

Advent[®]
Tool and Manufacturing Inc.



**美国万特螺纹铣刀-III
-整体硬质合金铣刀产品目录**



中国独家总代理：

苏尼克新材料科技（苏州）有限公司

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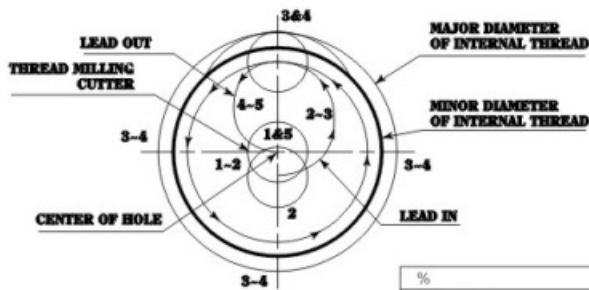
www.xunictech.com, xunictech.1688.com

推荐初始切割参数

材料	材料硬度	材料加工性	SFM	整体 每槽的切削量 刀具尺寸								可替换式螺纹铣刀 每槽的切削量 刀具尺寸							
				1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	3/8"	1/2"	3/4"	1"	1 1/2"	2"	2 3/4"	
Titanium Alloys Annealed, Alloys S	320-370	Difficult	110-150	0.0003-	0.0003-	0.0005	0.0005-	0.0010-	0.0010-	0.0010-	0.0020-	0.0003	0.0003-	0.0005-	0.0010-	0.0010-	0.0020		
	375-420	Difficult	80-100	0.0006	0.0008	0.0010	0.0012	0.0020	0.0020	0.0020	0.0030	0.0006	0.0008	0.0010	0.0012	0.0020	0.0030		
	100-150	Easy	900	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	150-200	Easy	700	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	200-250	Easy	500	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
Low Carbon Steel 1010, 1020, 1025, 1522, 1144	85-125	Average	900	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	125-175	Average	700	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	175-225	Average	600	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
Medium Carbon Steel 1010, 1040, 1050, 1527, 1140	225-275	Average	500	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	175-225	Average	575	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	225-275	Average	500	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	125-175	Average	450	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	275-325	Average	400	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
Alloy Steel 4140, 5140, 8640	125-175	Average	575	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	175-225	Average	500	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	225-275	Average	450	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	275-325	Average	400	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	325-375	Difficult	375	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
High Strength Alloy 4340, 4330V, 300M	225-300	Average	450	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	300-350	Difficult	400	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	350-400	Difficult	350	0.0004	0.0005	0.0006	0.0008	0.0010	0.0013	0.0018	0.0020	0.0008	0.0009	0.0010	0.0012	0.0015	0.0025		
	100-150	Average	600	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	150-250	Average	500	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
High Temperature Alloy Hastealloy B, Inconel 600	250-350	Difficult	450	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	140-220	Difficult	120	0.0003	0.0004	0.0006	0.0008	0.0009	0.0010	0.0012	0.0015	0.0005	0.0006	0.0008	0.0010	0.0015	0.0025		
	220-310	Difficult	90	0.0003	0.0004	0.0006	0.0008	0.0009	0.0010	0.0012	0.0015	0.0005	0.0006	0.0008	0.0010	0.0015	0.0025		
	135-185	Difficult	525	0.0004	0.0005	0.0006	0.0008	0.0009	0.0010	0.0015	0.0020	0.0005	0.0007	0.0009	0.0015	0.0020	0.0030		
	185-275	Difficult	500	0.0004	0.0005	0.0006	0.0008	0.0009	0.0010	0.0015	0.0020	0.0005	0.0007	0.0009	0.0015	0.0020	0.0030		
Stainless Steel 303, 416, 420	185-275	Difficult	300	0.0004	0.0005	0.0006	0.0008	0.0009	0.0010	0.0015	0.0020	0.0005	0.0007	0.0009	0.0015	0.0020	0.0030		
	275-325	Difficult	150	0.0004	0.0005	0.0006	0.0008	0.0009	0.0010	0.0015	0.0020	0.0005	0.0007	0.0009	0.0015	0.0020	0.0030		
	150-200	Difficult	575	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	200-250	Difficult	500	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0010	0.0012	0.0015	0.0020	0.0030		
	30	Easy	1100	0.0005	0.0006	0.0009	0.0010	0.0015	0.0020	0.0025	0.0030	0.0015	0.0020	0.0025	0.0030	0.0040	0.0060		
Cast Aluminum - up to 10% Silicon	180	Easy	1000	0.0005	0.0006	0.0009	0.0010	0.0015	0.0020	0.0025	0.0030	0.0015	0.0020	0.0025	0.0030	0.0040	0.0060		
	120	Easy	625	0.0005	0.0006	0.0009	0.0010	0.0015	0.0020	0.0025	0.0030	0.0015	0.0020	0.0025	0.0030	0.0040	0.0060		
	120-150	Easy	675	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0012	0.0015	0.0020	0.0030	0.0050		
Cast Iron Gray, Ductile, Nodular	150-200	Easy	625	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0012	0.0015	0.0020	0.0030	0.0050		
	200-220	Easy	575	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0012	0.0015	0.0020	0.0030	0.0050		
	220-260	Average	500	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0012	0.0015	0.0020	0.0030	0.0050		
	260-320	Average	475	0.0004	0.0005	0.0007	0.0009	0.0010	0.0015	0.0020	0.0025	0.0008	0.0012	0.0015	0.0020	0.0030	0.0050		
	30-125	Easy	1,100	0.0005	0.0006	0.0009	0.0010	0.0015	0.0020	0.0025	0.0030	0.0020	0.0025	0.0030	0.0040	0.0055	0.0065		

