



螺纹铣刀系列

Carbide Thread milling cutter series

UN Threads
BSP Threads
NPT (G) Thread
BSW/PG Straight Thread
ISO/Metric Thread
Taper 60° Thread
Aerospace Thread/UN
Millipro Dental / ISO/UN

美制螺
范牙螺纹
螺纹
直槽铣牙
公制螺纹
锥螺纹
美制航空螺纹
美制/公制小径牙科螺纹



广东优能特五金科技有限公司
Guangdong UNT Cutting Tools co., Ltd

INTRODUCTION

公司简介

广东优能特五金科技有限公司

优能特是一家CNC铣削刀具的大型制造商。

优能特在中国东莞拥有一个9,000平方米的工业园区，进口了35台澳大利亚ANCA数控磨床，5台Walter数控磨床、55个工程师和35个销售员。

我们建立了 ISO9001 质量控制体系，使用优质稳定的德国硬质合金棒，SWISS SOERLIKON新涂层技术以提高抗氧化性和热硬度。我们进口德国ZOLLER数字测量仪器等精密测试设备，以确保稳定的尺寸精度和优良的表面质量。

我们已经成为知名品牌工具的OEM合作伙伴15年，我们的仓库1500 SQM拥有数百万库存，可在24小时内发货给立铣刀。

优能特切削刀具已分布在欧洲，亚洲，北美和许多其他城市，热销产品包括高性能硬质合金立铣刀 EMC /X5070系列，HRC55硬质合金立铣刀，EMF金刚石涂层刀具，螺纹和丝锥，冷却液钻头，超微型立铣刀，用于不锈钢的EMD等，以及各种定制尺寸的CNC铣削工具。

我们拥有提供全方位服务的设计和工程人员，以及Markets销售人员，可以根据您的特定规格构建自定义工具的多层次结构。

我们的目标是帮助每个客户获得最大的利益，建立世界一流的优质切削刀具品牌。

选择好的工具，选择“优能特”精密工具！

Guangdong UNT Cutting Tools Co., Ltd.

UNT' is a big manufacturer of CNC Milling tools.

UNT' owned an industrial park 9,000 SQM in Dongguan China, imported Australian ANCA CNC grinding machines 35 sets, Walter CNC Cutter Grinders 5 sets, and 55 engineer design teams and 30 salesmen.

We established an ISO9001 quality control system, use high-quality and stable German Carbide Rods, SWISS OERLIKON new coating technologies, to improve the oxidation resistance and hot hardness. We import Germany ZOLLER Digital Measuring Instruments, such as precision testing equipment, to ensure stable dimensional accuracy and fine surface quality.

We have been an OEM Partner for Well-known brand tools for 15 years, Our warehouse 1500 SQM with millions of in-stock, ready to shipping end mills in 24 hours.

UNT Cutting tools have been distributed in Europe, Asia, North America, and many other cities, Hot sales products include High-performance Carbide end mills EMC/X5070 series, HRC55 Carbide end mills, EMF Diamond Coated Tools, Thread & tap, Coolant drills, Super-micro end mills, EMD for Stainless steels, etc, and all kinds of custom-sized CNC Milling tools.

We have a full-service design and engineering staff, and Markets sales to build a multilevel of variations of custom tools to your specific specifications.

Our aim is to help every customer achieve maximum benefits, to build a world-class quality cutting tool brand.

Choose the good Tools, Choose "UNT" Precision Tools.



The Advantages of Thread Milling

螺纹铣削的优点

- Eliminates the need to reverse the spindle as is the case with conventional tapping applications
 - One thread mill will handle various bore diameters so long as the pitch is the one required
 - Internal thread can be produced all the way to the bottom of the hole
 - Exceptional thread quality on a wide variety of materials including specific designs for aluminum and exotic materials
 - Standard coolant tools are axial, but radial coolant holes are available as specials.
- 无需像传统攻丝应用那样反转主轴
- 只要螺距匹配，一台螺纹铣刀将处理各种尺寸的孔径
- 内螺纹可以一直加工至孔底
- 适用于各种材料的卓越螺纹品质，包括针对铝和特殊材料的特定设计
- 标准的冷却工具是轴向的，可定制特殊的径向冷却孔。

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大款式

硬质合金螺纹铣刀方案

Carbide Milling Threading and Drilling Solutions

美制UN全牙螺纹铣刀



美制UN三牙螺纹铣牙刀



BSP范围通用牙型



ISO公制单牙铣牙刀



ISO公制螺旋槽铣三牙刀



ISO公制螺纹铣全牙刀



铝用公制三牙螺旋槽铣牙刀



优能特

公制美制三牙加长柄螺纹



BSP(G)螺旋槽铣牙刀



NPT(G)螺旋槽铣牙刀



PG牙BSW牙



锥螺纹



美制航空螺纹



ISO公制螺纹--Millipro牙科



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美制UN三牙螺纹铣牙刀

Thread Milling Cutters - Tri-Form - UN Threads



03/Three

BSP范牙通用牙型

Micro Partial Profile 60° Thread Mills - Single Form - BSP Threads



04/Four

ISO公制单牙铣牙刀

Thread Milling Cutters - Single Form - Metric threads



05-06/Five-Six

ISO公制螺旋槽铣牙刀

Thread Milling Cutters - Tri-Form - ISO Metric threads



06-07/Six-Seven

ISO公制螺纹铣牙刀

Thread Milling Cutters - Full Form - ISO Metric Threads



08-09/Eight-Nine

铝用公制三牙螺旋槽铣牙刀

Thread Milling Cutters For Aluminum - Tri-Form - ISO Metric Threads



10/Ten

公制美制三牙加长柄螺纹

Thread Milling Cutters- Micro Tri-Tooth - ISO Metric Threads



11/Eleven

BSP(G)螺旋槽铣牙刀

Internal Thread Milling Cutters- Full Form -BSP(G) Threads



12/Twelve

NPT(G)螺旋槽铣牙刀

Thread Milling Cutters- Full Form -NPT Threads



13/Thirteen

PG牙BSW牙

Straight Flute Thread Milling - Single/Tri/Full Tooth -PG Threads



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锥螺纹

Spiral Flute Taper 60° Thread Cutter - on Boving Cortical Bone



15/Fifteen

美制航空螺纹

Aerospace thread/UN



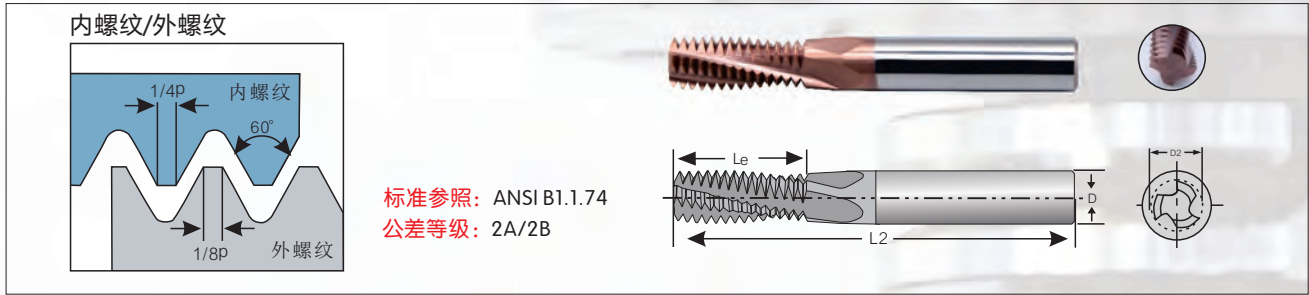
16/Sixteen

ISO公制螺纹--Millipro牙科

Solid MilliPro Dental - in American UN



美制UN (不变螺距)



美制UN全牙螺旋槽外螺纹铣刀

EMH.27: External Thread Milling Cutters - Full Form - UN Threads

2xD0 (Le ≤ 2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿
Ex Thread	UNC	UNF	TIP	D	D2	L2	Le	Z	Zt
EMH.27.001	No.8-32		32	4	3.9	50	8.7	3	11
EMH.27.002		No.12-28	28	4	3.9	50	11.8	3	13
EMH.27.003	No.12-24		24	4	3.9	50	11.6	3	11
EMH.27.004	1/4"X20		20	4	3.9	50	12.70	3	10
EMH.27.005	5/6"X18		18	6	5.9	60	16.9	3	12
EMH.27.006	3/8"X16		16	8	7.9	65	19.1	3	12
EMH.27.007	9/16"X12		12	12	11.9	82	29.6	4	14

美制全牙螺旋槽内螺纹铣刀

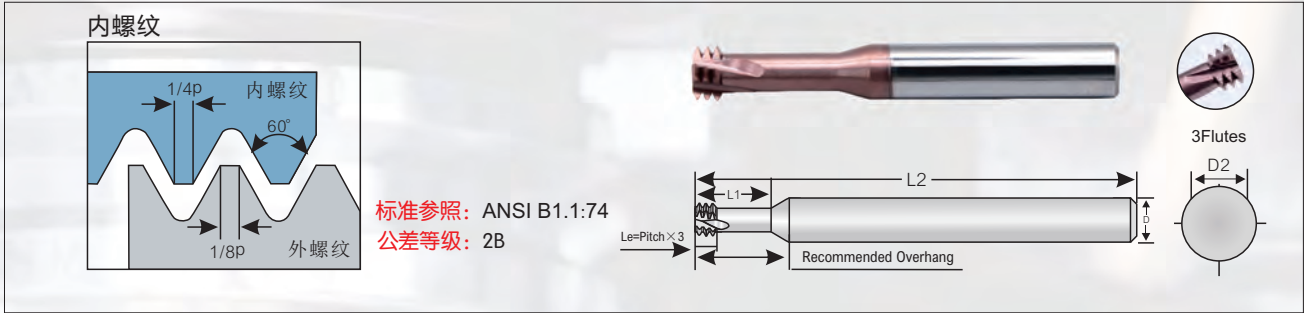
EMH.28: Internal Thread Milling Cutters - Full Form - UN Threads

