6	1.0	29	6x4.5	6HX	6	6	62	11	
JNRM8-6HXCC	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10-6HXCC	●	M10	1.5	41	7x5.5	6HX	7	10	75	16.5	
JNRM12-6HXCC	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14-6HXCC	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM16-6HXCC	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM18-6HXCC	○	M18	2.5	55	14x11	6HX	14	18	100	27.5	
JNRM20-6HXCC	○	M20	2.5	58	15x12	6HX	15	20	105	27.5	
JNRM3x0.35-6HXCC	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	5.5	
JNRM4x0.5-6HXCC	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	7.7	
JNRM5x0.5-6HXCC	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6x0.5-6HXCC	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	11	
JNRM6x0.75-6HXCC	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	11	
JNRM8x0.75-6HXCC	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM8x1-6HXCC	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10x1-6HXCC	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	16.5	
JNRM10x1.25-6HXCC	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	16.5	
JNRM12x1-6HXCC	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.25-6HXCC	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.5-6HXCC	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14x1-6HXCC	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.25-6HXCC	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.5-6HXCC	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	22	
JNRM16x1-6HXCC	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM16x1.5-6HXCC	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	22	
JNRM18x1-6HXCC	○	M18x1	1.0	55	14x11	6HX	14	18	100	27.5	
JNRM18x1.5-6HXCC	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	27.5	
JNRM18x2-6HXCC	○	M18x2	2.0	55	14x11	6HX	14	18	100	27.5	
JNRM20x1-6HXCC	○	M20x1	1.0	58	15x12	6HX	15	20	105	27.5	
JNRM20x1.5-6HXCC	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	27.5	
JNRM20x2-6HXCC	○	M20x2	2.0	58	15x12	6HX	15	20	105	27.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel (HB ≤ 252)	合金钢 调质钢 Alloy steel Tempered Alloy steel (HRC ≤ 40)	高碳钢、淬硬刚 High-hardness Hardened steel (40-50HRC)	高碳钢、淬硬刚 High-hardness Hardened steel (50-55HRC)	高碳钢、淬硬刚 High-hardness Hardened steel (> 55HRC)	铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	☆				★		★	★				

★首选 First choice ☆可选 Good choice

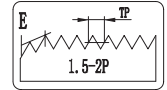
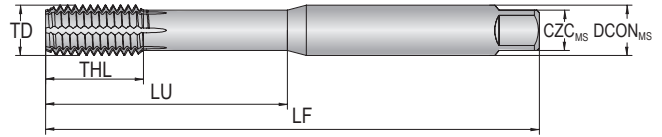
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

JIS 日标通用挤压丝锥系列 E/1.5-2P

JIS Standard General HSSE Forming Tap



型号 Model	库存 Stock	尺寸 Dimension/mm									
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
JNRM3-6HXECH	●	M3	0.5	19	4x3.2	6HX	4	3	46	5.5	
JNRM4-6HXECH	●	M4	0.7	21	5x4	6HX	5	4	52	7.7	
JNRM5-6HXECH	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6-6HXECH	●	M6	1.0	29	6x4.5	6HX	6	6	62	11	
JNRM8-6HXECH	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10-6HXECH	●	M10	1.5	41	7x5.5	6HX	7	10	75	16.5	
JNRM12-6HXECH	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14-6HXECH	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM16-6HXECH	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM18-6HXECH	○	M18	2.5	55	14x11	6HX	14	18	100	27.5	
JNRM20-6HXECH	○	M20	2.5	58	15x12	6HX	15	20	105	27.5	
JNRM3x0.35-6HXECH	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	5.5	
JNRM4x0.5-6HXECH	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	7.7	
JNRM5x0.5-6HXECH	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6x0.5-6HXECH	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	11	
JNRM6x0.75-6HXECH	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	11	
JNRM8x0.75-6HXECH	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM8x1-6HXECH	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10x1-6HXECH	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	16.5	
JNRM10x1.25-6HXECH	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	16.5	
JNRM12x1-6HXECH	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.25-6HXECH	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.5-6HXECH	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14x1-6HXECH	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.25-6HXECH	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.5-6HXECH	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	22	
JNRM16x1-6HXECH	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM16x1.5-6HXECH	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	22	
JNRM18x1-6HXECH	○	M18x1	1.0	55	14x11	6HX	14	18	100	27.5	
JNRM18x1.5-6HXECH	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	27.5	
JNRM18x2-6HXECH	○	M18x2	2.0	55	14x11	6HX	14	18	100	27.5	
JNRM20x1-6HXECH	○	M20x1	1.0	58	15x12	6HX	15	20	105	27.5	
JNRM20x1.5-6HXECH	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	27.5	
JNRM20x2-6HXECH	○	M20x2	2.0	58	15x12	6HX	15	20	105	27.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel	合金钢 调质钢 Alloy steel Tempered Alloy steel	高硬度钢、淬硬钢 High-hardness Hardened steel			铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
	(HB ≤ 252)	(HRC ≤ 40)	(40-50HRC)	(50-55HRC)	(> 55HRC)								
涂层 Coated	★	☆				★		★	★				

