

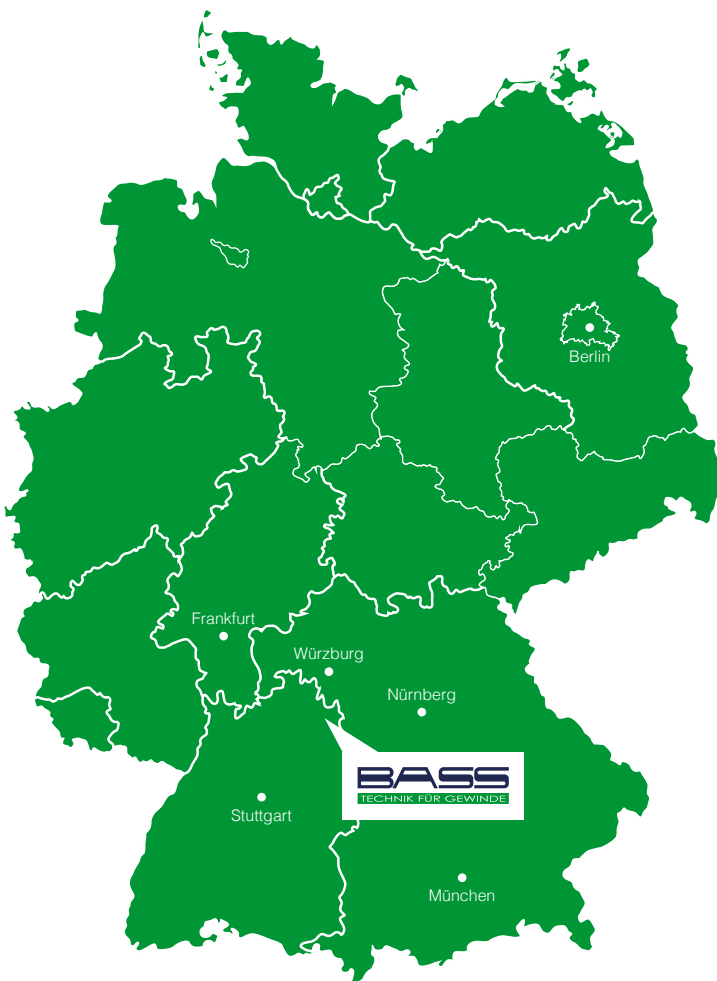
LITELINE

2024

通用丝锥系列

我们有超过75年的经验，专业致力于高品质螺纹加工刀具的研发、制造与销售。

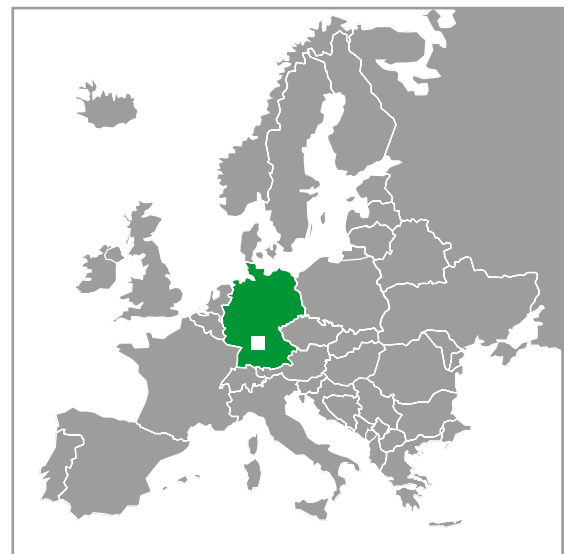
我们的产品方案在全世界范围内深受汽车、航天、工程机械及医疗等不同行业客户的信赖。



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版本号3 | 在我司网站上可以找到相关样本

印刷资料中可能存在错误或变更，我司不承担法律风险。图片仅供参考，均以实物为准。

适用于我司常用的销售、交付与付款条件。

您可以在我司网站上进一步查询细节 www.bass-tools.com/tc

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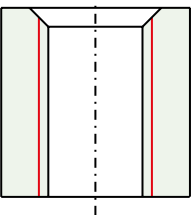
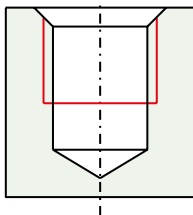
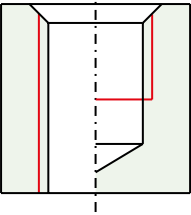
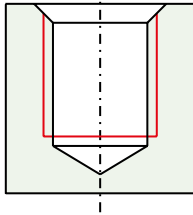
基本信息



LITELINE 系列高品质丝锥，包含各种不同直径、公差和导向锥长度。
在产品索引(右页)您可以找到所有切削丝锥分类，特殊类别为粗体字。

如需询价，请参考我司网站在线商店或咨询当地销售负责

切削丝锥			
	<p>VARIANT®</p> <ul style="list-style-type: none"> » 直槽先端丝锥 » 导向锥 B / 3 - 5.5 牙 » 用于通孔 » 螺纹深度最大 3xD » 前排屑 		<p>DOMINANT®</p> <ul style="list-style-type: none"> » 螺旋丝锥 40° - 45° » 导向锥 C / 2 - 3 牙 » 导向锥 E / 1.5 - 2 牙 » 用于盲孔 » 螺纹深度最大 3xD » 后排屑

缩写注释		
LH = 左旋 	SL = 加长柄	HSSE = 高速钢

底孔类型			
	用于通孔 (导向锥 B)		用于盲孔 (导向锥 C)
	用于通孔或盲孔 (导向锥 C)		用于盲孔 (导向锥 E)

柄部类型			
1	<p>加强柄 (如 DIN 371)</p> 	2	<p>缩径柄 (如 DIN 376)</p> 

产品索引					
孔型	系列	类型	导向锥	公差	页码
M – 公制粗牙螺纹					
通孔	VARIANT LT	TIN	B	4HX	6
通孔	VARIANT LT	TIN	B	6HX	6-7
通孔	VARIANT LT	TIN	B	6GX	6-7
通孔	VARIANT LT	TIN	B	7GX	6-7
通孔	VARIANT LT	TIN	B	6H+0.1	6-7
通孔	VARIANT LT	LH TIN	B	6HX	8
通孔	VARIANT LT	TIN SL	B	6HX	9
盲孔	DOMINANT LT45	TIN	C	4HX	10
盲孔	DOMINANT LT45	TIN	C	6HX	10-11
盲孔	DOMINANT LT45	TIN	C	6GX	10-11
盲孔	DOMINANT LT45	TIN	C	7GX	10-11
盲孔	DOMINANT LT45	TIN	C	6H+0.1	10-11
盲孔	DOMINANT LT45	TIN	E	6HX	12
盲孔	DOMINANT LT45	LH TIN	C	6HX	12
盲孔	DOMINANT LT45	TIN SL	C	6HX	13
MF – 公制细牙螺纹					
通孔	VARIANT LT	TIN	B	6HX	14-15
通孔	VARIANT LT	LH TIN	B	6HX	14-15
通孔	VARIANT LT	TIN SL	B	6HX	16
盲孔	DOMINANT LT45	TIN	C	6HX	18-19
盲孔	DOMINANT LT45	LH TIN	C	6HX	18-19
盲孔	DOMINANT LT45	TIN SL	C	6HX	20
G – 惠氏管螺纹					
通孔	VARIANT LT	TIN	B	–	22
通孔	VARIANT LT	TIN SL	B	–	23
盲孔	DOMINANT LT45	TIN	C	–	24
盲孔	DOMINANT LT45	TIN	E	–	24
盲孔	DOMINANT LT45	TIN SL	C	–	25
UNC – 统一粗牙螺纹					
通孔	VARIANT LT	TIN	B	2BX	26
盲孔	DOMINANT LT45	TIN	C	2BX	27
UNF – 统一细牙螺纹					
通孔	VARIANT LT	TIN	B	2BX	28
盲孔	DOMINANT LT45	TIN	C	2BX	29
EG-M – 公制粗牙嵌套螺纹					
通孔	VARIANT LT	TIN	B	6HX mod	30
盲孔	DOMINANT LT45	TIN	E	6HX mod	31
NPT – 美标锥管螺纹					
通孔或盲孔	DOMINANT LT40	TIN	C	–	32

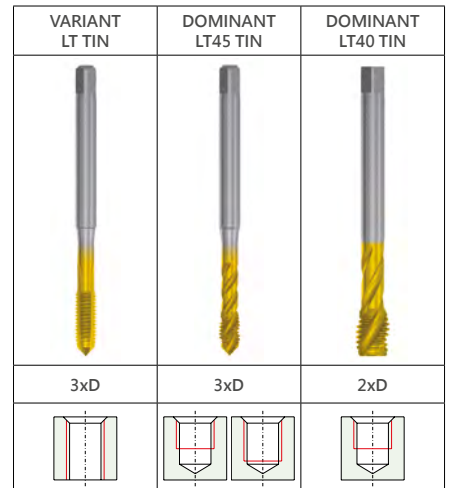
应用技术表

转速

$$n = \frac{v_c \cdot 1000}{\pi \cdot d_1}$$

线速度

$$v_c = \frac{n \cdot \pi \cdot d_1}{1000}$$


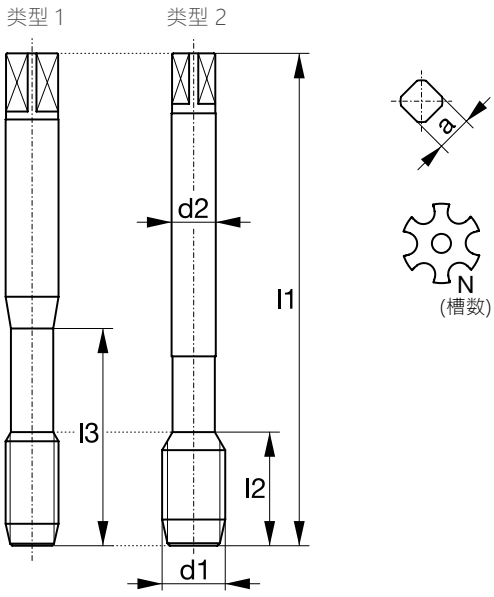










如何查找


1. 选择底孔类型
2. 选择应用材料
3. 找到加工参数 (vc m/min)