2xD0 (Le ≤ 2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸			Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	UNC	UNF	UNEF	TIP	D	D2	L2	Le	Z	Zt	mm
EMH.28.001		No.8-36	No.12-3/8"X32	36	4	3.0	50	8.5	3	12	3.5
EMH.28.002		No.10-32	7/16",1/2X28	32	4	3.3	50	11.1	3	14	4
EMH.28.003		No.12-28,1/4"X28	7/16",1/2X28	28	4	3.8	50	11.8	3	13	4.6
EMH.28.004		1/4"X28	7/16",1/2X28	28	6	4.6	60	12.7	3	14	5.5
EMH.28.005			9/16"-11/16"X24	28	10	9.2	75	22.7	4	25	10.2
EMH.28.006	No.12-24	5/16",3/8"X24	9/16"-11/16"X24	24	4	2.9	50	10.6	3	10	3.8
EMH.28.007	No.10-25	5/16",3/8"X24	9/16"-11/16"X24	24	4	3.5	50	11.6	3	11	4.5
EMH.28.008		5/16",3/8"X24	9/16"-11/16"X24	24	6	5.7	60	15.9	3	15	6.8
EMH.28.009		3/8"X24	9/16"-11/16"X24	24	8	7.4	65	19.1	3	18	8.5
EMH.28.010			3/4"-1"X20	24	12	11.9	82	28.6	4	27	13.2
EMH.28.011	1/4"X20	7/16",1/2"X20	3/4"-1"X20	20	4	3.9	50	12.7	3	10	5.2
EMH.28.012		7/16",1/2"X20	3/4"-1"X20	20	10	8.5	75	22.9	4	18	9.8
EMH.28.013		1/2"X20	3/4"-1"X20	20	10	9.9	75	25.4	4	20	11.5
EMH.28.014			11/16"-1 11/16"X18	20	16	15.9	100	38.1	5	30	17.8
EMH.28.015	5/16"X18	9/16",5/8"X18	11/16"-1 11/16"X18	18	6	5.2	60	16.9	3	12	6.5
EMH.28.016		9/16",5/8"X18	11/16"-1 11/16"X18	18	12	11.3	82	29.6	4	21	12.8
EMH.28.017		5/8"X18		18	12	11.9	82	32.5	4	23	14.5
EMH.28.018	3/8"X16	3/4"X16		16	8	6.7	65	19.1	3	12	8.0
EMH.28.019		3/4"X16		16	16	15.9	100	38.1	4	24	17.5
EMH.28.020	7/16"X14	7/8"X14		14	8	7.6	65	23.6	4	13	9.3
EMH.28.021		7/8"X14		14	20	18.7	110	44.4	4	24	20.5
EMH.28.022	1/2"X13			13	10	8.9	75	25.4	4	13	10.8
EMH.28.023	9/16"X12	1"-11/2"X12		12	12	10.3	82	29.6	4	14	12.3
EMH.28.024		1"-11/2"X12		12	20	19.9	110	50.8	5	24	23.5
EMH.28.025	5/8"X11			11	12	11.0	82	32.3	4	14	13.5
EMH.28.026	3/4"X10			10	16	13.5	100	38.1	5	15	16.5
EMH.28.027	7/8"X9			9	16	15.2	100	45.2	4	16	19.5
EMH.28.028	1"X8			8	20	17.0	110	50.8	4	16	22.0

以上产品未列明细的非标规格尺寸或产品参数, 可根据客户需求订制制作。

美制UN (不变螺距)



美制UN三牙螺旋槽铣牙刀

EMH.36: Internal Thread Milling Cutters - Tri-Form - UN Threads

2xD0 (L1 ≤ 2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	UNC	UNF	TIP	D	D2	L2	L1	Z	Zt	mm
EMH.36.001		No.1-72	72	6	1.45	60		3	3	1.6
EMH.36.002	No.1-64	No.2-64	64	6	1.40	60	4.2	3	3	1.5
EMH.36.003	No.2-56	No.3-56	56	6	1.65	60	5.0	3	3	1.8
EMH.36.004	No.3-48	No.4-48	48	6	1.90	60	6.0	3	3	2.1
EMH.36.005	No.4,No.5-40	No.6-40	40	6	2.10	60	6.0	3	3	2.3
EMH.36.006	No.5-40	No.6-40	40	6	2.45	60	7.2	3	3	2.6
EMH.36.007		No.8-36	36	6	3.30	60	8.7	3	3	3.5
EMH.36.008	No.6,No.8-32	No.10-32	32	6	2.55	60	7.4	3	3	2.8
EMH.36.009	No.8-32	No.10-32	32	6	3.20	60	10.0	3	3	3.5
EMH.36.010		No.10-32	32	6	3.80	60	10.3	3	3	4.0
EMH.36.011		1/4"x28	28	6	5.25	60	13.2	3	3	5.5
EMH.36.012	No.10-24	5/16"x24	24	6	3.58	60	10.2	3	3	3.9
EMH.36.013		5/16"x24	24	8	6.68	65	16.5	3	3	6.9
EMH.36.014	1/4"x20	7/16"x20	20	6	4.88	60	13.4	3	3	5.2
EMH.36.015		7/16"x20	20	10	9.55	75	23.0	3	3	9.9
EMH.36.016	5/16"x18		18	8	6.15	65	16.9	3	3	6.6
EMH.36.017	3/8"x16		16	8	6.70	65	19.1	3	3	8.0
EMH.36.018	7/16"x14		14	10	9.00	75	23.3	3	3	9.4

美制UN三牙螺旋槽铣牙刀

EMH.37 Internal Thread Milling Cutters - Tri-Form - UN Threads

3xD0 (L1 ≤ 3x螺纹直径)

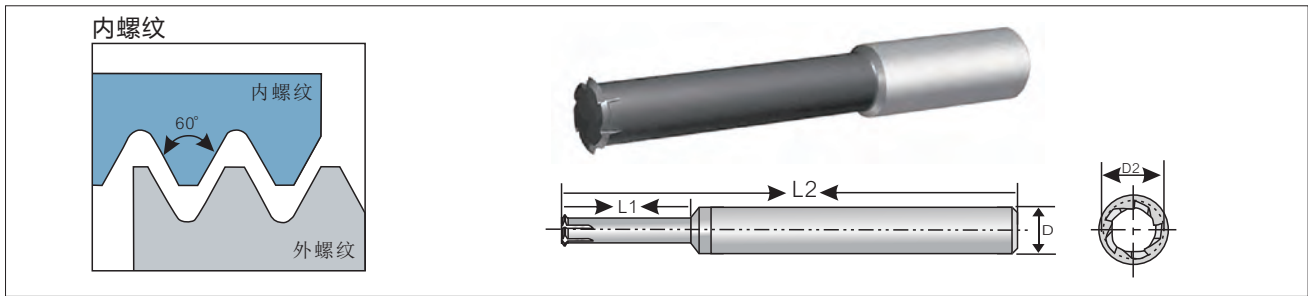
UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	UNC	UNF	TIP	D	D2	L2	L1	Z	Zt	mm
EMH.37.001		No.1-72	72	3	1.45	38	5.75	3	3	1.6
EMH.37.002		No.1-72	72	6	1.45	60	5.75	3	3	1.6
EMH.37.003	No.2-56	No.3-56	56	3	1.65	38	7.0	3	3	1.8
EMH.37.004	No.4,No.5-40	No.6-40	40	3	2.10	38	9.0	3	3	2.3
EMH.37.005	No.4,No.5-40	No.6-40	40	6	2.10	60	9.0	3	3	2.3
EMH.37.006	No.5-40	No.6-40	40	6	2.45	60	10.0	3	3	2.6
EMH.37.007	No.6,No.8-32	No.10-32	32	3	2.55	38	11.0	3	3	2.8
EMH.37.008	No.6,No.8-32	No.10-32	32	6	2.55	60	11.0	3	3	2.8
EMH.37.009	No.8-32	No.10-32	32	6	3.20	60	13.0	3	3	3.4
EMH.37.010		No.10-32	32	6	3.80	60	15.1	3	3	4.0
EMH.37.011	No.12-28	1/4"x28	28	6	4.40	60	17.0	3	3	4.7
EMH.37.012		1/4"x28	28	6	5.25	60	19.6	3	3	5.5
EMH.37.013		5/16"x24	24	8	6.68	65	24.5	3	3	6.9
EMH.37.014	1/4"x20	7/16"x20	20	6	4.88	60	19.8	3	3	5.1
EMH.37.015	5/16"x18		18	8	6.15	65	24.0	3	3	6.6

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求定制制作。

* 螺纹最小底孔直径

范牙通用牙型60°

深孔螺纹铣牙刀



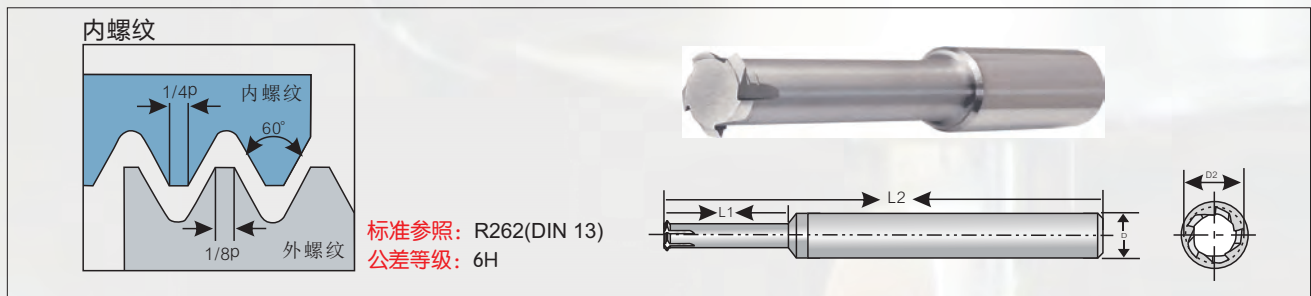
60度范用型单牙铣牙刀

EMH.35: Micro Partial Profile 60° Thread Mills - Single Form - BSP Threads

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸			Pitch 螺距	Metric size 尺寸							
	In Thread	M粗牙	M细牙		UN,UNS,UNF,UNEF	TIP	mm	D	D2	L2	L1	Z
EMH.35.001	M5X0.8	M5X0.5 M5X0.75		NO.10-56UNS、NO.10-48UNS NO.10-40UNS、NO.10-36UNS NO.10-32UNF	0.5-0.8	32-56	4	3.90	50	16	4	1
EMH.35.002	M6X1.0	M6X0.5 M6X0.75		NO.12-56UNS、NO.12-48UNS 1/4-40UNS、1/4-36UNS 1/4-32UNEF、1/4-28UNF 1/4-27UNS、1/4-24UNS	0.5-1.0	24-56	6	4.85	60	20	5	1
EMH.35.003	M8X1.25	M7X0.5 M7X0.75 M7.5X1.0		5/16-48UNS、5/16-40UNS 5/16-36UNS、5/16-32UNS 5/16-28UN、5/16-27UNS 5/16-24UNS、5/16-20UN	0.5-1.25	20-48	6	5.90	60	25	5	1
EMH.35.004	-	M10.5X0.5 M11X0.75 M11X1.0		7/16-32UN、7/16-28UNEF 7/16-27UNS、7/16-24UNS	0.5-1.0	24-56	10	9.90	75	35	6	1
EMH.35.005	M10X1.5	M10X1.0 M10X1.25		3/8-24UNF、3/8-20UN 7/16-18UNS、7/16-16UN	1.0-1.50	16-24	8	7.90	65	32	6	1
EMH.35.006	M12X1.75	M12X1.0, M12X1.25, M12X1.5		1/2-24UNS、1/2-20UNS 1/2-18UNS、1/2-16UNS 1/2-14UNS	1.0-1.75	14-24	10	9.90	75	38	6	1
EMH.35.007	-	M13.5X1.0 M14X1.25 M14X1.5		9/16-24UNEF	1.0-1.75	14-24	12	11.90	82	45	6	1