螺纹铣刀加工工艺说明-内螺纹

STEP FUNCTION



1. 快速沿Z轴负方向到螺纹深度
- 1~2. 在Y轴快速移动螺纹内孔直径的0.05从1位到2位设立刀位的补偿
- 2~3. 进给从2到3位同时在Z轴+方向移动1/2螺距
- 3~4. 进给公转一周3~4位, 同时沿Z轴正方向攀升1个螺距
- 4~5. 进给4~5位导出到孔中心位置同时沿Z轴攀升1/2螺距全部以较高的进给速率完成
5. 快速沿Z轴+向到孔顶部, 移出补偿位

这种编成方法能被显示在标准化“G”码编成中

- 螺纹的实际切削只是三线码
- 进给率和RPM由表格提供的表面线速度和切削量计算
- 这些初始条件被用来计算编成的进给率

$$\text{RPM} = \frac{3.82 \times 1000 (\text{sfm})}{.745"} = 5128 \text{ RPM}$$

$$F(\text{actual}) = 5128(\text{rpm}) \times .0015(\text{chip load}) \times 4(\# \text{ of flutes}) = 31. \text{IPM}$$

$$F(\text{programmed}) = \frac{31 \times (1.0 - .745)}{1.0} = 7.9 \text{ IPM}$$

%
N5 Q1234
N10G90 G0 G17 G40 D0 G54 G20 G80 G94
(CREATED BY ADVENT THREAD MILLING APPLICATION)
(THIS PROGRAM IS PRODUCED WITH NOMINAL NUMBERS.)
(YOU MUST ADJUST WITH YOUR OFFSET FOR YOUR PERFECT SIZE!)
(TOOL CENTER PROGRAM SET TOOL OFFSET D = 0)
(UN 1-8 RH INNER THREAD IN ALUMINUM)
(TOOL=010834-BH3KL23)
(CUTTING SPEED=1000, CHIPLOAD=0.0015)
(FEED AT CUTTING EDGE=31.0, RPM=5128)
(AT D1.0000 TOOL CENTER FEED = F7.9)
(INCREMENTAL PROGRAM-CLIMB MILLING CODE FOR Fanuc 0M.)
N1 T3
N2 M6
N3 G00 X0.0000 Y0.0000 (delete this line for use as subroutine)
N4 G43 Z0.1000 H36
N5 S5127 M3
N6 G91
N7 Z-1.1625 M8
N8 G1 G41 D3 X0.0000 Y-0.0598 Z0.0000 F46.1
N9 G3 X-0.0000 Y0.1704 Z0.0625 I-0.0000 J0.0852 F7.0
N10 X0.0000 Y0.0000 Z0.1250 I0.0000 J-0.1106 F7.5
N11 X-0.0561 Y-0.0900 Z0.0313 I0.0000 J-0.0625 F40.0
N12 G1 G40 X0.0561 Y-0.0206 Z0.0000
N13 G0 X0.0000 Y0.0000 Z-0.2188
N14 G1 G41 D3 X0.0000 Y-0.0598 Z0.0000 F46.1
N15 G3 X-0.0000 Y0.1873 Z0.0625 I-0.0000 J0.0937 F7.3
N16 X0.0000 Y0.0000 Z0.1250 I0.0000 J-0.1275 F7.9
N17 X-0.0583 Y-0.1141 Z0.0344 I0.0000 J-0.0719 F40.0
N18 G1 G40 X0.0583 Y-0.0134 Z0.0000
N19 G0 G90 Z0.1000 M5
N20 M9
N21 M30
%