	应用范围	材料举例	R _m N/mm ²	HB	HRC	vc m/min (适合 - 非常适合)			
P	钢件材料								
	易切钢	FeP01	> 100 < 450			20 - 30	20 - 30	2 - 8	
	结构钢/渗碳合金钢	En40B	> 300 < 700			20 - 30	20 - 30	2 - 8	
	碳钢	080M46	> 400 < 950			20 - 30	20 - 30	2 - 8	
	合金钢/调制钢	En19A	> 450 < 950			15 - 30	15 - 30		
	合金钢	BD2	> 800 < 1250	> 235 < 370	> 22 < 40	10 - 20	10 - 20		
M	不锈钢材料								
	铁素体/马氏体不锈钢	420S37	> 450 < 1200			6 - 12	6 - 12		
	奥氏体不锈钢	320S18	> 400 < 950			6 - 12	6 - 12		
	耐热不锈钢	301S81	> 850 < 1550	> 250 < 455	> 25 < 48				
K	铸铁材料								
	灰口铸铁	EN-GJL-200	> 150 < 1000	> 100 < 300					
	球墨铸铁	Grade 420/12	> 350 < 1000	> 100 < 350		8 - 20	8 - 20	2 - 8	
	可锻铸铁	EN-GJMB-350-10	> 300 < 700	> 100 < 200		15 - 25	15 - 25	1 - 8	
	蠕墨铸铁	EN-GJV-300	> 700 < 1000	> 200 < 300	> 20 < 32	5 - 15	-		
N	铜合金								
	纯铜	Cu-ETP-2 C 101	> 200 < 400	> 60 < 120		10 - 25	10 - 25		
	黄铜 (短屑)	CZ 120	> 350 < 700	> 100 < 200		15 - 35	-		
	黄铜 (长屑)	CZ 108	> 150 < 700	> 45 < 200		15 - 35	15 - 35	1 - 8	
	铜铝镍合金 (短屑)	CN 102	> 150 < 700	> 45 < 200		10 - 20	10 - 20		
	铜铝镍合金 (长屑)	CA 104	> 500 < 750	> 150 < 220		15 - 25	15 - 25		
	特殊铜合金 ≤ Ampco20	CA 105	> 550 < 650	> 160 < 190					
	特殊铜合金 ≤ Ampco 21	AMPCO 21	> 700 < 1500	> 200 < 440	> 21 < 47				
	铝合金/镁合金								
	锻铝合金 Si ≤ 0,5%	1B	> 100 < 700	> 30 < 200					
	铝合金 Si ≤ 6%	LM22	> 150 < 700	> 45 < 200		15 - 40	15 - 40	1 - 8	
	铝合金 Si > 6%	LM9	> 150 < 900	> 45 < 265		15 - 40	15 - 40	1 - 8	
	锻镁合金	MAG 101	> 150 < 500	> 45 < 150					
	合成材料								
	热塑性塑料 (长屑)	Styreme	> 20 < 80						
	热固性塑料 (短屑)	Toufnell	> 80 < 110						
	纤维强化合成塑料	Carbonfibre	> 800 < 1500	> 235 < 440					
特殊材料									
	钴合金		> 400 < 2000	> 120 < 590					
	钨合金		> 1400 < 1800	> 410 < 530	> 44 < 52				
	TiC复合材料			> 440 < 495	> 47 < 50				
	石墨		> 38 < 60						
S	钛合金								
	纯钛	TA.2	> 300 < 700	> 90 < 200					
	钛合金	TA.10	> 450 < 900	> 135 < 265	> 14 < 27				
	钛合金	TA.10	> 900 < 1250	> 265 < 370	> 27 < 40				
	镍基合金								
	纯镍	BS3072: NA11	> 400 < 600	> 120 < 175					
镍基合金	BS3072: NA13	> 400 < 1200	> 120 < 350	> 12 < 39					
	镍基合金	INCONEL alloy718	> 1200 < 1550	> 350 < 455	> 39 < 48				
H	硬材料								
	合金钢	En19A	> 1100 < 1400	> 325 < 410	> 34 < 45				
	合金钢	251A58	> 1200 < 1550	> 350 < 455	> 39 < 48				
	淬硬钢	708A30	> 1600 < 2000	> 470 < 590	> 48 < 56				
	淬硬钢	BA2			> 56 < 63				


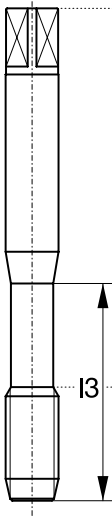
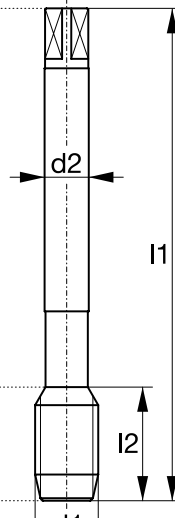
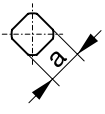

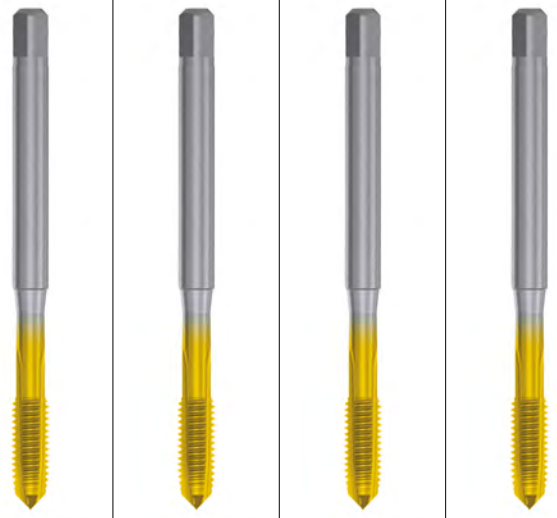




切削丝锥 用于通孔

M	ISO 公制粗牙螺纹 DIN 13		系列	VARIANT LT	VARIANT LT	VARIANT LT	VARIANT LT
			类型	TIN	TIN	TIN	TIN
			材质	HSSE	HSSE	HSSE	HSSE
<p>类型 1 类型 2</p> 							
			导向锥	B / 3-5.5	B / 3-5.5	B / 3-5.5	B / 3-5.5
			螺纹公差	6HX	6GX	7GX	6H+0.1
			柄部公差	h9	h9	h9	h9
			螺纹深度	3xD	3xD	3xD	3xD
<p>基本尺寸 DIN 371 / DIN 376</p>			孔型				
			P	10 - 30	10 - 30	10 - 30	10 - 30
			M	6 - 12	6 - 12	6 - 12	6 - 12
			K	5 - 25	5 - 25	5 - 25	5 - 25
			N	10 - 40	10 - 40	10 - 40	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
M 1	0.25	40	5	-	2.5	2.1	2	1	0.75	780000*
M 1.1	0.25	40	5	-	2.5	2.1	2	1	0.85	780001*
M 1.2	0.25	40	5	-	2.5	2.1	2	1	0.95	780002*
M 1.4	0.3	40	7	-	2.5	2.1	2	1	1.1	780003
M 1.6	0.35	40	8	-	2.5	2.1	2	1	1.25	780004
M 1.7	0.35	40	8	-	2.5	2.1	2	1	1.3	780005
M 1.8	0.35	40	8	-	2.5	2.1	2	1	1.45	780006
M 2	0.4	45	8	-	2.8	2.1	2	1	1.6	780007 780036 780048
M 2.2	0.45	45	9	-	2.8	2.1	2	1	1.75	780008
M 2.3	0.4	45	9	-	2.8	2.1	2	1	1.9	780009
M 2.5	0.45	50	9	-	2.8	2.1	2	1	2.05	780010
M 2.6	0.45	50	9	-	2.8	2.1	2	1	2.1	780011
M 3	0.5	56	11	18	3.5	2.7	3	1	2.5	780012 780037 780049 780057**
M 3	0.5	56	11	-	2.2	-	3	2	2.5	780030
M 3.5	0.6	56	12	20	4	3	3	1	2.9	780013
M 4	0.7	63	13	21	4.5	3.4	3	1	3.3	780014 780038 780050 780058**
M 4	0.7	63	13	-	2.8	2.1	3	2	3.3	780031
M 4.5	0.75	70	16	25	6	4.9	3	1	3.7	780015
M 5	0.8	70	16	25	6	4.9	3	1	4.2	780016 780039 780051 780059**
M 5	0.8	70	16	-	3.5	2.7	3	2	4.2	780032

切削丝锥 用于通孔

M	ISO 公制粗牙螺纹 DIN 13		系列	VARIANT LT	VARIANT LT	VARIANT LT	VARIANT LT
			类型	TIN	TIN	TIN	TIN
			材质	HSSE	HSSE	HSSE	HSSE
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>类型 1</p>  </div> <div style="text-align: center;"> <p>类型 2</p>  </div> </div> <div style="margin-top: 20px; text-align: center;">  <p>a</p>  <p>N (槽数)</p> </div>							
			导向锥	B / 3-5.5	B / 3-5.5	B / 3-5.5	B / 3-5.5
			螺纹公差	6HX	6GX	7GX	6H+0.1
			柄部公差	h9	h9	h9	h9
			螺纹深度	3xD	3xD	3xD	3xD
<p>基本尺寸 DIN 371 / DIN 376</p>			孔型				
			P	10 - 30	10 - 30	10 - 30	10 - 30
			M	6 - 12	6 - 12	6 - 12	6 - 12
			K	5 - 25	5 - 25	5 - 25	5 - 25
			N	10 - 40	10 - 40	10 - 40	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

$\varnothing d_1$	P	l_1	l_2	l_3	$\varnothing d_2$	a	N	类型		型号			
M 6	1	80	19	30	6	4.9	3	1	5	780017	780040	780052	780060**
M 6	1	80	19	-	4.5	3.4	3	2	5	780033			
M 7	1	80	19	30	7	5.5	3	1	6	780018			
M 8	1.25	90	22	35	8	6.2	3	1	6.8	780019	780041	780053	780061**
M 8	1.25	90	22	-	6	4.9	3	2	6.8	780034			
M 10	1.5	100	24	39	10	8	3	1	8.5	780020	780042	780054	780062**
M 10	1.5	100	24	-	7	5.5	3	2	8.5	780035			
M 12	1.75	110	28	-	9	7	3	2	10.2	780021	780043	780055	780063**
M 14	2	110	30	-	11	9	3	2	12	780022	780044		
M 16	2	110	32	-	12	9	3	2	14	780023	780045	780056	780064**
M 18	2.5	125	34	-	14	11	3	2	15.5	780024			
M 20	2.5	140	34	-	16	12	3	2	17.5	780025	780046		
M 22	2.5	140	34	-	18	14.5	3	2	19.5	780026			
M 24	3	160	38	-	18	14.5	3	2	21	780027	780047		
M 27	3	160	38	-	20	16	4	2	24	780028			
M 30	3.5	180	45	-	22	18	4	2	26.5	780029			