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制作。

ISO公制单牙铣牙刀



ISO公制单牙铣牙刀——深孔螺纹加工用

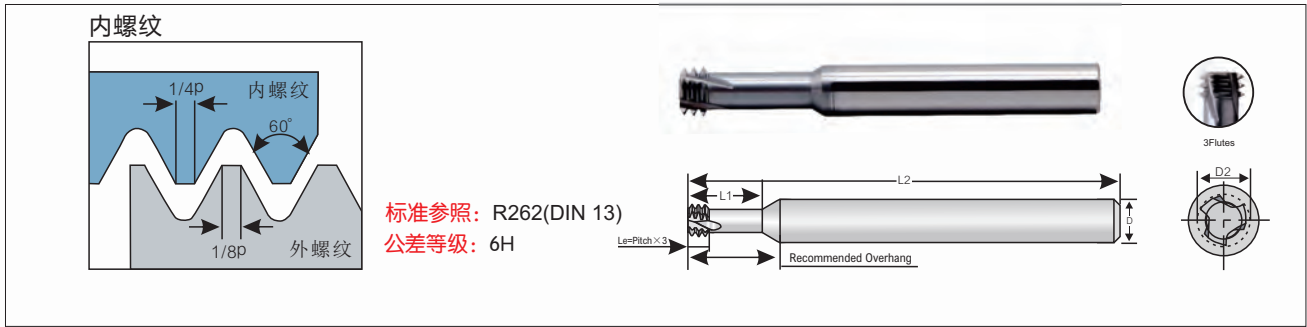
EMH.19: Thread Milling Cutters - Single Form - Metric threads

3xD0 (L1≤3x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	M粗牙	mm	D	D2	L2	L1	Root Z	Zt	mm
EMH.19.010	M1X0.25	0.25	4	0.70	50	3.5	3	1	0.75
EMH.19.012	M1.2X0.25	0.25	4	0.90	50	4.2	3	1	0.95
EMH.19.014	M1.4X0.3	0.30	4	1.05	50	4.2	3	1	1.10
EMH.19.016	M1.6X0.35	0.35	4	1.20	50	5.6	3	1	1.25
EMH.19.018	M1.8X0.35	0.35	4	1.41	50	6.6	3	1	1.45
EMH.19.020	M2.0X0.4	0.40	4	1.55	50	6.6	3	1	1.60
EMH.19.022	M2.2X0.45	0.45	4	1.70	50	6.6	3	1	1.75
EMH.19.025	M2.5X0.45	0.45	4	1.96	50	8.0	3	1	2.05
EMH.19.030	M3X0.5	0.50	4	2.40	50	10.0	3	1	2.50
EMH.19.040	M4X0.7	0.70	4	3.15	50	13.0	3	1	3.30
EMH.19.050	M5X0.8	0.80	6	3.90	50	16.0	3	1	4.20
EMH.19.060	M6×1	1.00	8	4.10	65	19.0	3	1	5.00
EMH.19.080A	M8×1.25	1.25	10	5.80	75	26.0	4	1	6.80
EMH.19.100	M10×1.5	1.50	10	7.70	75	32.0	4	1	8.50
EMH.19.120	M12×1.5	1.50	12	9.40	82	38.0	4	1	10.50
EMH.19.120A	M12×1.75	1.75	12	8.70	82	38.0	4	1	10.20
EMH.19.140	M14X2	2.00	12	11.6	82	44.0	4	1	12.00
EMH.19.140A	M14X2	2.00	16	10.20	100	44.0	4	1	12.00
EMH.19.160	M16×2	2.00	16	12.20	100	50.0	4	1	14.00
EMH.19.180	M18×2.5	2.50	16	12.90	110	57.0	5	1	15.50
EMH.19.200	M20×2.5	2.50	16	14.80	110	63.0	5	1	17.50

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制制作。

ISO公制螺旋槽铣牙刀



ISO公制三牙螺旋槽铣牙刀

EMH.14: Internal Thread Milling Cutters - Tri-Form - ISO Metric threads

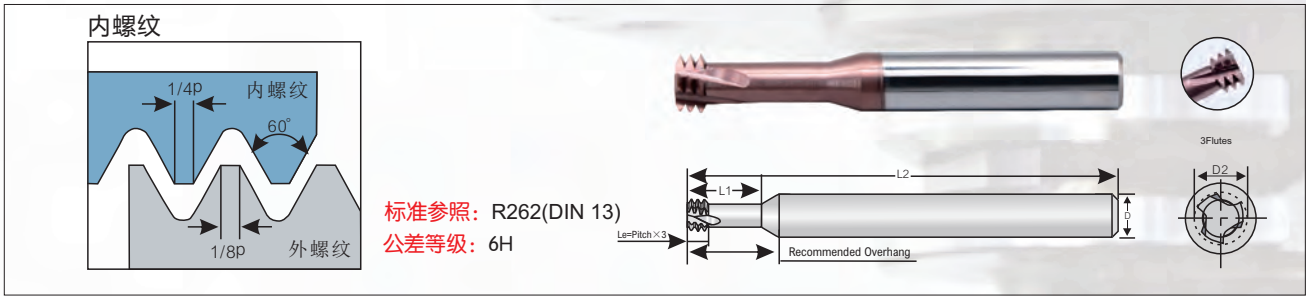
2xD0 (L1≤2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	M粗牙	M细牙	mm	D	D2	L2	L1	Z	Zt	mm
EMH.14.009	M0.9X0.225		0.225	4	0.65	50	2.0	3	3	0.68
EMH.14.010	M1X0.25		0.25	4	0.73	50	2.3	3	3	0.75
EMH.14.012	M1.2X0.25		0.25	4	0.92	50	2.8	3	3	0.95
EMH.14.014	M1.4X0.3		0.30	4	1.05	50	3.1	3	3	1.10
EMH.14.016B	M1.6X0.35		0.35	3	1.20	50	3.6	3	3	1.25
EMH.14.016	M1.6X0.35		0.35	4	1.21	50	3.6	3	3	1.25
EMH.14.018	M1.8X0.35		0.35	4	1.41	50	4.0	3	3	1.45
EMH.14.020	M2X0.4		0.4	4	1.55	50	4.4	3	3	1.60
EMH.14.020B	M2X0.4		0.4	6	1.55	60	4.4	3	3	1.60
EMH.14.022B	M2.2X0.45		0.45	6	1.65	60	4.9	3	3	1.75
EMH.14.022	M2.2X0.45		0.45	4	1.65	50	4.9	3	3	1.75
EMH.14.025B	M2.5X0.45		0.45	6	1.95	60	5.5	3	3	2.05
EMH.14.025	M2.5X0.45		0.45	4	1.95	50	5.5	3	3	2.05
EMH.14.030	M3X0.5	M3.5-M16X0.5	0.5	4	2.40	50	6.5	3	3	2.50
EMH.14.030B	M3X0.5	M3.5-M16X0.5	0.5	6	2.40	60	6.5	3	3	2.50
EMH.14.035B	M3.5X0.6		0.6	6	2.75	60	7.6	3	3	2.90
EMH.14.035	M3.5X0.6		0.60	4	2.75	50	7.6	3	3	2.90
EMH.14.040	M4X0.7		0.70	4	3.15	50	8.7	3	3	3.30
EMH.14.040B	M4X0.7		0.7	6	3.15	60	8.7	3	3	3.30
EMH.14.050	M5X0.8		0.80	4	4.00	50	10.8	3	3	4.20
EMH.14.050B	M5X0.8		0.8	6	4.05	60	10.8	3	3	4.20
EMH.14.060B	M6X1.0		1.00	4	4.00	50	10.8	3	3	5.00
EMH.14.060C	M6X1.0	M8-M40X1.0	1.0	6	4.80	60	13.0	4	3	5.00
EMH.14.080	M8X1.25		1.25	6	6.00	60	17.5	4	3	6.80
EMH.14.08065	M8X1.25		1.25	8	6.50	65	17.5	4	3	6.80
EMH.14.10075	M10X1.5	M12-M48X1.50	1.50	10	8.20	75	21.5	4	3	8.50
EMH.14.100	M10X1.5		1.50	8	7.90	65	21.5	4	3	8.50
EMH.14.12075	M12X1.75		1.75	12	9.90	75	25.0	4	3	10.30
EMH.14.120	M12X1.75		1.75	10	9.90	75	25.0	4	3	10.30
EMH.14.140	M14X2		2.00	10	9.90	82	30.0	4	3	12.00
EMH.14.14082	M14X2		2.00	12	11.60	82	30.0	4	3	12.00
EMH.14.160	M16X2.0		2.00	12	11.90	82	32.0	4	3	14.00
EMH.14.200	M20X2.5		2.50	16	15.90	100	41.3	5	3	17.50