★首选 First choice ☆可选 Good choice

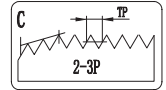
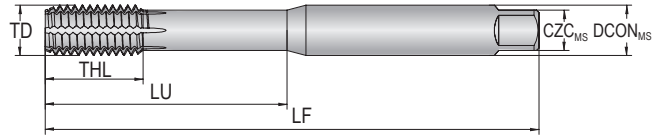
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

JIS 日标高性能挤压丝锥系列 C/2-3P

JIS Standard High-Performance HSSE-PM Forming Tap



型号 Model	库存 Stock	尺寸 Dimension/mm									
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
JNRM2-6HXCCP	○	M2	0.4	16	3x2.5	6HX	3	2	40	4	
JNRM2.5-6HXCCP	○	M2.5	0.45	16	3x2.5	6HX	3	2.5	44	5	
JNRM3-6HXCCP	●	M3	0.5	19	4x3.2	6HX	4	3	46	5.5	
JNRM4-6HXCCP	●	M4	0.7	21	5x4	6HX	5	4	52	7.7	
JNRM5-6HXCCP	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6-6HXCCP	●	M6	1.0	29	6x4.5	6HX	6	6	62	11	
JNRM8-6HXCCP	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10-6HXCCP	●	M10	1.5	41	7x5.5	6HX	7	10	75	16.5	
JNRM12-6HXCCP	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14-6HXCCP	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM16-6HXCCP	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM18-6HXCCP	○	M18	2.5	55	14x11	6HX	14	18	100	27.5	
JNRM20-6HXCCP	○	M20	2.5	58	15x12	6HX	15	20	105	27.5	
JNRM3x0.35-6HXCCP	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	5.5	
JNRM4x0.5-6HXCCP	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	7.7	
JNRM5x0.5-6HXCCP	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6x0.5-6HXCCP	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	11	
JNRM6x0.75-6HXCCP	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	11	
JNRM8x0.75-6HXCCP	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM8x1-6HXCCP	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10x1-6HXCCP	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	16.5	
JNRM10x1.25-6HXCCP	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	16.5	
JNRM12x1-6HXCCP	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.25-6HXCCP	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.5-6HXCCP	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14x1-6HXCCP	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.25-6HXCCP	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.5-6HXCCP	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	22	
JNRM16x1-6HXCCP	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM16x1.5-6HXCCP	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	22	
JNRM18x1-6HXCCP	○	M18x1	1.0	55	14x11	6HX	14	18	100	27.5	
JNRM18x1.5-6HXCCP	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	27.5	
JNRM18x2-6HXCCP	○	M18x2	2.0	55	14x11	6HX	14	18	100	27.5	
JNRM20x1-6HXCCP	○	M20x1	1.0	58	15x12	6HX	15	20	105	27.5	
JNRM20x1.5-6HXCCP	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	27.5	
JNRM20x2-6HXCCP	○	M20x2	2.0	58	15x12	6HX	15	20	105	27.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel (HB ≤ 252)	合金钢 调质钢 Alloy steel Tempered Alloy steel (HRC ≤ 40)	高硬钢、淬硬刚 High-hardness Hardened steel (40-50HRC)	高硬钢、淬硬刚 High-hardness Hardened steel (50-55HRC)	高硬钢、淬硬刚 High-hardness Hardened steel (> 55HRC)	铁素体、马氏体 奥氏体不锈钢 Ferritic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★				★		★	★				

★首选 First choice ☆可选 Good choice

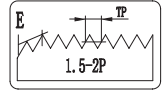
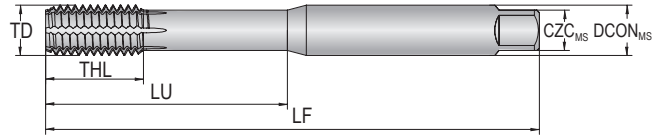
*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