切削丝锥 用于通孔

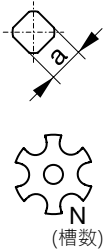
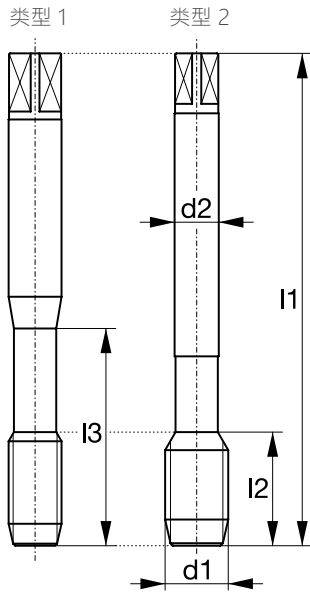
M

ISO 公制粗牙螺纹
DIN 13



系列
类型
材质

VARIANT
LT
LH TIN
HSSE



导向锥 B / 3-5.5
螺纹公差 6HX
柄部公差 h9
螺纹深度 3xD

基本尺寸
DIN 371 / DIN 376

孔型



P 10 - 30
M 6 - 12
K 5 - 25
N 10 - 40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
M 3	0.5	56	11	18	3.5	2.7	3	1	2.5	780080
M 4	0.7	63	13	21	4.5	3.4	3	1	3.3	780081
M 5	0.8	70	16	25	6	4.9	3	1	4.2	780082
M 6	1	80	19	30	6	4.9	3	1	5	780083
M 8	1.25	90	22	35	8	6.2	3	1	6.8	780084
M 10	1.5	100	24	39	10	8	3	1	8.5	780085
M 12	1.75	110	28	-	9	7	3	2	10.2	780086
M 14	2	110	30	-	11	9	3	2	12	780087
M 16	2	110	32	-	12	9	3	2	14	780088
M 20	2.5	140	34	-	16	12	3	2	17.5	780089
M 24	3	160	38	-	18	14.5	3	2	21	780090

切削丝锥 用于通孔

M

ISO 公制粗牙螺纹
DIN 13



系列

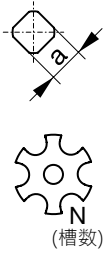
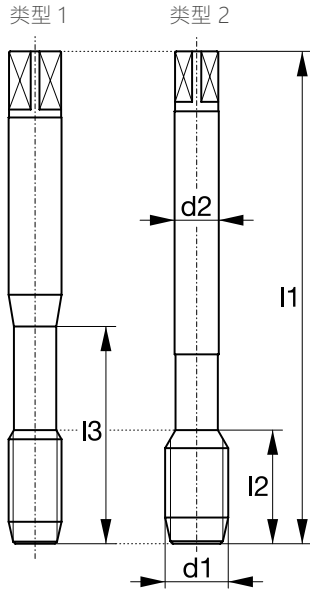
类型

材质

VARIANT
LT

TIN SL

HSSE



导向锥

B / 3-5.5

螺纹公差

6HX

柄部公差

h9

螺纹深度

3xD

孔型



基本尺寸


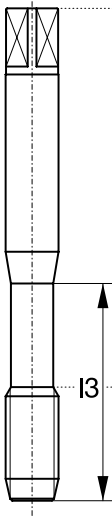
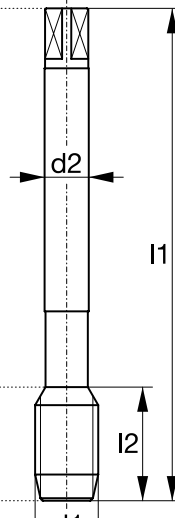
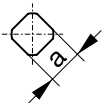

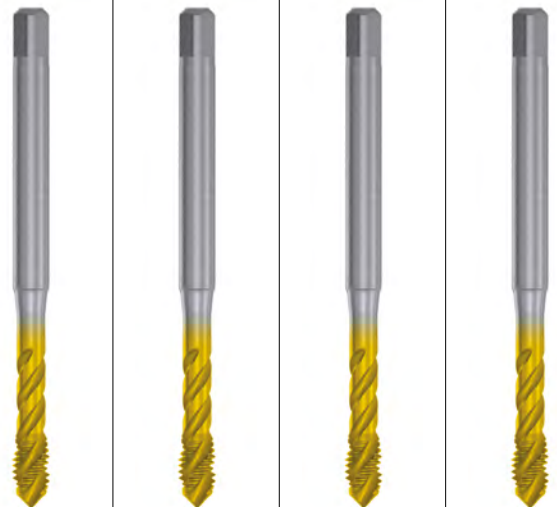




~ DIN 371/ ~ DIN 376

i 具体加工参数请参考应用第4页的应用技术表


P	10 - 30			
M	6 - 12			
K	5 - 25			
N	10 - 40			

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
M 3	0.5	100	11	20	3.5	2.7	3	1	2.5	780065
M 4	0.7	125	13	27	4.5	3.4	3	1	3.3	780066
M 4	0.7	125	13	-	2.8	2.1	3	2	3.3	780075
M 5	0.8	160	16	33	6	4.9	3	1	4.2	780067
M 5	0.8	160	16	-	3.5	2.7	3	2	4.2	780076
M 6	1	160	19	40	6	4.9	3	1	5	780068
M 6	1	160	19	-	4.5	3.4	3	2	5	780077
M 8	1.25	180	22	52	8	6.2	3	1	6.8	780069
M 8	1.25	180	22	-	6	4.9	3	2	6.8	780078
M 10	1.5	200	24	65	10	8	3	1	8.5	780070
M 10	1.5	200	24	-	7	5.5	3	2	8.5	780079
M 12	1.75	200	28	-	9	7	3	2	10.2	780071
M 14	2	200	30	-	11	9	3	2	12	780072
M 16	2	200	32	-	12	9	3	2	14	780073
M 20	2.5	200	34	-	16	12	3	2	17.5	780074


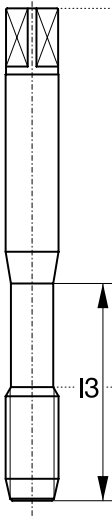
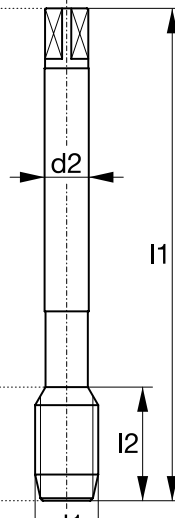
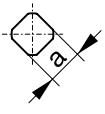

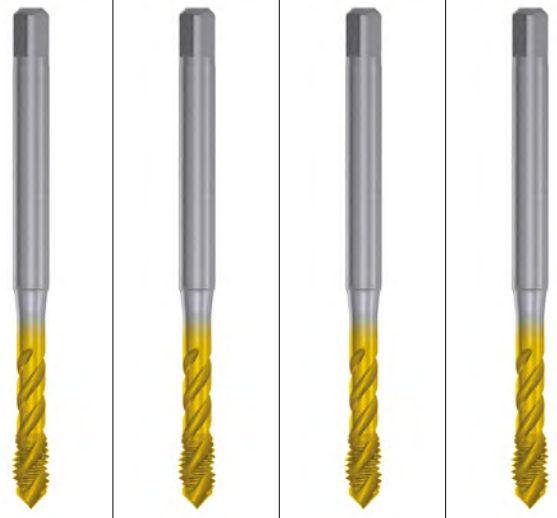




切削丝锥 用于盲孔

M	ISO 公制粗牙螺纹 DIN 13		系列	DOMINANT LT45	DOMINANT LT45	DOMINANT LT45	DOMINANT LT45
			类型	TIN	TIN	TIN	TIN
			材质	HSSE	HSSE	HSSE	HSSE
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>类型 1</p>  </div> <div style="text-align: center;"> <p>类型 2</p>  </div> </div> <div style="margin-top: 10px; text-align: center;">   <p>(槽数)</p> </div>							
			导向锥	C / 2-3	C / 2-3	C / 2-3	C / 2-3
			螺纹公差	6HX	6GX	7GX	6H+0.1
			柄部公差	h9	h9	h9	h9
			螺纹深度	3xD	3xD	3xD	3xD
<p>基本尺寸 DIN 371 / DIN 376</p>			孔型				
			P	10 - 30	10 - 30	10 - 30	10 - 30
			M	6 - 12	6 - 12	6 - 12	6 - 12
			K	8 - 25	8 - 25	8 - 25	8 - 25
			N	10 - 40	10 - 40	10 - 40	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

$\varnothing d_1$	P	l_1	l_2	l_3	$\varnothing d_2$	a	N			identification number			
M 1	0.25	40	5	-	2.5	2.1	2	1	0.75	780091*			
M 1.1	0.25	40	5	-	2.5	2.1	2	1	0.85	780092*			
M 1.2	0.25	40	5	-	2.5	2.1	2	1	0.95	780093*			
M 1.4	0.3	40	6	-	2.5	2.1	2	1	1.1	780094			
M 1.6	0.35	40	7	-	2.5	2.1	2	1	1.25	780095			
M 1.7	0.35	40	8	-	2.5	2.1	2	1	1.3	780096			
M 1.8	0.35	40	8	-	2.5	2.1	2	1	1.45	780097			
M 2	0.4	45	3.2	10	2.8	2.1	2	1	1.6	780098	780139	780151	
M 2.2	0.45	45	3.6	11	2.8	2.1	2	1	1.75	780099			
M 2.3	0.4	45	3.6	12	2.8	2.1	2	1	1.9	780100			
M 2.5	0.45	50	3.6	13	2.8	2.1	2	1	2.05	780101			
M 2.6	0.45	50	3.6	13	2.8	2.1	2	1	2.1	780102			
M 3	0.5	56	4	18	3.5	2.7	3	1	2.5	780103	780140	780152	780160**
M 3	0.5	56	4	-	2.2	-	3	2	2.5	780121			
M 3.5	0.6	56	4.8	20	4	3	3	1	2.9	780104			
M 4	0.7	63	5.6	21	4.5	3.4	3	1	3.3	780105	780141	780153	780161**
M 4	0.7	63	5.6	-	2.8	2.1	3	2	3.3	780122			
M 4.5	0.75	70	6	25	6	4.9	3	1	3.7	780106			
M 5	0.8	70	6.4	25	6	4.9	3	1	4.2	780107	780142	780154	780162**
M 5	0.8	70	6.4	-	3.5	2.7	3	2	4.2	780123			