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制制作。

* 螺纹最小底孔直径

ISO公制螺旋槽铣牙刀



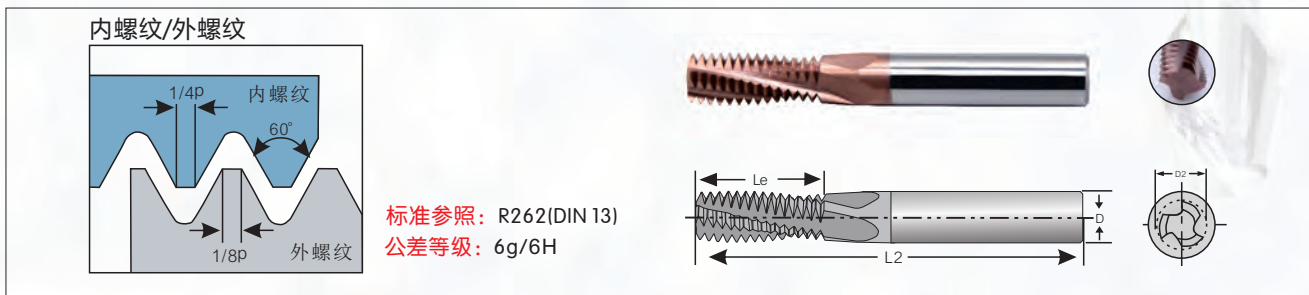
ISO公制三牙螺旋槽铣牙刀

EMH.43: Interl Thread Milling Cutters - Tri-Form - ISO Metric threads

3xD0 (L1≤3x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	M粗牙	M细牙	mm	D	D2	L2	L1	Z	Zt	mm
EMH.43.001	M1.6X0.35		0.35	3	1.20	50	5.0	3	3	1.25
EMH.43.002	M2X0.4		0.4	3	1.55	50	6.2	3	3	1.6
EMH.43.003	M2X0.4		0.4	6	1.55	60	6.2	3	3	1.6
EMH.43.004	M2.5X0.45		0.45	3	1.95	50	7.7	3	3	2.05
EMH.43.005	M2.5X0.45		0.45	6	1.95	60	7.7	3	3	2.05
EMH.43.006	M3X0.5	M3.5-M16X0.5	0.5	3	2.40	50	9.2	3	3	2.5
EMH.43.007	M3X0.5	M3.5-M16X0.5	0.5	6	2.40	60	9.2	3	3	2.5
EMH.43.008	M4X0.7		0.7	6	3.15	60	12.3	3	3	3.3
EMH.43.009	M5X0.8		0.8	6	4.05	60	15.4	3	3	4.2
EMH.43.010	M6X1.0	M8-M40X1.0	1.00	6	4.80	60	18.5	4	3	5.0
EMH.43.011	M8X1.25		1.25	8	6.50	65	24.6	4	3	6.8

ISO公制螺纹铣牙刀



ISO公制全牙螺旋槽铣牙刀-外螺纹

EMH.42: External Thread Milling Cutters - Full Form - ISO Metric Threads

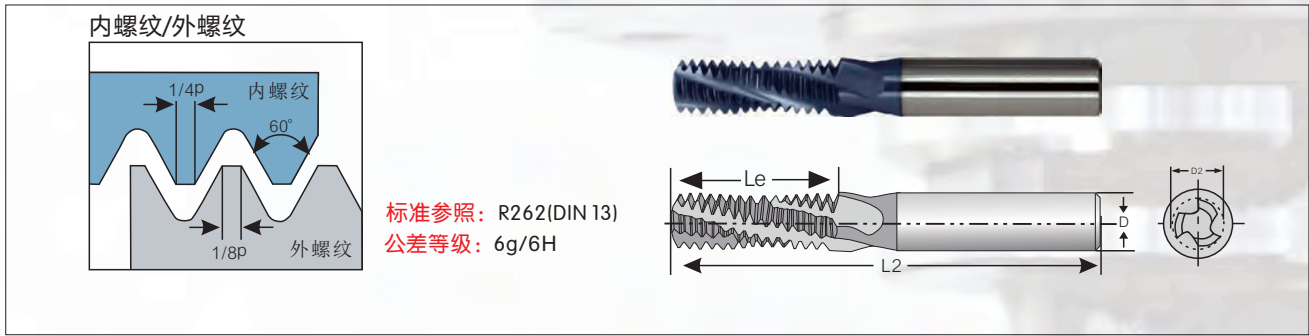
2xD0 (Le≤2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿
Ex Thread	M粗牙	mm	D	D2	L2	Le	Z	Zt
EMH.42.001	M3X0.5	0.50	4	3.9	45	6.0	3	12
EMH.42.002	M4.5X0.75	0.75	4	3.9	45	9.0	3	12
EMH.42.003	M6X1.0	1.00	4	3.9	45	12.0	3	12
EMH.42.004	M8X1.25	1.25	6	5.9	57	16.25	3	13
EMH.42.005	M10X1.5	1.50	8	7.9	63	21.0	3	14
EMH.42.006	M14X2.0	2.00	10	9.9	73	28.0	4	14

以上产品未列明细的非标规格尺寸或产品参数, 可根据客户需求订制制作。

* 螺纹最小底孔直径

ISO公制螺纹铣牙刀



ISO公制螺旋槽铣牙刀-内螺纹

EMH.18: Internal Thread Milling Cutters - Full Form - ISO Metric Threads

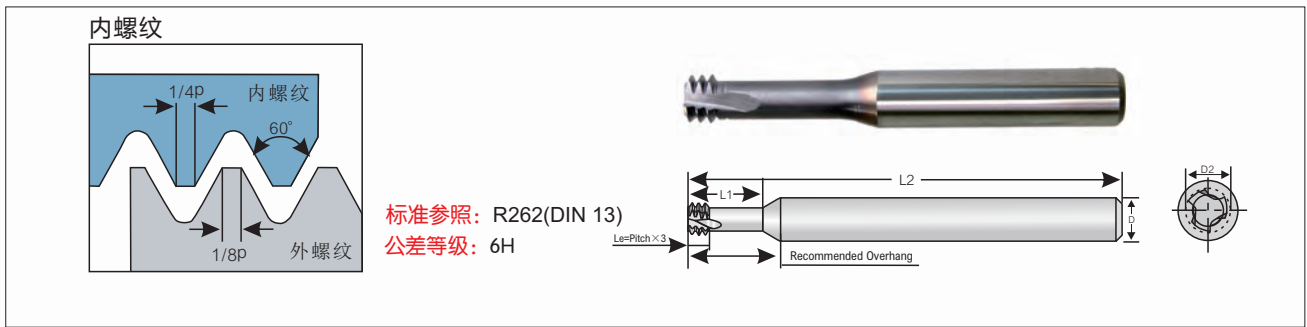
2xD0 (Le ≤ 2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸			Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*	
In Thread	M粗牙	M细牙	mm	D	D2	L2	Le	Z	Zt	mm
EMH.18.030	M3X0.5	M3.5-M16X0.5	0.50	4	2.40	50	6.0	3	12	2.50
EMH.18.040		M4X0.5	0.50	4	3.20	50	8.0	3	16	3.50
EMH.18.050		M5X0.5	0.50	4	3.90	50	10.0	3	20	4.50
EMH.18.080		M8X0.5	0.50	6	5.90	60	16.0	4		7.50
EMH.18.040B	M4X0.7		0.70	4	3.15	50	8.4	3	12	3.30
EMH.18.050C	M5X0.8		0.80	4	3.90	50	10.0	3	13	4.20
EMH.18.050A	M5X0.8		0.80	6	3.90	60	12.0	3	15	4.20
EMH.18.060		M6X0.75	0.75	4	3.90	50	12.0	3	16	5.30
EMH.18.060A		M6X0.75	0.75	6	5.00	60	12.0	4	16	5.25
EMH.18.080A		M8X0.75	0.75	6	5.90	60	16.0	4	20	7.25
EMH.18.100		M10X0.75	0.75	8	7.90	65	21.0	4	28	9.25
EMH.18.060B	M6X1.0	M8-M40X1.0	1.00	4	3.90	50	12.0	3	12	5.00
EMH.18.060C	M6X1.0		1.00	6	4.80	60	12.0	4	12	5.00
EMH.18.080B		M8X1.0	1.00	6	5.90	60	16.0	4	16	7.00
EMH.18.080D		M8X1.0	1.00	8	6.80	65	20.0	4	20	7.00
EMH.18.100A		M10X1.0	1.00	8	7.90	65	20.0	4	20	9.00
EMH.18.100B		M10X1.0	1.00	10	8.20	75	25.0	4	25	9.00
EMH.18.120		M12X1.0	1.00	10	9.90	75	24.0	4	24	11.00
EMH.18.080C	M8X1.25		1.25	6	5.90	60	16.00	4	13	6.80
EMH.18.080E	M8X1.25		1.25	8	6.50	65	20.0	4		6.80
EMH.18.100C		M10X1.25	1.25	8	7.90	65	20.0	4	16	8.80
EMH.18.120A		M12X1.25	1.25	10	9.90	75	24.0	4		10.25
EMH.18.100D	M10X1.5	M12-M48X1.5	1.50	8	7.90	65	21.0	4	14	8.50
EMH.18.100E	M10X1.5		1.50	10	8.20	75	26.0	4		8.50
EMH.18.120B		M12X1.5	1.50	10	9.90	75	24.0	4	16	10.50
EMH.18.120C		M12X1.5	1.50	12	9.90	75	30.0	4		10.50
EMH.18.140		M14X1.5	1.50	12	11.90	82	28.0	4	19	12.50
EMH.18.160		M16X1.5	1.50	14	13.90	100	32.0	4		14.50
EMH.18.120E	M12X1.75		1.75	10	9.90	75	24.5	4	14	10.20
EMH.18.120D	M12X1.75		1.75	12	9.90	75	30.0	4		10.20
EMH.18.140A	M14X2.0	M17-M80X2.0	2.00	10	9.90	82	28.0	4	14	12.00
EMH.18.140B	M14X2.0		2.00	12	11.60	82	28.0	4		12.00
EMH.18.160B	M16X2.0	M17-M80X2.0	2.00	12	11.90	82	32.0	4	16	14.00
EMH.18.180	M18-M22-2.5		2.50	14	13.90	100	35.0	4	14	15.50
EMH.18.200	M20-M22-2.5		2.50	16	15.90	103	40.0	5	16	17.50
EMH.18.240	M24X3.0		3.00	16	15.90	103	42.0	5	14	21.00
EMH.18.240A	M24X3.0		3.00	20	19.90	110	48.0	5	16	21.00
EMH.18.300	M30X3.5		3.50	20	19.90	110	63.0	5	18	26.50