挤压 Forming

JIS 日标高性能挤压丝锥系列 E/1.5-2P

JIS Standard High-Performance HSSE-PM Forming Tap



型号 Model	库存 Stock	尺寸 Dimension/mm									
		TDZ	TP	LU	CZC _{MS}	TCTR	DCON _{MS}	TD	LF	THL	
JNRM2-6HXECP	○	M2	0.4	16	3x2.5	6HX	3	2	40	4	
JNRM2.5-6HXECP	○	M2.5	0.45	16	3x2.5	6HX	3	2.5	44	5	
JNRM3-6HXECP	●	M3	0.5	19	4x3.2	6HX	4	3	46	5.5	
JNRM4-6HXECP	●	M4	0.7	21	5x4	6HX	5	4	52	7.7	
JNRM5-6HXECP	●	M5	0.8	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6-6HXECP	●	M6	1.0	29	6x4.5	6HX	6	6	62	11	
JNRM8-6HXECP	●	M8	1.25	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10-6HXECP	●	M10	1.5	41	7x5.5	6HX	7	10	75	16.5	
JNRM12-6HXECP	●	M12	1.75	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14-6HXECP	●	M14	2.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM16-6HXECP	●	M16	2.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM18-6HXECP	○	M18	2.5	55	14x11	6HX	14	18	100	27.5	
JNRM20-6HXECP	○	M20	2.5	58	15x12	6HX	15	20	105	27.5	
JNRM3x0.35-6HXECP	○	M3x0.35	0.35	19	4x3.2	6HX	4	3	46	5.5	
JNRM4x0.5-6HXECP	○	M4x0.5	0.5	21	5x4	6HX	5	4	52	7.7	
JNRM5x0.5-6HXECP	○	M5x0.5	0.5	24	5.5x4.5	6HX	5.5	5	60	8.8	
JNRM6x0.5-6HXECP	○	M6x0.5	0.5	29	6x4.5	6HX	6	6	62	11	
JNRM6x0.75-6HXECP	○	M6x0.75	0.75	29	6x4.5	6HX	6	6	62	11	
JNRM8x0.75-6HXECP	○	M8x0.75	0.75	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM8x1-6HXECP	●	M8x1	1.0	37	6.2x5	6HX	6.2	8	70	13.5	
JNRM10x1-6HXECP	○	M10x1	1.0	41	7x5.5	6HX	7	10	75	16.5	
JNRM10x1.25-6HXECP	●	M10x1.25	1.25	41	7x5.5	6HX	7	10	75	16.5	
JNRM12x1-6HXECP	○	M12x1	1.0	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.25-6HXECP	●	M12x1.25	1.25	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM12x1.5-6HXECP	●	M12x1.5	1.5	48	8.5x6.5	6HX	8.5	12	82	19.5	
JNRM14x1-6HXECP	○	M14x1	1.0	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.25-6HXECP	○	M14x1.25	1.25	48	10.5x8	6HX	10.5	14	88	22	
JNRM14x1.5-6HXECP	●	M14x1.5	1.5	48	10.5x8	6HX	10.5	14	88	22	
JNRM16x1-6HXECP	○	M16x1	1.0	52	12.5x10	6HX	12.5	16	95	22	
JNRM16x1.5-6HXECP	●	M16x1.5	1.5	52	12.5x10	6HX	12.5	16	95	22	
JNRM18x1-6HXECP	○	M18x1	1.0	55	14x11	6HX	14	18	100	27.5	
JNRM18x1.5-6HXECP	○	M18x1.5	1.5	55	14x11	6HX	14	18	100	27.5	
JNRM18x2-6HXECP	○	M18x2	2.0	55	14x11	6HX	14	18	100	27.5	
JNRM20x1-6HXECP	○	M20x1	1.0	58	15x12	6HX	15	20	105	27.5	
JNRM20x1.5-6HXECP	○	M20x1.5	1.5	58	15x12	6HX	15	20	105	27.5	
JNRM20x2-6HXECP	○	M20x2	2.0	58	15x12	6HX	15	20	105	27.5	

●标准库存 ○订单生产

切削材料推荐

Cutting material recommendation

加工材料 Workpiece material	碳素钢 低合金钢 Carbon steel Low-alloy steel (HB ≤ 252)	合金钢 调制钢 Alloy steel Tempered Alloy steel (HRC ≤ 40)	高硬度、淬硬刚 High-hardness Hardened steel (40-50HRC) (50-55HRC) (> 55HRC)			铁素体、马氏体 奥氏体不锈钢 Femitic, Martensitic, Austenitic	铸铁 Cast iron	铜合金 Copper alloy	铝合金 铸铝 Aluminum alloy	石墨 Graphite	钛合金 Titanium alloy	镍基合金 Nickel-base alloy	塑料 Plastic
涂层 Coated	★	★				★		★	★				

★首选 First choice ☆可选 Good choice

*因各类被加工材料加工性能差异较大,上表只列出适用的大类,如有具体材质,请查阅 C198 做进一步确认。

* For specific material, please refer to C198 for further information.

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