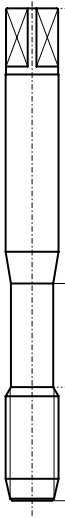
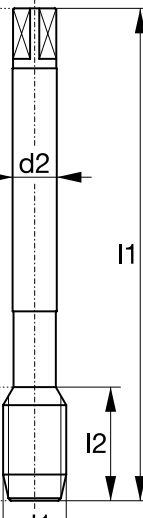
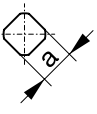





切削丝锥 用于盲孔

M	ISO 公制粗牙螺纹 DIN 13		系列	DOMINANT LT45	DOMINANT LT45	DOMINANT LT45	DOMINANT LT45
			类型	TIN	TIN	TIN	TIN
			材质	HSSE	HSSE	HSSE	HSSE
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>类型 1</p>  </div> <div style="text-align: center;"> <p>类型 2</p>  </div> </div> <div style="margin-top: 10px;">   <p style="text-align: center;">(槽数)</p> </div>							
			导向锥	C / 2-3	C / 2-3	C / 2-3	C / 2-3
			螺纹公差	6HX	6GX	7GX	6H+0.1
			柄部公差	h9	h9	h9	h9
			螺纹深度	3xD	3xD	3xD	3xD
<p>基本尺寸 DIN 371 / DIN 376</p>			孔型				
			P	10 - 30	10 - 30	10 - 30	10 - 30
			M	6 - 12	6 - 12	6 - 12	6 - 12
			K	8 - 25	8 - 25	8 - 25	8 - 25
			N	10 - 40	10 - 40	10 - 40	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号			
M 6	1	80	8	30	6	4.9	3	1	5	780108	780143	780155	780163**
M 6	1	80	8	-	4.5	3.4	3	2	5	780124			
M 7	1	80	8	30	7	5.5	3	1	6	780109			
M 8	1.25	90	10	35	8	6.2	3	1	6.8	780110	780144	780156	780164**
M 8	1.25	90	10	-	6	4.9	3	2	6.8	780125			
M 10	1.5	100	12	39	10	8	3	1	8.5	780111	780145	780157	780165**
M 10	1.5	100	12	-	7	5.5	3	2	8.5	780126			
M 12	1.75	110	14	-	9	7	3	2	10.2	780112	780146	780158	780166**
M 14	2	110	16	-	11	9	3	2	12	780113	780147		
M 16	2	110	16	-	12	9	3	2	14	780114	780148	780159	780167**
M 18	2.5	125	25	-	14	11	4	2	15.5	780115			
M 20	2.5	140	25	-	16	12	4	2	17.5	780116	780149		
M 22	2.5	140	25	-	18	14.5	4	2	19.5	780117			
M 24	3	160	30	-	18	14.5	4	2	21	780118	780150		
M 27	3	160	36	-	20	16	4	2	24	780119			
M 30	3.5	180	42	-	22	18	4	2	26.5	780120			

切削丝锥 用于盲孔


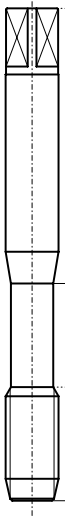
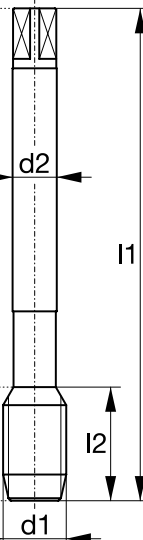
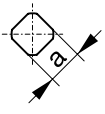



M	ISO 公制粗牙螺纹 DIN 13		系列	DOMINANT LT45	DOMINANT LT45		
			类型	TIN	LH TIN		
			材质	HSSE	HSSE		
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>类型 1</p>  </div> <div style="text-align: center;"> <p>类型 2</p>  </div> </div> <div style="margin-top: 10px;">   <p style="text-align: center;">(槽数)</p> </div>			 				
导向锥	E / 1.5-2	C / 2-3					
螺纹公差	6HX	6HX					
柄部公差	h9	h9					
螺纹深度	3xD	3xD					
孔型							
P	10 - 30	10 - 30					
M	6 - 12	6 - 12					
K	8 - 25	8 - 25					
N	10 - 40	10 - 40					

基本尺寸
DIN 371 / DIN 376

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
M 2	0.4	45	3.2	10	2.8	2.1	2	1	1.6	780127
M 3	0.5	56	4	18	3.5	2.7	3	1	2.5	780128 780183
M 4	0.7	63	5.6	21	4.5	3.4	3	1	3.3	780129 780184
M 5	0.8	70	6.4	25	6	4.9	3	1	4.2	780130 780185
M 6	1	80	8	30	6	4.9	3	1	5	780131 780186
M 8	1.25	90	10	35	8	6.2	3	1	6.8	780132 780187
M 10	1.5	100	12	39	10	8	3	1	8.5	780133 780188
M 12	1.75	110	14	-	9	7	3	2	10.2	780134 780189
M 14	2	110	16	-	11	9	3	2	12	780135 780190
M 16	2	110	16	-	12	9	3	2	14	780136 780191
M 20	2.5	140	25	-	16	12	4	2	17.5	780137 780192
M 24	3	160	30	-	18	14.5	4	2	21	780138 780193


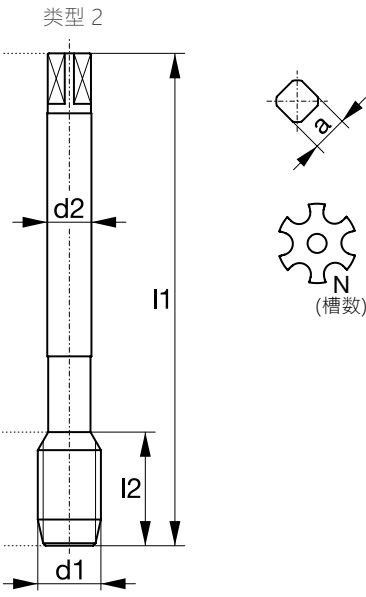




切削丝锥 用于盲孔

M	ISO 公制粗牙螺纹 DIN 13				系列	DOMINANT LT45			
					类型	TIN SL			
					材质	HSSE			
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>类型 1</p>  </div> <div style="text-align: center;"> <p>类型 2</p>  </div> </div> <div style="margin-top: 20px; text-align: center;">   <p>(槽数)</p> </div>									
					导向锥	C / 2-3			
					螺纹公差	6HX			
					柄部公差	h9			
					螺纹深度	3xD			
<p>基本尺寸 ~ DIN 371 / ~ DIN 376</p>					孔型				
					P	10 - 30			
					M	6 - 12			
					K	8 - 25			
					N	10 - 40			

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
M 3	0.5	100	4	18	3.5	2.7	3	1	2.5	780168
M 4	0.7	125	5.6	21	4.5	3.4	3	1	3.3	780169
M 4	0.7	125	5.6	-	2.8	2.1	3	2	3.3	780178
M 5	0.8	160	6.4	25	6	4.9	3	1	4.2	780170
M 5	0.8	160	6.4	-	3.5	2.7	3	2	4.2	780179
M 6	1	160	8	30	6	4.9	3	1	5	780171
M 6	1	160	8	-	4.5	3.4	3	2	5	780180
M 8	1.25	180	10	35	8	6.2	3	1	6.8	780172
M 8	1.25	180	10	-	6	4.9	3	2	6.8	780181
M 10	1.5	200	12	39	10	8	3	1	8.5	780173
M 10	1.5	200	12	-	7	5.5	3	2	8.5	780182
M 12	1.75	200	14	-	9	7	3	2	10.2	780174
M 14	2	200	16	-	11	9	3	2	12	780175
M 16	2	200	16	-	12	9	3	2	14	780176
M 20	2.5	200	25	-	16	12	4	2	17.5	780177

切削丝锥 用于通孔

MF	ISO 公制细牙螺纹 DIN 13		系列	VARIANT LT	VARIANT LT		
			类型	TIN	LH TIN		
			材质	HSSE	HSSE		
<p>类型 2</p> 							
			导向锥	B / 3-5.5	B / 3-5.5		
			螺纹公差	6HX	6HX		
			柄部公差	h9	h9		
			螺纹深度	3xD	3xD		
<p>基本尺寸 DIN 374</p>			孔型				
			P	10 - 30	10 - 30		
			M	6 - 12	6 - 12		
			K	5 - 25	5 - 25		
			N	10 - 40	10 - 40		

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号	
MF 2.5	0.35	50	9	-	1.8	-	2	2	2.15	780194	
MF 2.6	0.35	50	9	-	1.8	-	2	2	2.25	780195	
MF 3	0.35	56	8	-	2.2	-	3	2	2.65	780196	
MF 3.5	0.35	56	9	-	2.5	2.1	3	2	3.15	780197	
MF 4	0.35	63	10	-	2.8	2.1	3	2	3.65	780198	
MF 4	0.5	63	10	-	2.8	2.1	3	2	3.5	780199	
MF 4.5	0.5	70	12	-	3.5	2.7	3	2	4	780200	
MF 5	0.5	70	16	-	3.5	2.7	3	2	4.5	780201	
MF 6	0.5	80	14	-	4.5	3.4	3	2	5.5	780202	
MF 6	0.75	80	14	-	4.5	3.4	3	2	5.2	780203	
MF 6.5	0.75	80	14	-	5.5	4.3	3	2	5.75	780204	
MF 7	0.5	80	14	-	5.5	4.3	3	2	6.5	780205	
MF 8	0.75	80	22	-	6	4.9	3	2	7.2	780206	
MF 8	1	90	22	-	6	4.9	3	2	7	780207	780235
MF 9	1	90	22	-	7	5.5	3	2	8	780208	
MF 10	0.75	90	20	-	7	5.5	3	2	9.2	780209	
MF 10	1	90	20	-	7	5.5	3	2	9	780210	780236
MF 10	1.25	100	24	-	7	5.5	3	2	8.8	780211	780237
MF 11	1	90	20	-	8	6.2	3	2	10	780212	