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制作。

* 螺纹最小底孔直径

铝用公制三牙螺旋槽铣牙刀



铝用公制三牙螺旋槽铣牙刀

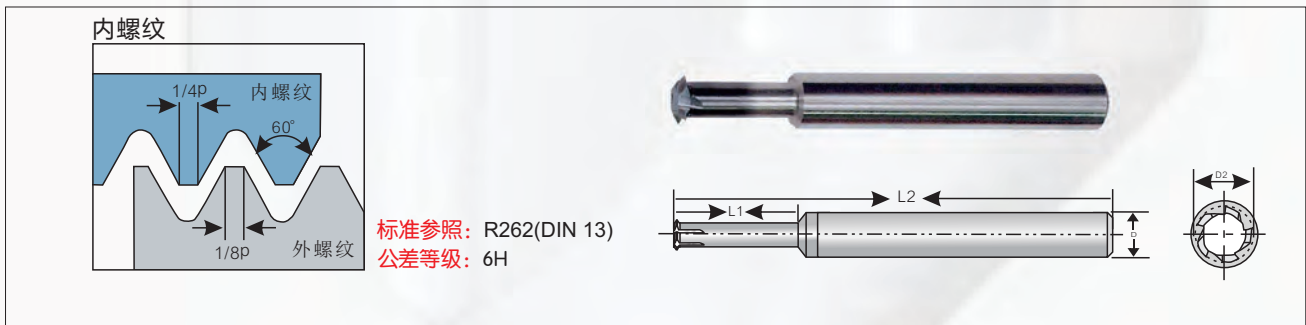
EMH.48: Internal Thread Milling Cutters For Aluminum - Tri-Form - ISO Metric Threads

2xD0 (L1≤2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
	In Thread	M粗牙		M细牙	mm	D	D2			
EMH.48.001	M0.9X0.225		0.225	4	0.65	50	2.0	3	3	0.68
EMH.48.002	M1X0.25		0.25	4	0.73	50	2.3	3	3	0.75
EMH.48.003	M1.2X0.25		0.25	4	0.92	50	2.8	3	3	0.95
EMH.48.004	M1.4X0.3		0.30	4	1.05	50	3.1	3	3	1.10
EMH.48.005	M1.6X0.35		0.35	4	1.20	50	3.6	3	3	1.25
EMH.48.006	M1.8X0.35		0.35	4	1.41	50	4.0	3	3	1.45
EMH.48.007	M2X0.4		0.4	4	1.55	50	4.4	3	3	1.60
EMH.48.008	M2.2X0.45		0.45	4	1.65	50	4.9	3	3	1.75
EMH.48.009	M2.5X0.45		0.45	4	1.96	50	5.5	3	3	2.05
EMH.48.010	M3X0.5	M3.5-M16X0.5	0.5	4	2.40	50	6.5	3	3	2.50
EMH.48.011	M3.5X0.6		0.60	4	2.75	50	7.6	3	3	2.90
EMH.48.012	M4X0.7		0.70	4	3.15	50	8.7	3	3	3.30
EMH.48.013	M5X0.8		0.80	4	4.00	50	10.8	3	3	4.20
EMH.48.014	M6X1.0	M8-M40X1.0	1.0	6	4.80	60	13.0	4	3	5.00
EMH.48.015	M8X1.25		1.25	6	6.00	60	17.5	4	3	6.80
EMH.48.016	M10X1.5		1.50	8	7.90	65	21.5	4	3	8.50
EMH.48.017	M12X1.75		1.75	10	9.90	75	25.0	4	3	10.30
EMH.48.018	M14X2		2.00	10	9.90	82	30.0	4	3	12.00
EMH.48.019	M16X2.0		2.00	12	11.90	82	32.0	4	3	14.00

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制制作。

ISO公制单牙铣牙刀



铝用公制单牙螺旋槽铣牙刀-深孔加工

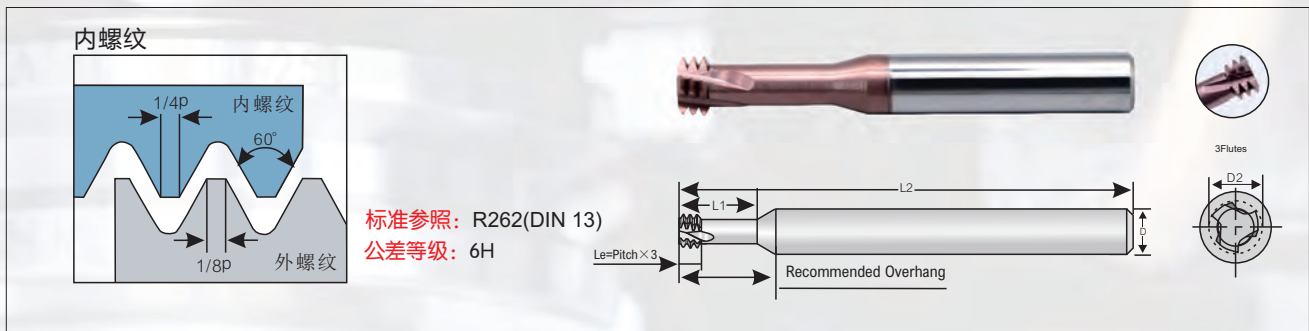
EMH.26: Internal Thread Milling Cutters For Aluminum - Single Form - ISO Metric Threads

3xD0 (L1≤3x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	M粗牙	mm	D	D2	L2	L1	Z	Zt	mm
EMH.26.010	M1X0.25	0.25	4	0.70	50	3.5	3	1	0.75
EMH.26.012	M1.2X0.25	0.25	4	0.90	50	4.2	3	1	0.95
EMH.26.014	M1.4X0.3	0.30	4	1.05	50	4.2	3	1	1.10
EMH.26.016	M1.6X0.35	0.35	4	1.20	50	5.6	3	1	1.25
EMH.26.018	M1.8X0.35	0.35	4	1.41	50	6.6	3	1	1.45
EMH.26.020	M2.0X0.4	0.40	4	1.55	50	6.6	3	1	1.60
EMH.26.022	M2.2X0.45	0.45	4	1.70	50	6.6	3	1	1.75
EMH.26.025	M2.5X0.45	0.45	4	1.96	50	8.0	3	1	2.05
EMH.26.030	M3X0.5	0.50	4	2.40	50	10.0	3	1	2.50
EMH.26.040	M4X0.7	0.70	4	3.15	50	13.0	3	1	3.30
EMH.26.050	M5X0.8	0.80	4	3.90	50	16.0	3	1	4.20
EMH.26.060	M6×1	1.00	6	4.80	60	19.0	4	1	5.00
EMH.26.080	M8×1.25	1.25	6	5.90	60	26.0	4	1	6.80
EMH.26.100	M10×1.5	1.50	8	7.90	65	32.0	4	1	8.50
EMH.26.120	M12×1.75	1.75	10	9.90	82	38.0	4	1	10.30
EMH.26.160	M16×2	2.00	12	11.90	100	50.0	4	1	14.00

以上产品未列明细的非标规格尺寸或产品参数, 可根据客户需求定制制作。

加长柄三牙螺旋槽铣牙刀



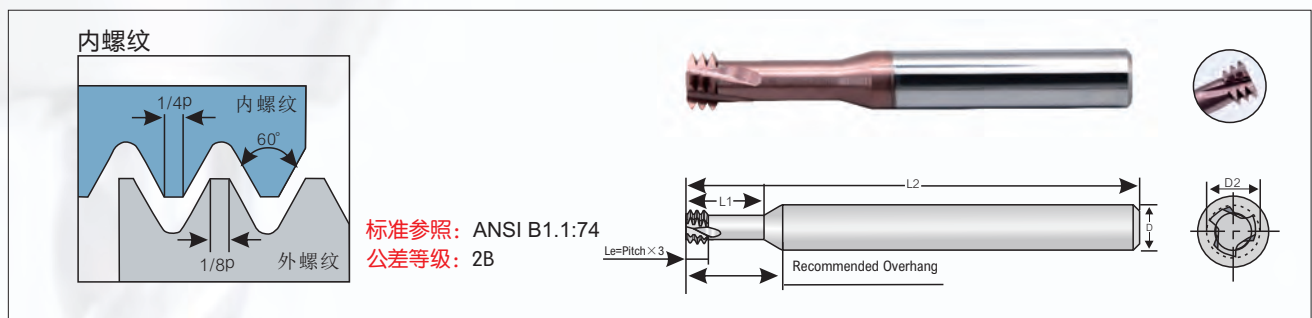
公制加长型螺旋槽铣牙刀

EMH.44: Internal Thread Milling Cutters- Micro Tri-Tooth - ISO Metric Threads

2xD0 (L1 ≤ 2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*	
	In Thread	M粗牙		M细牙	mm	D	D2				L2
EMH.44.001		M2X0.4		0.40	6	1.55	100	4.2	3	3	1.6
EMH.44.002		M2.5X0.45		0.45	6	1.95	100	5.2	3	3	2.05
EMH.44.003		M3X0.5	M3.5-M16X0.5	0.50	6	2.40	100	6.2	3	3	2.5
EMH.44.004		M4X0.7		0.70	6	3.15	100	8.7	3	3	3.3
EMH.44.005		M5X0.8		0.80	6	4.05	100	10.8	4	3	4.2
EMH.44.006		M6X1.0	M8-M40X1.0	1.00	6	4.80	100	13.0	4	3	5.0
EMH.44.007		M10X1.5	M12-M48X1.50	1.50	8	7.90	100	21.5	4	3	8.5
EMH.44.008		M12X1.75		1.75	10	9.90	100	25.0	4	3	10.30

美制UN加长型螺旋槽铣牙刀



美制UN加长型螺旋槽铣牙刀

EMH.45: Internal Thread Milling Cutters- Micro Tri-Tooth with Extra Length -UN Threads

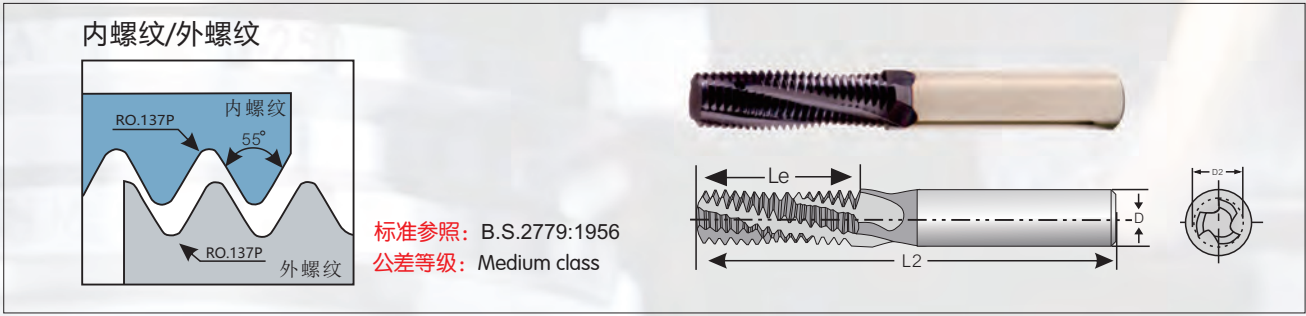
2xD0 (L1 ≤ 2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*	
	In Thread	UNC		UNF	TIP	D	D2				L2
EMH.45.001		No.2-56		56	6	1.65	100	5.0	3	3	1.8
EMH.45.002		No.4, No.5-40		40	6	2.10	100	6.0	3	3	2.3
EMH.45.003		No.6, No.8-32		32	6	2.55	100	7.4	3	3	2.8
EMH.45.004		No.8-32		32	6	3.20	100	10.0	3	3	3.4

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制制作。

* 螺紋最小底孔直徑

BSP(G)螺旋槽铣牙刀



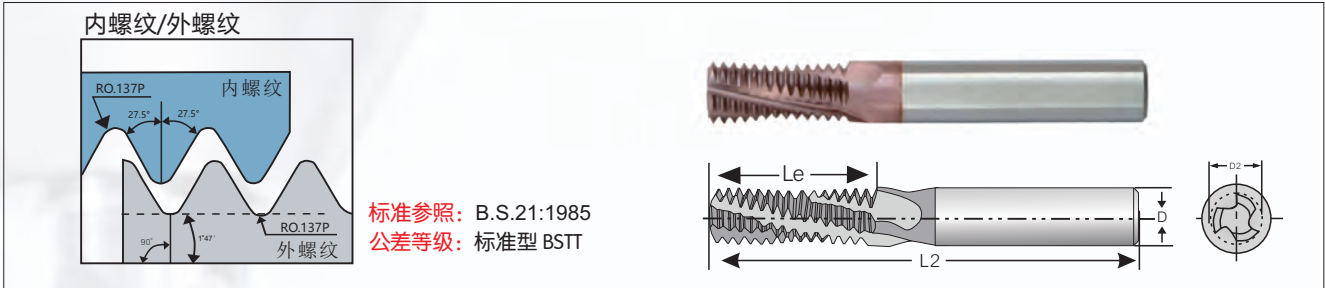
BSP (G) 螺旋槽铣牙刀

EMH.29: Internal Thread Milling Cutters- Full Form -BSP(G) Threads

2xD0 (Le ≤ 2x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
			TIP	D	D2	L2			
EMH.29.001	1/16"X28, 1/8"X28	28	6	5.8	60	16.3	3	18	6.7
EMH.29.002	1/8"x28	28	8	7.7	65	20.0	3	22	8.7
EMH.29.003	1/4"X19, 3/8"X19	19	10	9.9	75	26.7	4	20	11.8
EMH.29.004	3/8"X19	19	16	13.4	103	33.4	4	25	15.2
EMH.29.005	1/2", 3/4"X14	14	16	15.7	103	43.5	5	24	19.0
EMH.29.006	1", 1 1/2", 2", 2 1/2"X11	11	20	19.9	103	41.6	5	18	30.7

BSPT



BSPT螺纹槽铣牙刀

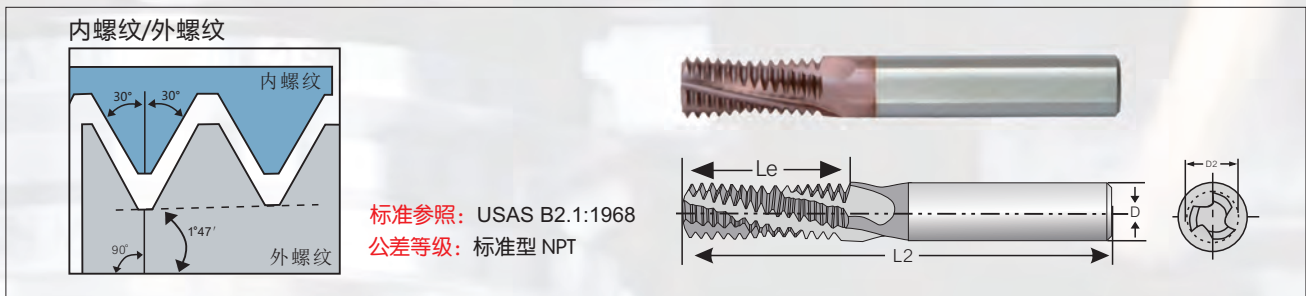
EMH.30: Internal Thread Milling Cutters- Full Form -BSPT Threads

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
			TIP	D	D2	L2			
EMH.30.001	1/16"X28	28	6	5.8	60	16.3	3	18	6.7
EMH.30.002	1/8"x28	28	8	7.7	65	20.0	3	22	8.7
EMH.30.003	1/4"X19	19	10	9.9	75	26.7	4	20	11.8
EMH.30.004	3/8"X19	19	16	13.4	103	33.4	4	25	15.2
EMH.30.005	1/2", 3/4"X14	14	16	15.7	103	43.5	5	24	19.0
EMH.30.006	1", 1 1/2", 2", 2 1/2"X11	11	20	19.9	103	41.6	5	18	30.7

以上产品未列明细的非标规格尺寸或产品参数, 可根据客户需求订制制作。

* 螺纹最小底孔直径

NPT

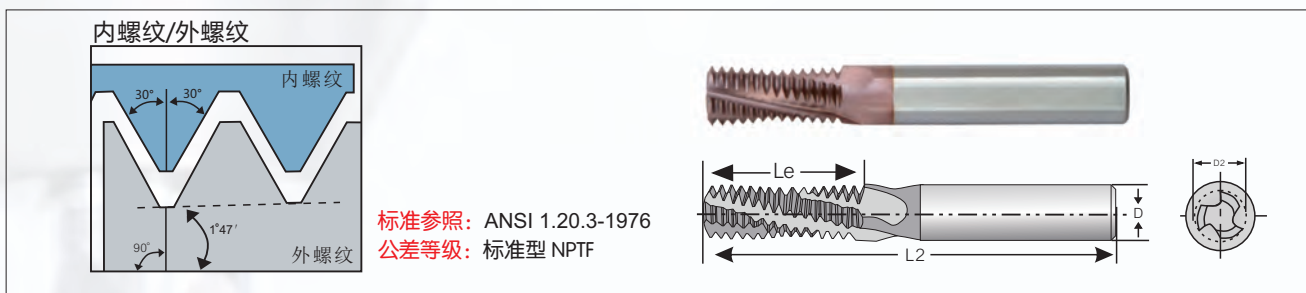


NPT螺旋槽铣牙刀

EMH.31: Internal Thread Milling Cutters- Full Form -NPT Threads

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	标准型	TIP	D	D2	L2	Le	Z	Zt	mm
EMH.31.001	1/16"X27	27	6	5.3	60	9.4	3	10	6.3
EMH.31.002	1/8"x27	27	8	7.5	65	9.4	4	10	8.5
EMH.31.003	1/4"X18	18	10	9.4	75	14.1	4	10	11.1
EMH.31.004	3/8"X18	18	12	11.9	82	14.1	4	10	14.5
EMH.31.005	1/2",3/4"X14	14	16	15.5	103	25.4	5	14	17.7,23.0
EMH.31.006	1"-2"X11.5	11.5	20	19.9	103	33.1	5	15	29.0-56.0
EMH.31.007	2 1/2",3"X8	8	20	19.9	103	38.1	4	12	66.5

NPTF



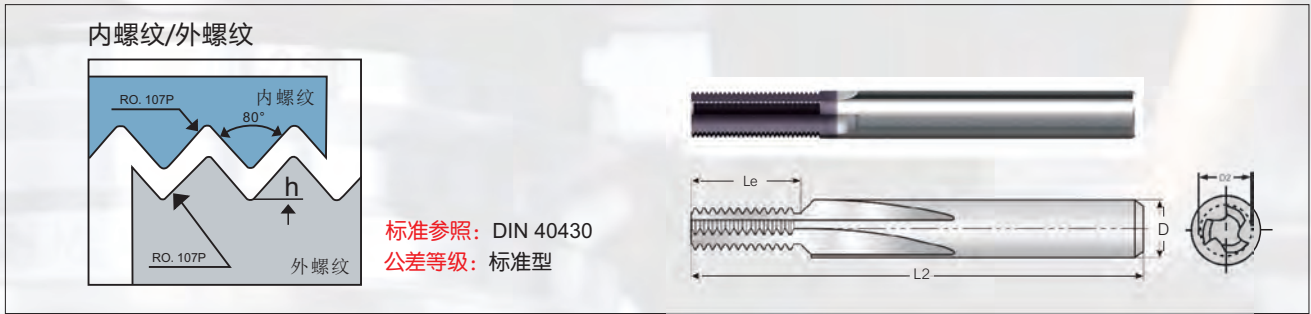
NPTF螺旋槽铣牙刀

EMH.32: Internal Thread Milling Cutters- Full Form -NPTF Threads

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	标准型	TIP	D	D2	L2	Le	Z	Zt	mm
EMH.32.001	1/16"X27	27	6	5.3	60	9.4	3	10	6.3
EMH.32.002	1/8"X27	27	8	7.5	65	9.4	4	10	8.4
EMH.32.003	1/4"X18	18	10	9.4	75	14.1	4	10	11.1
EMH.32.004	3/8"X18	18	12	11.9	82	14.1	4	10	14.7
EMH.32.005	1/2",3/4"X14	14	16	15.5	103	25.4	5	14	17.79,23.4
EMH.32.006	1"-2"X11.5	11.5	20	19.9	103	33.1	5	15	29.4-56.2
EMH.32.007	2 1/2",3"X8	8	20	19.9	103	38.1	4	12	67.0

以上产品未列明细的非标规格尺寸或产品参数, 可根据客户需求订制制作。

PG 满牙/三牙/单牙直槽纹铣刀

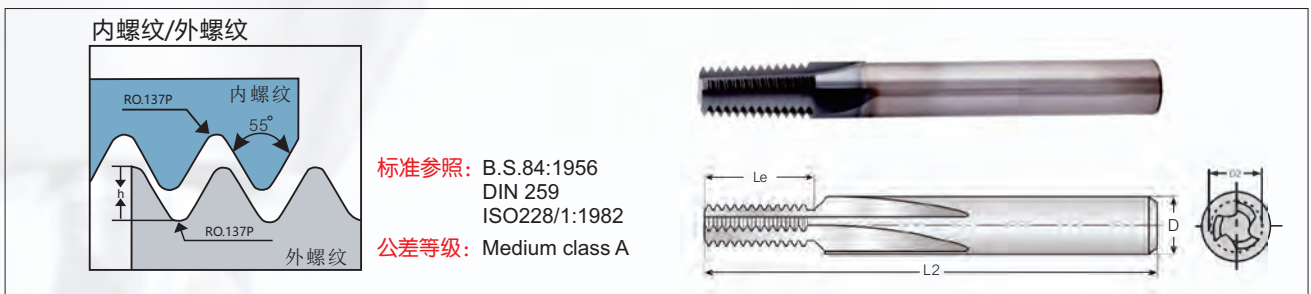


PG直槽铣牙刀 (全牙/三牙/单牙)