切削丝锥 用于通孔

MF

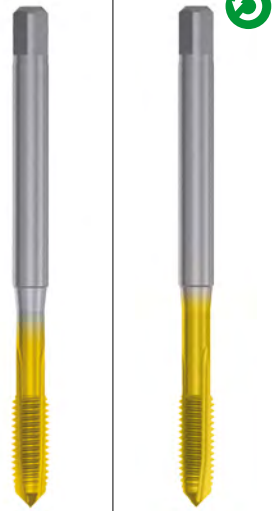
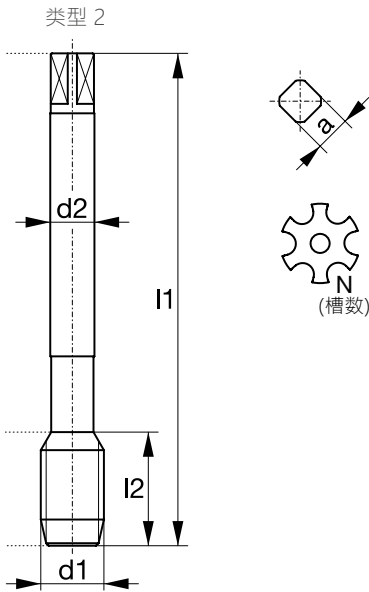
ISO 公制细牙螺纹
DIN 13



系列
类型
材质

VARIANT
LT
TIN
HSSE

VARIANT
LT
LH TIN
HSSE



导向锥
螺纹公差
柄部公差
螺纹深度

B / 3-5.5
6HX
h9
3xD

基本尺寸
DIN 374

孔型



P	10 - 30	10 - 30
M	6 - 12	6 - 12
K	5 - 25	5 - 25
N	10 - 40	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号	
MF 12	0.5	100	22	-	9	7	3	2	11.5	780213	
MF 12	0.75	100	22	-	9	7	3	2	11.2	780214	
MF 12	1	100	22	-	9	7	3	2	11	780215	
MF 12	1.25	100	22	-	9	7	3	2	10.8	780216	780238
MF 12	1.5	100	22	-	9	7	3	2	10.5	780217	780239
MF 13	1	100	22	-	11	9	3	2	12	780218	
MF 14	1.5	100	22	-	11	9	3	2	12.5	780219	
MF 16	1.5	100	22	-	12	9	3	2	14.5	780220	780240
MF 18	1	110	25	-	14	11	3	2	17	780221	
MF 18	1.5	110	25	-	14	11	3	2	16.5	780222	
MF 20	1.5	125	25	-	16	12	3	2	18.5	780223	780241
MF 22	1.5	125	25	-	18	14.5	3	2	20.5	780224	
MF 24	1.5	140	28	-	18	14.5	3	2	22.5	780225	780242
MF 26	1.5	140	28	-	18	14.5	4	2	24.5	780226	
MF 30	1.5	150	28	-	22	18	4	2	28.5	780227	

切削丝锥 用于通孔

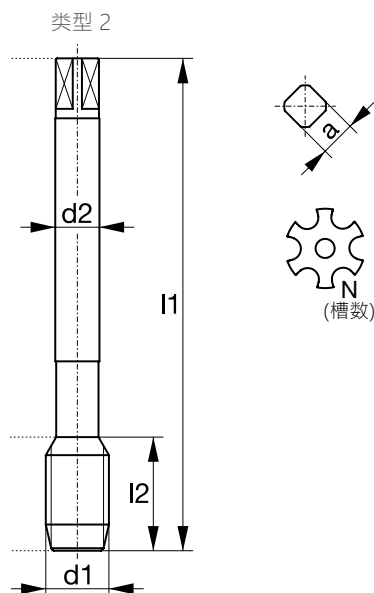
MF

ISO 公制细牙螺纹
DIN 13



系列
类型
材质

VARIANT
LT
TIN SL
HSSE



导向锥 B / 3-5.5
螺纹公差 6HX
柄部公差 h9
螺纹深度 3xD

基本尺寸
~ DIN 374

孔型




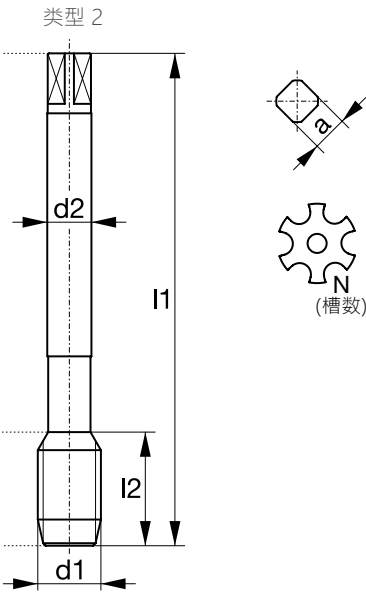




P 10-30
M 6-12
K 5-25
N 10-40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
MF 8	1	180	22	-	6	4.9	3	2	7	780228
MF 10	1	180	20	-	7	5.5	3	2	9	780229
MF 10	1.25	200	24	-	7	5.5	3	2	8.8	780230
MF 12	1.25	200	22	-	9	7	3	2	10.8	780231
MF 12	1.5	200	22	-	9	7	3	2	10.5	780232
MF 16	1.5	200	22	-	12	9	3	2	14.5	780233
MF 20	1.5	250	25	-	16	12	3	2	18.5	780234

Grid of dotted lines for notes.

切削丝锥 用于盲孔

MF	ISO 公制细牙螺纹 DIN 13		系列	DOMINANT LT45	DOMINANT LT45		
			类型	TIN	LH TIN		
			材质	HSSE	HSSE		
<p>类型 2</p> 							
			导向锥	C / 2-3	C / 2-3		
			螺纹公差	6HX	6HX		
			柄部公差	h9	h9		
			螺纹深度	3xD	3xD		
<p>基本尺寸 DIN 374</p>			孔型				
			P	10 - 30	10 - 30		
			M	6 - 12	6 - 12		
			K	8 - 25	8 - 25		
			N	10 - 40	10 - 40		

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号	
MF 2.5	0.35	50	9	-	1.8	-	2	2	2.15	780243	
MF 2.6	0.35	50	9	-	1.8	-	2	2	2.25	780244	
MF 3	0.35	56	4	-	2.2	-	3	2	2.65	780245	
MF 3.5	0.35	56	4.8	-	2.5	2.1	3	2	3.15	780246	
MF 4	0.35	63	5.6	-	2.8	2.1	3	2	3.65	780247	
MF 4	0.5	63	5.6	-	2.8	2.1	3	2	3.5	780248	
MF 4.5	0.5	70	6	-	3.5	2.7	3	2	4	780249	
MF 5	0.5	70	6.4	-	3.5	2.7	3	2	4.5	780250	
MF 6	0.5	80	8	-	4.5	3.4	3	2	5.5	780251	
MF 6	0.75	80	8	-	4.5	3.4	3	2	5.25	780252	
MF 6.5	0.75	80	8	-	5.5	4.3	3	2	5.75	780253	
MF 7	0.5	80	8	-	5.5	4.3	3	2	6.5	780254	
MF 8	0.75	80	8	-	6	4.9	3	2	7.25	780255	
MF 8	1	90	10	-	6	4.9	3	2	7	780256	780284
MF 9	1	90	10	-	7	5.5	3	2	8	780257	
MF 10	0.75	90	10	-	7	5.5	3	2	9.25	780258	
MF 10	1	90	10	-	7	5.5	3	2	9	780259	780285
MF 10	1.25	100	12	-	7	5.5	3	2	8.75	780260	780286
MF 11	1	90	12	-	8	6.2	3	2	10	780261	

切削丝锥 用于盲孔

MF

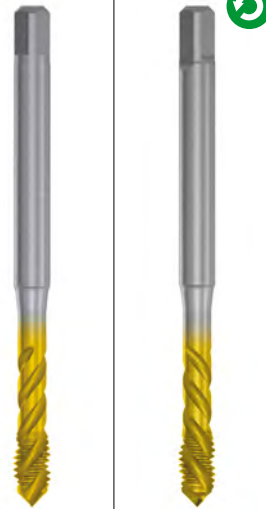
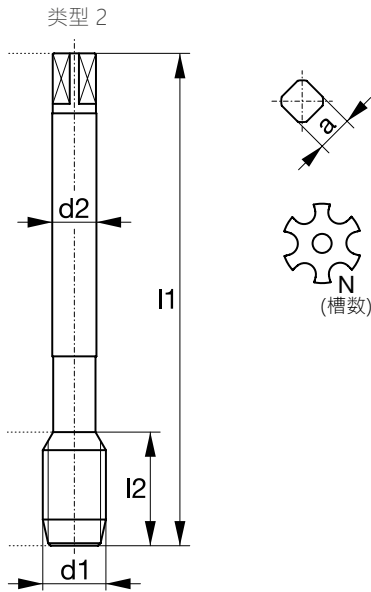
ISO 公制细牙螺纹
DIN 13



系列
类型
材质

**DOMINANT
LT45
TIN
HSSE**

**DOMINANT
LT45
LH TIN
HSSE**



导向锥
螺纹公差
柄部公差
螺纹深度

C / 2-3
6HX
h9
3xD

基本尺寸
DIN 374

孔型


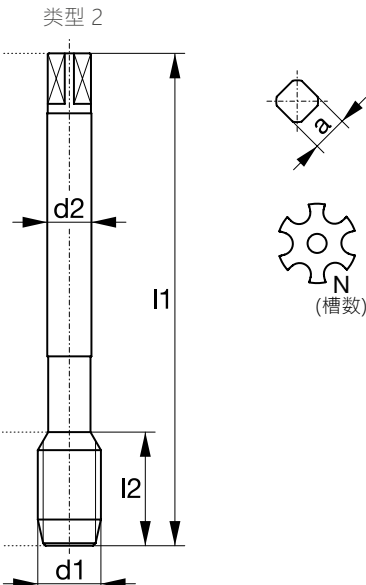




P	10 - 30	10 - 30
M	6 - 12	6 - 12
K	8 - 25	8 - 25
N	10 - 40	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号	
MF 12	0.5	100	8	-	9	7	3	2	11.5	780262	
MF 12	0.75	100	10	-	9	7	3	2	11.25	780263	
MF 12	1	100	12	-	9	7	3	2	11	780264	
MF 12	1.25	100	12	-	9	7	3	2	10.75	780265	780287
MF 12	1.5	100	14	-	9	7	3	2	10.5	780266	780288
MF 13	1	100	12	-	11	9	3	2	12	780267	
MF 14	1.5	100	16	-	11	9	3	2	12.5	780268	
MF 16	1.5	100	16	-	12	9	3	2	14.5	780269	780289
MF 18	1	110	16	-	14	11	4	2	17	780270	
MF 18	1.5	110	16	-	14	11	4	2	16.5	780271	
MF 20	1.5	125	16	-	16	12	4	2	18.5	780272	780290
MF 22	1.5	125	16	-	18	14.5	4	2	20.5	780273	
MF 24	1.5	140	16	-	18	14.5	4	2	22.5	780274	780291
MF 26	1.5	140	24	-	18	14.5	4	2	24.5	780275	
MF 30	1.5	150	36	-	22	18	4	2	28.5	780276	

切削丝锥 用于盲孔

MF	ISO 公制细牙螺纹 DIN 13				系列	DOMINANT LT45			
					类型	TIN SL			
					材质	HSSE			
<p>类型 2</p> 									
					导向锥	C / 2-3			
					螺纹公差	6HX			
					柄部公差	h9			
					螺纹深度	3xD			
<p>基本尺寸 ~ DIN 374</p>					孔型				
					P	10 - 30			
					M	6 - 12			
					K	8 - 25			
					N	10 - 40			

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
MF 8	1	180	10	-	6	4.9	3	2	7	780277
MF 10	1	180	10	-	7	5.5	3	2	9	780278
MF 10	1.25	200	12	-	7	5.5	3	2	8.75	780279
MF 12	1.25	200	12	-	9	7	3	2	10.75	780280
MF 12	1.5	200	14	-	9	7	3	2	10.5	780281
MF 16	1.5	200	16	-	12	9	3	2	14.5	780282
MF 20	1.5	250	16	-	16	12	4	2	18.5	780283

切削丝锥 用于通孔

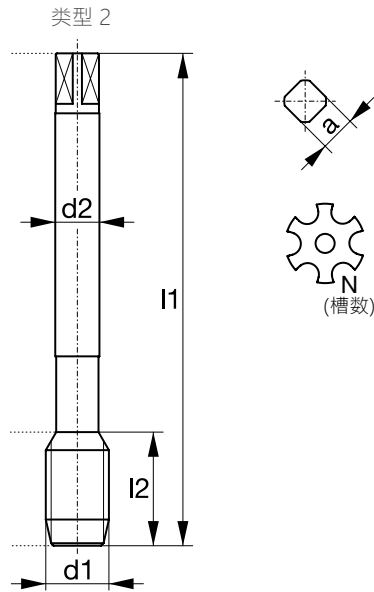
G

惠氏管螺纹
DIN EN ISO 228



系列
类型
材质

VARIANT
LT
TIN
HSSE



导向锥	B / 3-5.5
螺纹公差	-
柄部公差	h9
螺纹深度	3xD

基本尺寸
DIN 5156

孔型



P	10 - 30
M	6 - 12
K	5 - 25
N	10 - 40

10 - 30
6 - 12
5 - 25
10 - 40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
G 1/16"	28	90	20	-	6	4.9	3	2	6.8	780314
G 1/8"	28	90	20	-	7	5.5	3	2	8.8	780315
G 1/4"	19	100	22	-	11	9	3	2	11.8	780316
G 3/8"	19	100	22	-	12	9	3	2	15.25	780317
G 1/2"	14	125	25	-	16	12	3	2	19	780318
G 5/8"	14	125	25	-	18	14.5	3	2	21	780319
G 3/4"	14	140	28	-	20	16	4	2	24.5	780320
G 1"	11	160	30	-	25	20	4	2	30.75	780321

切削丝锥 用于通孔

G

惠氏管螺纹
DIN EN ISO 228



系列

VARIANT

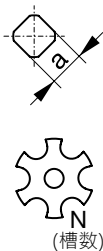
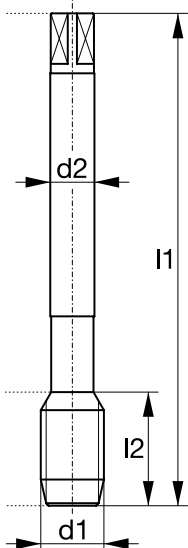
类型

LT

材质

TIN SL
HSSE

类型 2



导向锥

B / 3-5.5

螺纹公差

-

柄部公差

h9

螺纹深度

3xD

孔型




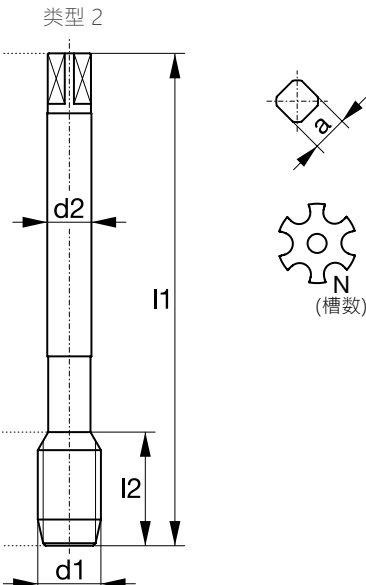




基本尺寸
~ DIN 5156

i 具体加工参数请参考应用第4页的应用技术表

P	10 - 30			
M	6 - 12			
K	5 - 25			
N	10 - 40			

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
G 1/8"	28	180	20	-	7	5.5	3	2	8.8	780322
G 1/4"	19	200	22	-	11	9	3	2	11.8	780323
G 3/8"	19	200	22	-	12	9	3	2	15.25	780324
G 1/2"	14	250	25	-	16	12	3	2	19	780325
G 3/4"	14	280	28	-	20	16	4	2	24.5	780326
G 1"	11	280	30	-	25	20	4	2	30.75	780327

切削丝锥 用于盲孔

G	惠氏管螺纹 DIN EN ISO 228				系列	DOMINANT LT45	DOMINANT LT45		
					类型	TIN	TIN		
					材质	HSSE	HSSE		
<p>类型 2</p> 									
					导向锥	C / 2-3	E / 1.5-2		
					螺纹公差	-	-		
					柄部公差	h9	h9		
					螺纹深度	3xD	3xD		
<p>基本尺寸 DIN 5156</p>					孔型				
					P	10-30	10-30		
					M	6-12	6-12		
					K	8-25	8-25		
					N	10-40	10-40		

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
G 1/16"	28	90	9.1	-	6	4.9	3	2	6.8	780328
G 1/8"	28	90	9.1	-	7	5.5	3	2	8.8	780329 780342
G 1/4"	19	100	13.4	-	11	9	3	2	11.8	780330 780343
G 3/8"	19	100	13.4	-	12	9	4	2	15.25	780331 780344
G 1/2"	14	125	18.2	-	16	12	4	2	19	780332 780345
G 5/8"	14	125	18.2	-	18	14.5	4	2	21	780333
G 3/4"	14	140	28	-	20	16	4	2	24.5	780334 780346
G 1"	11	160	30	-	25	20	4	2	30.75	780335 780347

切削丝锥 用于盲孔

G

惠氏管螺纹
DIN EN ISO 228



系列

DOMINANT
LT45

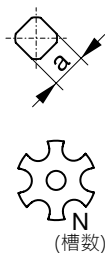
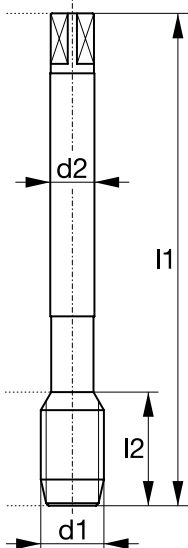
类型

TIN SL

材质

HSSE

类型 2



导向锥

C / 2-3

螺纹公差

-

柄部公差

h9

螺纹深度

3xD

孔型



基本尺寸
~ DIN 5156

i 具体加工参数请参考应用第4页的应用技术表

P	10 - 30			
M	6 - 12			
K	8 - 25			
N	10 - 40			

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
G 1/8"	28	180	9.1	-	7	5.5	3	2	8.8	780336
G 1/4"	19	200	13.4	-	11	9	3	2	11.8	780337
G 3/8"	19	200	13.4	-	12	9	4	2	15.25	780338
G 1/2"	14	250	18.2	-	16	12	4	2	19	780339
G 3/4"	14	280	28	-	20	16	4	2	24.5	780340
G 1"	11	280	30	-	25	20	4	2	30.75	780341

切削丝锥 用于通孔

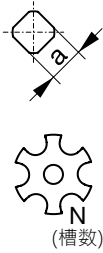
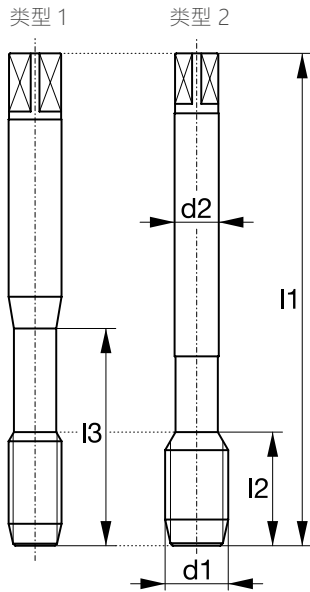
UNC

统一粗牙螺纹
ASME B1.1



系列
类型
材质

VARIANT
LT
TIN
HSSE



导向锥 B / 3-5.5
螺纹公差 2BX
柄部公差 h9
螺纹深度 3xD

基本尺寸
DIN 2184-1

孔型



P
M
K
N

10-30
6-12
5-25
10-40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
UNC No2	- 56	45	9	-	2.8	2.1	2	1	1.85	780348
UNC No4	- 40	56	11	18	3.5	2.7	2	1	2.35	780349
UNC No5	- 40	56	11	18	3.5	2.7	3	1	2.65	780350
UNC No6	- 32	56	12	20	4	3	3	1	2.85	780351
UNC No8	- 32	63	13	21	4.5	3.4	3	1	3.5	780352
UNC No10	- 24	70	16	25	6	4.9	3	1	3.9	780353
UNC No12	- 24	80	17	30	6	4.9	3	1	4.5	780354
UNC 1/4"	- 20	80	19	30	7	5.5	3	1	5.1	780355
UNC 5/16"	- 18	90	22	35	8	6.2	3	1	6.6	780356
UNC 3/8"	- 16	100	24	39	10	8	3	1	8	780357
UNC 1/2"	- 13	110	28	-	9	7	3	2	10.8	780358
UNC 5/8"	- 11	110	32	-	12	9	3	2	13.5	780359
UNC 3/4"	- 10	125	34	-	14	11	3	2	16.5	780360
UNC 7/8"	- 9	140	34	-	18	14.5	3	2	19.5	780361
UNC 1"	- 8	160	38	-	18	14.5	3	2	22.25	780362