EMH.46: Straight Flute Thread Milling - Single/Tri/Full Tooth -PG Threads

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	hmm
			TIP	D	D2	L2			
In Thread EX Thread									
EMH.46.001	Pg7	20	8	7.90	65	19.05	3	15	0.61
EMH.46.002	PG9,11,13.5,16	18	10	9.90	75	23.99	5	17	0.7
EMH.46.003	PG21,29,36,42,48	16	12	11.90	82	28.58	5	18	0.76
EMH.46.004	PG7	20	8	7.90	65	19	5	3	0.61
EMH.46.005	PG9,11,13.5,16	18	10	9.90	75	24	5	3	0.7
EMH.46.006	PG21,29,36,42,48	16	12	11.90	82	29	5	3	0.76
EMH.46.007	PG7	20	8	7.90	65	19	5	1	0.61
EMH.46.008	PG9,11,13.5,16	18	10	9.90	75	24	5	1	0.7
EMH.46.009	PG21,29,36,42,48	16	12	11.90	82	29	5	1	0.76

BSW英制螺纹槽铣牙刀



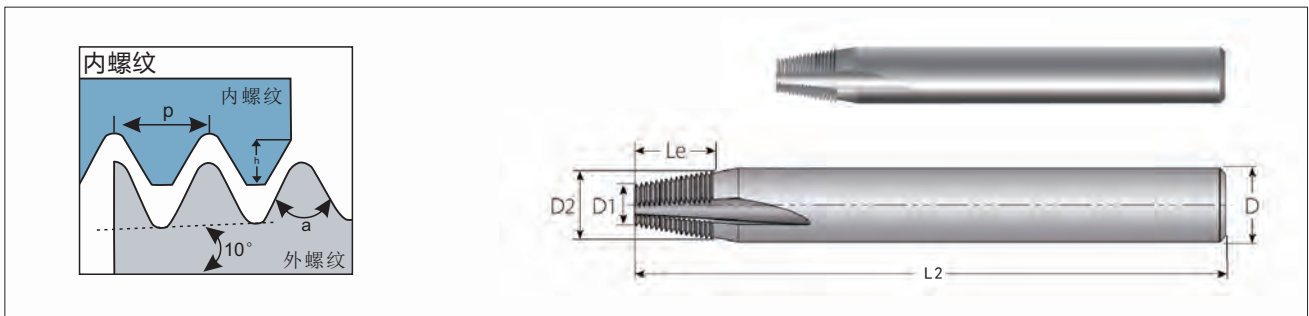
BSW英制螺纹槽铣牙刀

EMH.47: Spiral Flute Thread Milling - Full Tooth -BSW Threads

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	hmm
			TIP	D	D2	L2			
In Thread EX Thread	Min. Dia								
EMH.47.001	1/4"	20	6	4.00	60	10.16	3	8	0.81
EMH.47.002	5/16"	18	6	5.00	60	11.29	3	8	0.90
EMH.47.003	3/8"	16	6	5.90	60	14.29	3	9	1.02
EMH.47.004	7/16"	14	8	7.90	65	18.41	3,5*	10	1.16
EMH.47.005	1/2"	12	8	7.90	65	19.05	3,5*	9	1.36
EMH.47.006	5/8"	11	10	9.90	75	23.09	5	10	1.48
EMH.47.007	3/4"	10	12	11.90	82	27.94	5	11	1.63
EMH.47.008	7/8"	9	12	11.90	82	28.22	5	10	1.81
EMH.47.009	1"	8	16	15.90	103	38.10	5	12	2.03
EMH.47.010	1 1/8"	7	16	15.90	103	36.29	5	10	2.32
EMH.47.011	1 3/8"	6	16	15.90	103	38.10	5	9	2.71
EMH.47.012	1 5/8"	5	20	19.90	103	40.64	5	8	3.25
EMH.47.013	1 7/8"	4.5	20	19.90	103	39.51	5	7	3.61

以上产品未列明细的非标规格尺寸或产品参数, 可根据客户需求订制制作。

骨板60° , 55° 锥螺纹



螺旋槽锥度60° 铣牙刀

EMH.33: Spiral Flute Taper 60° Thread Cutter - on Boving Cortical Bone

骨板加工的TM螺旋槽铣牙刀

UNT EDP# 订货代码	Pitch 螺距	Conical 锥形	Tooth angle 牙型角	Tooth angle 牙高	Metric size 尺寸					Crest 排屑槽数	Flute 刀齿
In Thread	mm		a	h	D	D2	D1	L2	Le	Z	Zt
EMH.33.001	0.4	20°	60°	0.2	6	5.9	3.2	60	8.0	8.0	20
EMH.33.002	0.5	20°	60°	0.25	6	5.9	2.9	60	9.0	9.0	18

螺旋槽锥度55° 铣牙刀

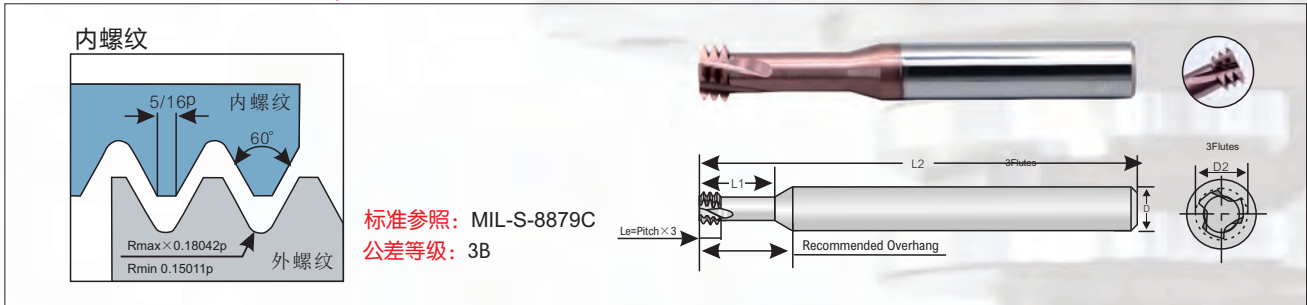
EMH.34: Spiral Flute Taper 55° Thread Cutter - on deep holes process

深部螺纹加工-用于深孔的长刀具

UNT EDP# 订货代码	Pitch 螺距	Conical 锥形	Tooth angle 牙型角	Tooth angle 牙高	Metric size 尺寸					Crest 排屑槽数	Flute 刀齿
In Thread	mm		a	h	D	D2	D1	L2	Le	Z	Zt
EMH.34.001	0.3	20°	55°	0.18	3	2.8	1.5	38	3.9	3	13
EMH.34.002	0.35	20°	55°	0.20	4	3.9	1.8	50	6.3	3	18
EMH.34.003	0.4	20°	55°	0.29	6	5.9	2.5	60	10.0	3	25
EMH.34.004	0.5	20°	55°	0.33	6	5.9	2.9	60	9.0	3	18
EMH.34.005	0.6	20°	55°	0.47	6	5.9	2.8	60	6.6	3	11

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制制作。

美制航空螺纹 Aerospace thread/UN



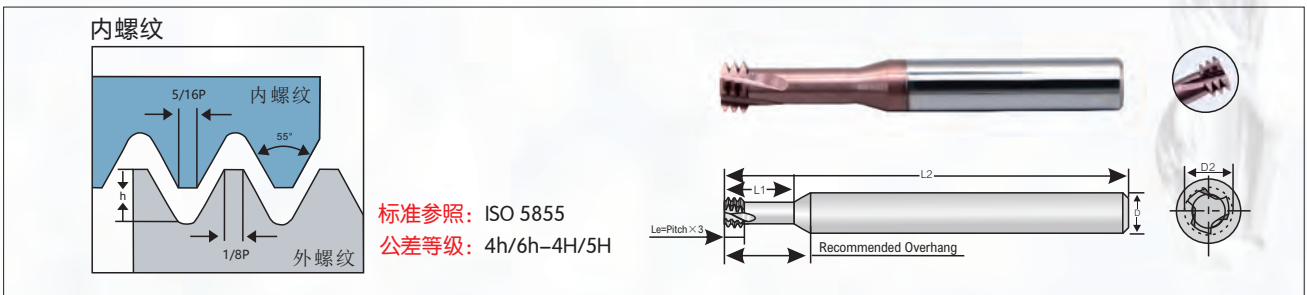
美制航空螺旋槽铣牙刀

EMH.38: Aerospace thread Milling Cutter- Tri-tooth - American UN

3xD0 (L1 ≤ 3x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸			Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*	
In Thread	UNC	UNJF	TIP	D	D2	L2	L1	Z	Zt	mm
EMH.38.001	0.138" (#6)	0.190" (#10)	32	6	2.70	60	11.0	3	3	2.8
EMH.38.002		0.250" (1/4")	28	6	5.40	60	19.5	3	3	5.6
EMH.38.003	0.190" (#10)		24	6	3.70	60	14.9	3	3	4.0
EMH.38.004		0.3125" (5/16")	24	8	6.70	60	24.1	3	3	7.0
EMH.38.005	0.250" (1/4")		20	6	5.00	60	19.5	3	3	5.3
EMH.38.006		0.4375" (7/16")	20	10	9.60	75	33.5	3	3	10.0
EMH.38.007	0.3125" (5/16")	0.5625" (9/16")	18	8	6.40	65	24.1	3	3	6.8
EMH.38.008	0.375" (3/8")	0.750" (3/4")	16	8	7.70	65	29.0	3	3	8.1
EMH.38.009	0.4375" (7/16")	0.875" (7/8")	14	10	9.20	75	33.5	3	3	9.5
EMH.38.010	0.500" (1/2")		13	10	9.90	75	38.5	3	3	11.0