切削丝锥 用于盲孔

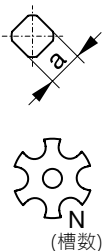
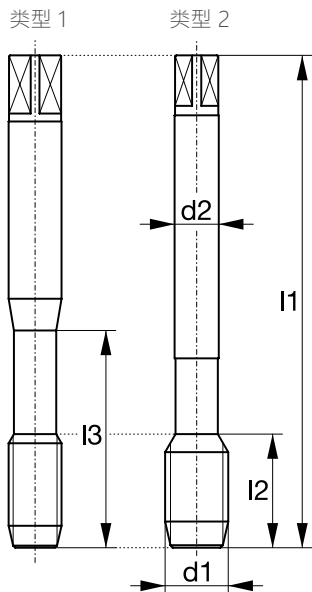
UNC

统一粗牙螺纹
ASME B1.1



系列
类型
材质

DOMINANT
LT45
TIN
HSSE



导向锥
螺纹公差
柄部公差
螺纹深度

C / 2-3
2BX
h9
3xD

基本尺寸
DIN 2184-1

孔型



i 具体加工参数请参考应用第4页的应用技术表

P
M
K
N

10-30
6-12
8-25
10-40

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
UNC No2	- 56	45	3.6	11	2.8	2.1	2	1	1.85	780363
UNC No3	- 48	50	3.6	13	2.8	2.1	2	1	2.1	780364
UNC No4	- 40	56	5.1	18	3.5	2.7	2	1	2.35	780365
UNC No5	- 40	56	5.1	18	3.5	2.7	2	1	2.65	780366
UNC No6	- 32	56	6.4	20	4	3	2	1	2.85	780367
UNC No8	- 32	63	6.4	21	4.5	3.4	2	1	3.5	780368
UNC No10	- 24	70	8.5	25	6	4.9	2	1	3.9	780369
UNC No12	- 24	80	8.5	30	6	4.9	2	1	4.5	780370
UNC 1/4"	- 20	80	10.2	30	7	5.5	2	1	5.1	780371
UNC 5/16"	- 18	90	11.3	35	8	6.2	3	1	6.6	780372
UNC 3/8"	- 16	100	12.7	39	10	8	3	1	8	780373
UNC 1/2"	- 13	110	15.6	-	9	7	3	2	10.8	780374
UNC 5/8"	- 11	110	18.5	-	12	9	3	2	13.5	780375
UNC 3/4"	- 10	125	25.4	-	14	11	4	2	16.5	780376
UNC 7/8"	- 9	140	28.2	-	18	14.5	4	2	19.5	780377
UNC 1"	- 8	160	31.8	-	18	14.5	4	2	22.25	780378

切削丝锥 用于通孔

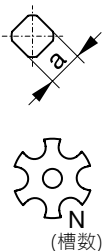
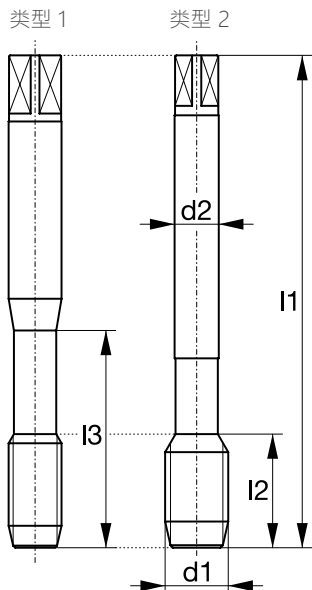
UNF

统一细牙螺纹
ASME B1.1



系列
类型
材质

VARIANT
LT
TIN
HSSE



导向锥 B / 3-5.5
螺纹公差 2BX
柄部公差 h9
螺纹深度 3xD

基本尺寸
DIN 2184-1

孔型



P
M
K
N

10 - 30
6 - 12
5 - 25
10 - 40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
UNF No2	- 64	45	9	-	2.8	2.1	2	1	1.85	780379
UNF No3	- 56	50	9	-	2.8	2.1	2	1	2.15	780380
UNF No4	- 48	56	11	18	3.5	2.7	2	1	2.4	780381
UNF No5	- 44	56	11	18	3.5	2.7	3	1	2.7	780382
UNF No6	- 40	56	12	20	4	3	3	1	2.95	780383
UNF No8	- 36	63	13	21	4.5	3.4	3	1	3.5	780384
UNF No10	- 32	70	16	25	6	4.9	3	1	4.1	780385
UNF 1/4"	- 28	80	19	30	7	5.5	3	1	5.5	780386
UNF 5/16"	- 24	90	22	35	8	6.2	3	1	6.9	780387
UNF 3/8"	- 24	90	20	35	10	8	3	1	8.5	780388
UNF 7/16"	- 20	100	24	-	8	6.2	3	2	9.9	780389
UNF 1/2"	- 20	100	22	-	9	7	3	2	11.5	780390
UNF 9/16"	- 18	100	22	-	11	9	3	2	12.9	780391
UNF 5/8"	- 18	100	22	-	12	9	3	2	14.5	780392
UNF 3/4"	- 16	110	25	-	14	11	3	2	17.5	780393
UNF 7/8"	- 14	125	25	-	18	14.5	3	2	20.4	780394
UNF 1"	- 12	140	28	-	18	14.5	3	2	23.25	780395

切削丝锥 用于盲孔

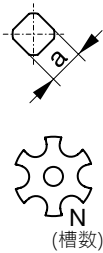
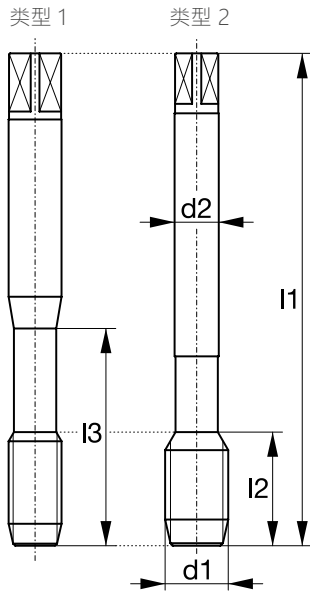
UNF

统一细牙螺纹
ASME B1.1



系列
类型
材质

DOMINANT
LT45
TIN
HSSE



导向锥
螺纹公差
柄部公差
螺纹深度

C / 2-3
2BX
h9
3xD

基本尺寸
DIN 2184-1

孔型



P
M
K
N

10-30
6-12
8-25
10-40

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
UNF No2	- 64	45	3.6	11	2.8	2.1	2	1	1.85	780396
UNF No3	- 56	50	3.6	13	2.8	2.1	2	1	2.15	780397
UNF No4	- 48	56	5.1	18	3.5	2.7	2	1	2.4	780398
UNF No5	- 44	56	5.1	18	3.5	2.7	2	1	2.7	780399
UNF No6	- 40	56	6.4	20	4	3	2	1	2.95	780400
UNF No8	- 36	63	6.4	21	4.5	3.4	2	1	3.5	780401
UNF No10	- 32	70	8.5	25	6	4.9	2	1	4.1	780402
UNF No12	- 28	80	8.5	30	6	4.9	2	1	4.6	780403
UNF 1/4"	- 28	80	10.2	30	7	5.5	2	1	5.5	780404
UNF 5/16"	- 24	90	11.3	35	8	6.2	3	1	6.9	780405
UNF 3/8"	- 24	90	12.7	35	10	8	3	1	8.5	780406
UNF 7/16"	- 20	100	14.5	-	8	6.2	3	2	9.9	780407
UNF 1/2"	- 20	100	15.6	-	9	7	3	2	11.5	780408
UNF 9/16"	- 18	100	16.9	-	11	9	3	2	12.9	780409
UNF 5/8"	- 18	100	18.5	-	12	9	3	2	14.5	780410
UNF 3/4"	- 16	110	25.4	-	14	11	4	2	17.5	780411
UNF 7/8"	- 14	125	28.2	-	18	14.5	4	2	20.4	780412
UNF 1"	- 12	140	31.8	-	18	14.5	4	2	23.25	780413

切削丝锥 用于通孔

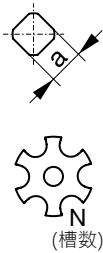
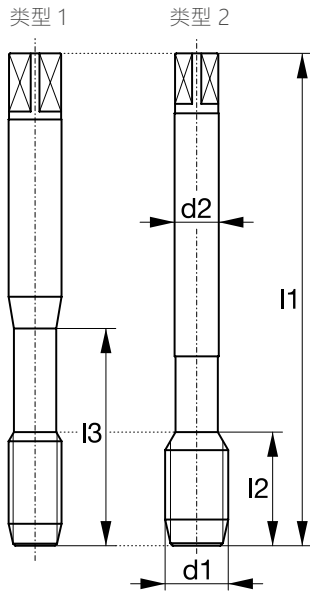
STI
EG-M

公制嵌套螺纹
DIN 8140



系列
类型
材质

VARIANT
LT
TIN
HSSE



导向锥 B / 3-5.5
螺纹公差 6HX mod
柄部公差 h9
螺纹深度 3xD

基本尺寸
DIN 40435

孔型



P	10 - 30
M	6 - 12
K	5 - 25
N	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

$\varnothing d_1$	P	l_1	l_2	l_3	$\varnothing d_2$	a	N	类型		型号
EG-M 2	0.4	50	9	-	2.8	2.1	2	1	2.1	780292
EG-M 2.5	0.45	56	11	18	3.5	2.7	3	1	2.65	780293
EG-M 3	0.5	63	13	21	4.5	3.4	3	1	3.15	780294
EG-M 4	0.7	70	16	25	6	4.9	3	1	4.2	780295
EG-M 5	0.8	80	19	30	6	4.9	3	1	5.25	780296
EG-M 6	1	90	22	35	8	6.2	3	1	6.3	780297
EG-M 8	1.25	100	24	39	10	8	3	1	8.4	780298
EG-M 10	1.5	100	29	-	9	7	3	2	10.5	780299
EG-M 12	1.75	110	30	-	11	9	3	2	12.5	780300
EG-M 16	2	125	34	-	14	11	3	2	16.5	780301
EG-M 20	2.5	160	34	-	18	14.5	3	2	20.8	780302

切削丝锥 用于盲孔

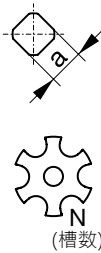
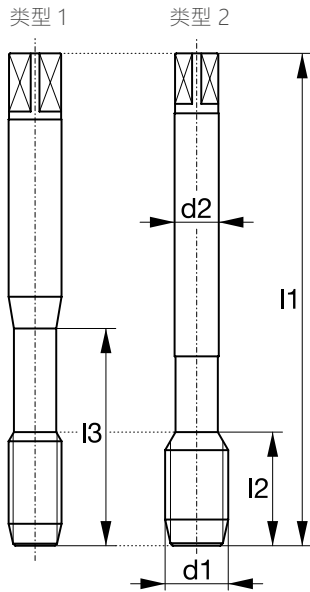
STI
EG-M

公制嵌套螺纹
DIN 8140



系列
类型
材质

DOMINANT
LT45
TIN
HSSE



导向锥 **E / 1.5-2**
螺纹公差 6HX mod
柄部公差 h9
螺纹深度 3xD

基本尺寸
DIN 40435

孔型


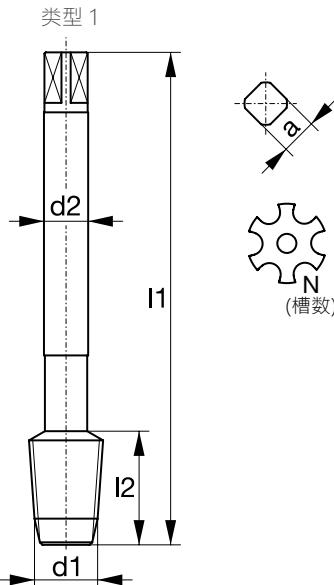




P	10 - 30
M	6 - 12
K	8 - 25
N	10 - 40

i 具体加工参数请参考应用第4页的应用技术表

$\varnothing d_1$	P	l_1	l_2	l_3	$\varnothing d_2$	a	N	类型		型号
EG-M 2	0.4	50	4.5	13	2.8	2.1	2	1	2.1	780303
EG-M 2.5	0.45	56	5	18	3.5	2.7	3	1	2.65	780304
EG-M 3	0.5	63	5	21	4.5	3.4	3	1	3.15	780305
EG-M 4	0.7	70	7	25	6	4.9	3	1	4.2	780306
EG-M 5	0.8	80	8	30	6	4.9	3	1	5.25	780307
EG-M 6	1	90	10	35	8	6.2	3	1	6.3	780308
EG-M 8	1.25	100	13	39	10	8	3	1	8.4	780309
EG-M 10	1.5	100	15	-	9	7	3	2	10.5	780310
EG-M 12	1.75	110	18	-	11	9	3	2	12.5	780311
EG-M 16	2	125	20	-	14	11	4	2	16.5	780312
EG-M 20	2.5	160	25	-	18	14.5	4	2	20.8	780313

切削丝锥 用于通孔或盲孔

NPT	美标椎管螺纹		系列	DOMINANT LT40			
			类型	TIN			
			材质	HSSE			
<p>类型 1</p> 							
			导向锥	C / 2-3			
			螺纹公差	-			
			柄部公差	h9			
			螺纹深度	-			
<p>基本尺寸 ~ DIN 5156</p>			孔型				
			P	2-8			
			M	-			
			K	1-8			
			N	1-8			

i 具体加工参数请参考应用第4页的应用技术表

Ød ₁	P	l ₁	l ₂	l ₃	Ød ₂	a	N	类型		型号
NPT 1/16"	27	90	18	-	6	4.9	3	2	6.15	780414
NPT 1/8"	27	90	19	-	7	5.5	3	2	8.4	780415
NPT 1/4"	18	100	28	-	11	9	3	2	11.1	780416
NPT 3/8"	18	100	28	-	12	9	4	2	14.3	780417
NPT 1/2"	14	125	35	-	16	12	4	2	17.9	780418
NPT 3/4"	14	140	35	-	20	16	4	2	23.2	780419
NPT 1"	11.5	160	45	-	25	20	4	2	29	780420

查找主样本



BASS
TECHNIK FÜR GEWINDE

Gewindelocher
for taps / fileuses à fileter / maschi a file / tornavite

Typenbezeichnung / type / type / tipo / tipo

M-Metrisches ISO-Regelgewinde DIN 13
ISO Metric coarse thread DIN 13
Fileuse métrique ISO DIN 13
Maschi metriche ISO DIN 13
Tornavite metriche ISO DIN 13

DIN 2174

Bezeichnung / name / type de trou / tipo / tipo de agujero

Einwirkgebiet / application / application
adatto per lavorazione di / application

Ausführung / model / modèle / modello / modelo

Werkstoff / tool material / matériau / materiale / material

Gewindelocher / Thread tap / perceuse / tornavite / tornavite
Tolerance di fabbricazione / tolerance de la pièce

Schulftoleranz / thread tolerance / tolérance de queue /
toleranza del gambo / tolerancia del mango

Anschliff / chamfer / arête / reboca / extracta

Ød	P	L	l ₁	l ₂	Ød ₁	z	GT	BT	ID
M 3	0,5	50	10	18	3,3	2,7	2,8	107190	
M 4	0,7	63	12	21	4,5	3,4	3,7	107194	
M 5	0,8	78	14	25	5	4,9	4,65	107196	107200
M 6	1	90	16	30	6	4,9	5,55	107202	107204
M 8	1,25	100	18	35	8	6,2	7,25	107208	107210
M 10	1,5	120	20	40	10	8	9,25	107196	104728

BASS
TECHNIK FÜR GEWINDE

Gewindelocher
for taps / fileuses à fileter / maschi a file / tornavite

Typenbezeichnung / type / type / tipo / tipo

M-Metrisches ISO-Regelgewinde DIN 13
ISO Metric coarse thread DIN 13
Fileuse métrique ISO DIN 13
Maschi metriche ISO DIN 13
Tornavite metriche ISO DIN 13

DIN 2174

Bezeichnung / name / type de trou / tipo / tipo de agujero

Einwirkgebiet / application / application
adatto per lavorazione di / application

Ausführung / model / modèle / modello / modelo

Werkstoff / tool material / matériau / materiale / material

Gewindelocher / Thread tap / perceuse / tornavite / tornavite
Tolerance di fabbricazione / tolerance de la pièce

Schulftoleranz / thread tolerance / tolérance de queue /
toleranza del gambo / tolerancia del mango

Anschliff / chamfer / arête / reboca / extracta

Ød	P	L	l ₁	l ₂	Ød ₁	z	GT	BT	ID
M 17	1,75	170	24	57	17,3	13,3	13,3	030162	030167
M 18	2	170	25	57	18,3	13,3	13,3	030164	030167
M 19	2	170	27	57	19,3	13,3	13,3	030166	030167
M 20	2,5	170	27	57	20,3	13,3	13,3	030168	030167
M 22	2,5	140	27	57	22,3	13,3	13,3	030170	030167
M 24	3	160	28	57	24,3	13,3	13,3	030172	030167
M 27	3	160	30	57	27,3	13,3	13,3	030174	030167
M 30	3,5	180	40	57	30,3	13,3	13,3	030176	030167
M 33	3,5	180	45	57	33,3	13,3	13,3	030178	030167
M 36	4	200	50	57	36,3	13,3	13,3	030180	030167
M 39	4	200	55	57	39,3	13,3	13,3	030182	030167
M 42	4,5	200	60	57	42,3	13,3	13,3	030184	030167
M 45	4,5	200	65	57	45,3	13,3	13,3	030186	030167
M 48	5	210	60	57	48,3	13,3	13,3	030188	030167

以及螺纹铣刀样本



BASS
TECHNIK FÜR GEWINDE

WM-Gewindefräser GFA
for thread mills / fraises à fileter / maschi a file / tornavite
Fileuse à fileter / fraise de machine de métal dur GFA

Typenbezeichnung / type / type / tipo / tipo

Metrisches ISO-Feingewinde DIN 13
ISO Metric fine thread DIN 13
Fileuse métrique ISO à pas fin DIN 13
Maschi metriche ISO passo fine DIN 13
Tornavite metriche ISO passo fine DIN 13

Bezeichnung / name / type de trou / tipo / tipo de agujero

Einwirkgebiet / application / application
adatto per lavorazione di / application

Ausführung / model / modèle / modello / modelo

Zylinderschliff / straight shank / queue cylindrique / gambo cilindrico / mango cilindrado

ØD	P	L	l ₁	Ød ₁	z	GT	BT	ID
M 8	x 0,75	54	19	400	6	12	12,5	020105
M 8	x 1	64	18	505	6	16	16,5	020107
M 10	x 1	64	22	705	8	20	23,5	020110
M 10	x 1,25	64	22	705	8	20	23,5	020112
M 12	x 1	74	26	905	10	24	24,5	020114
M 12	x 1,5	74	26	905	10	24	24,5	020116
M 14	x 1,5	80	31	1195	12	28	29,2	020118
M 16	x 1,5	90	34	1595	14	32	33,0	020121

BASS
TECHNIK FÜR GEWINDE

WM-Gewindefräser GFA
for thread mills / fraises à fileter / maschi a file / tornavite
Fileuse à fileter / fraise de machine de métal dur GFA

Typenbezeichnung / type / type / tipo / tipo

G-Regelgewinde DIN ISO 228
ISO Metric coarse thread DIN ISO 228
Fileuse pas fin ISO DIN ISO 228
Maschi metriche ISO passo fine DIN ISO 228
Tornavite metriche ISO passo fine DIN ISO 228

Bezeichnung / name / type de trou / tipo / tipo de agujero

Einwirkgebiet / application / application
adatto per lavorazione di / application

Ausführung / model / modèle / modello / modelo

Zylinderschliff / straight shank / queue cylindrique / gambo cilindrico / mango cilindrado

ØD	P	L	l ₁	Ød ₁	z	GT	BT	ID
G 18	25	64	21	705	8	24	25,5	067240
G 14	19	74	23	905	10	28	27,5	067150
G 36	39	30	35	1500	14	34	34,5	107154
G 12	14	120	44	1505	15	40	42	067220

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VDA AUTOMOTIVE QUALITY
6.4
MANAGEMENT SYSTEMS

ISO QUALITY
9001
MANAGEMENT SYSTEMS

ISO ENVIRONMENTAL
14001
MANAGEMENT SYSTEMS

ISO ENERGY
50001
MANAGEMENT SYSTEMS

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