公制航空螺纹 Aerospace thread/ISO



公制航空螺旋槽铣牙刀

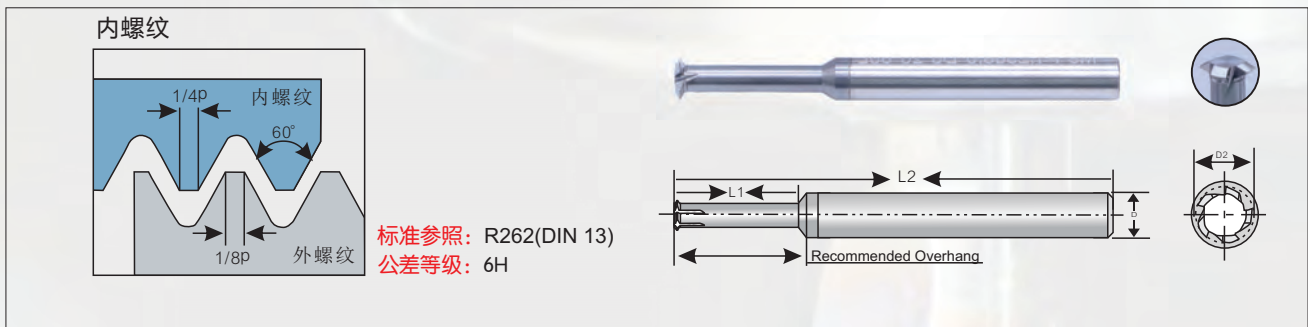
EMH.39: Aerospace thread Milling Cutter- Tri-tooth - ISO Metric

3xD0 (L1 ≤ 3x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸			Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*	
In Thread	标准型	mm	D	D2	L2	Le	Z	Zt	mm
EMH.39.001	MJ3×0.5	0.5	6	2.40	60	9.2	3	3	2.6
EMH.39.002	MJ3.5×0.6	0.6	6	2.85	60	11.0	3	3	3.0
EMH.39.003	MJ4×0.7	0.7	6	3.15	60	12.3	3	3	3.4
EMH.39.004	MJ5×0.8	0.8	6	4.05	60	15.4	3	3	4.3
EMH.39.005	MJ6×1.0	1.0	6	4.80	60	18.5	3	3	5.1
EMH.39.006	MJ8×1.25	1.25	8	6.50	65	24.6	3	3	6.9
EMH.39.007	MJ10×1.5	1.50	10	8.20	75	30.8	3	3	8.7
EMH.39.008	MJ12×1.75	1.75	10	9.90	75	37.0	3	3	10.4
EMH.39.009	MJ14×2	2.0	12	11.90	82	42.5	3	3	12.25

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制作。

ISO公制螺纹--Millipro牙科



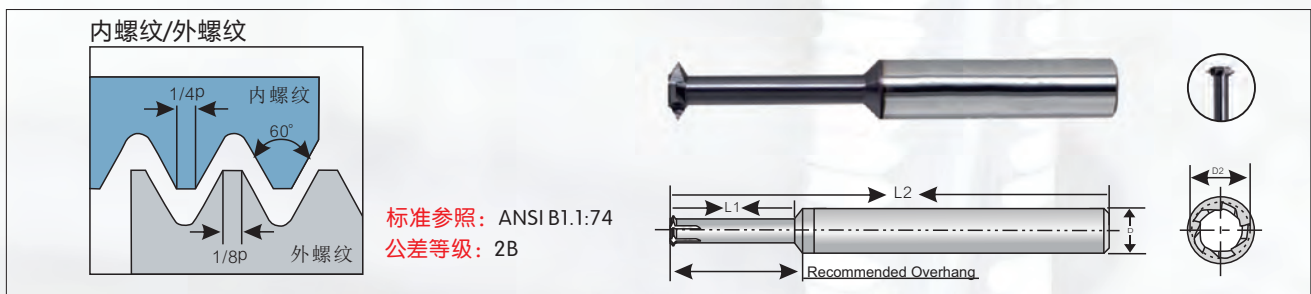
公制牙科小型铣牙刀

EMH.40: Internal Thread Milling Cutters - Single Form - ISO Millipro threads

3xD0 (L1≤3x螺纹直径)

UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸		Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
In Thread	M粗牙	M细牙	mm	D	D2	L2	L1	Z	Zt	mm
EMH.40.001	M1.0X0.25	M1.4X0.25	0.25	3	0.70	38	3.1	3	1	0.75
EMH.40.002	M1.2X0.25	M1.4X0.25	0.25	3	0.90	38	3.8	3	1	0.95
EMH.40.003	M1.4X0.3	—	0.30	3	1.05	38	4.4	3	1	1.15
EMH.40.004	M1.6X0.35	—	0.35	3	1.20	38	5.0	3	1	1.30
EMH.40.005	M1.8X0.35	M2.0X0.35	0.35	3	1.40	38	5.6	3	1	1.50
EMH.40.006	M2.0X0.4	—	0.40	3	1.50	38	6.2	3	1	1.65
EMH.40.007	M2.5X0.45	—	0.45	3	1.95	38	7.7	3	1	2.10

美制UN（不变螺距）--Millipro牙科



美制牙科小型铣牙刀

EMH.41: Miniature Thread Mills for Dental Implants

3xD0 (L1≤3x螺纹直径)

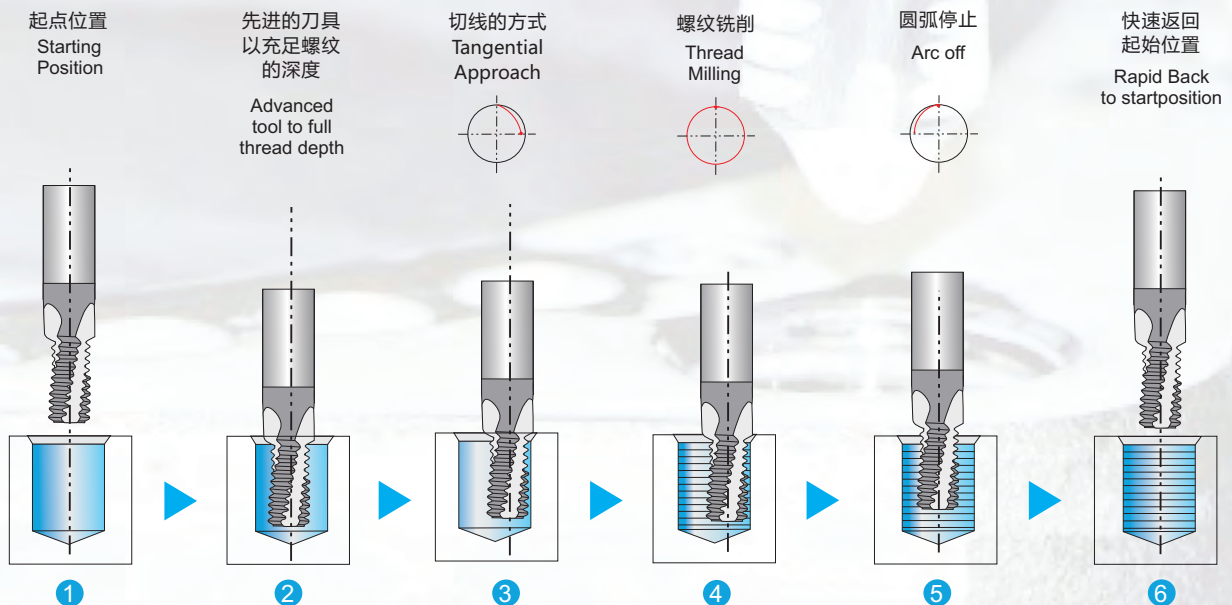
UNT EDP# 订货代码	Nominal Thread Size 可加工螺纹尺寸	Pitch 螺距	Metric size 尺寸				Crest 排屑槽数	Flute 刀齿	Minor Dia 底孔直径*
IN Thread	UNF	TIP	D	D2	L2	L1	Z	Zt	mm
EMH.41.001	0-80	80.00	3	1.15	38	4.6	3	1	1.30
EMH.41.002	1-72	72.0	3	1.45	38	6.5	3	1	1.60

以上产品未列明细的非标规格尺寸或产品参数，可根据客户需求订制制作。

问题解决指南 Trouble Shooting

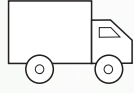
具体问题 Specific Problem	原因 Reason	解决方案 Resolvent
铣刀断损 The end mill is damaged.	<ul style="list-style-type: none"> 进给速度太快，转速太慢 The feed speed is too fast and the speed is too slow 	<ul style="list-style-type: none"> 降低进给速度，或提高转速 Reduce the feed speed or increase the speed
	<ul style="list-style-type: none"> 刃口磨损严重 Cutting edge wear severely 	<ul style="list-style-type: none"> 换刀重磨，或降低切削速度 Change the tool and regrind, or reduce the cutting speed
	<ul style="list-style-type: none"> 排屑不良，粘屑严重 Poor cutting, serious sticky chips 	<ul style="list-style-type: none"> 重选刀具型号，改变冷却方式 Reselect the tool model and change the cooling method
刀刃易崩裂 The blade is easy to crack	<ul style="list-style-type: none"> 进给速度太快，刃口太锋利或刀尖角太尖。 The feed rate is too fast, the cutting edge is too sharp or the tip angle is too sharp 	<ul style="list-style-type: none"> 降低进给速度用金刚锉倒角，使刃口钝化 Chamfering with a diamond file to reduce the feed rate to passivate the cutting edge
刀刃易磨损 Blade is easy to wear	<ul style="list-style-type: none"> 回转速度太快或进给速度太慢 Swing speed is too fast or feed speed is too slow 	<ul style="list-style-type: none"> 降低回转数或提高进给速度 Reduce the number of revolutions or increase the feed speed
	<ul style="list-style-type: none"> 排屑不佳，刀刃粘屑 Poor cutting, serious sticky chips 	<ul style="list-style-type: none"> 选择正确的刀具型号，改善排屑方式 Reselect the tool model and change the cooling method
表面光洁度不佳 Poor surface finish	<ul style="list-style-type: none"> 刀具磨损严重 Severe tool wear 	<ul style="list-style-type: none"> 更换刀具 Replace tool
	<ul style="list-style-type: none"> 刀具研磨后精度不高 The precision of the tool after grinding is not high 	<ul style="list-style-type: none"> 精加工推荐使用新刀具 New tools are recommended for finishing
螺纹表面不光滑，有波纹 The thread surface is not smooth and has ripples	<ul style="list-style-type: none"> 工件材料太软 Workpiece material is too soft 	<ul style="list-style-type: none"> 进行热处理，适当提高工件硬度 Heat treatment to increase the hardness of the workpiece
	<ul style="list-style-type: none"> 切削液选择不当 Mproper choice of cutting fluid 	<ul style="list-style-type: none"> 选用润滑性好的切削液 Use cutting fluid with good lubricity
	<ul style="list-style-type: none"> 攻丝切削速度太高 Tapping cutting speed is too high 	<ul style="list-style-type: none"> 适当降低切削速度 Appropriately reduce cutting speed

参考说明 Explanation of Parameters



售后服务

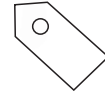
After sales service



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