NPT and NPTF

编成加工NPT和NPTF螺纹, 对于这种锥形螺纹需要编成设定校正补偿系数。通过划分整个圆周4或8等分, 在特定等分弧度移动铣刀出来, 形成锥度, 锥度值由下面公式确定

$$\text{每螺距锥度} = \frac{.0625" \text{ NPT螺纹每英寸的锥度值}}{\text{pitch 每英寸螺纹数}}$$

$$\text{e.g. } 0.0044" = \frac{.0625"}{14} / 2 = 0.0022 \text{ RAD}$$

This amount of taper per pitch is a total. Divide it by two which will give you the amount per radian then divide this number by the number of programmed quadrants. This determines the radial amount that the cutter must be moved out as the cutter forms the thread.

%
N5 Q1234
N10G90 G0 G17 G40 D0 G54 G70 G80 G94
(CREATED BY ADVENT THREAD MILLING APPLICATION)
(THIS PROGRAM IS PRODUCED WITH NOMINAL NUMBERS.)
(YOU MUST ADJUST WITH YOUR OFFSET FOR YOUR PERFECT SIZE!)
(TOOL CENTER PROGRAM SET TOOL OFFSET D = 0)
(NPT 1/2-14 RH INNER THREAD IN 303)
(TOOL=121412-1CSNPTH)
(CUTTING SPEED=250, CHIPLOAD=0.0025)
(FEED AT CUTTING EDGE=19.3, RPM=1929)
(AT D0.8179 TOOL CENTER FEED = F7.6)
(ABSOLUTE PROGRAM-CLIMB MILLING CODE FOR Fanuc 7M)
N05 T3
N10G00 X0.0000 Y0.0000
N15G43 Z0.1000 H3
N20 S1929 M3
N25 Z-0.5700 M8
N30G1 X-0.0270 F20.0
N35G41 D3 X-0.1020
N40G3 X0.1399 Z-0.5343 I0.1209 J0.0000 F6.3

N45 X-0.0004 Y0.1404 Z-0.5164 I-0.1404 J-0.0000 F7.0
N50 X-0.1410 Y-0.0004 Z-0.4986 I0.0004 J-0.1410
N55 X0.0004 Y-0.1416 Z-0.4807 I0.1416 J0.0004
N60 X0.1421 Y0.0004 Z-0.4629 I-0.0004 J0.1421
N65 X-0.1020 Y0.0000 Z-0.4271 I-0.1221 J-0.0004 F40.0
N70 G1 G40 X0.0000
N75 G0 Z-0.5700
N80 G1 X-0.0270 F20.0
N85 G41 D3 X-0.1020
N90 G3 X0.1547 Z-0.5343 I0.1284 J0.0000 F6.6
N95 X-0.0003 Y0.1553 Z-0.5164 I-0.1553 J-0.0000 F7.4
N100 X-0.1559 Y-0.0003 Z-0.4986 I0.0003 J-0.1559 F7.5
N105 X0.0003 Y-0.1564 Z-0.4807 I0.1564 J0.0003
N110 X0.1570 Y0.0003 Z-0.4629 I-0.0003 J0.1570
N115 X-0.1020 Y0.0000 Z-0.4271 I-0.1295 J-0.0003 F40.0
N120 G1 G40 X0.0000
N125 G0 Z0.1000 M5
N130 M9
N135 M30
N140 %

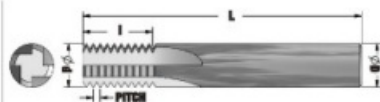
整体硬质合金直刃螺纹铣刀-美标UN螺纹

(UN) 螺纹

(UN) 螺纹



最小可加工尺寸	刀具编号	螺距	切削径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
#4-40	0440316-1CS	40	0.080	0.100	4	2.5	0.188	O	X	O
#6-32	0632316-1CS	32	0.100	0.200	4	2.5	0.188	O	X	O
#8-32	0832316-1CS	32	0.120	0.200	4	2.5	0.188	O	X	O
#10-24	1024316-1CS	24	0.140	0.250	4	2.5	0.188	O	X	O
#10-32	1032316-1CS	32	0.140	0.250	4	2.5	0.188	O	X	O
#12-24	1224316-1CS	24	0.160	0.350	4	2.5	0.188	O	X	O
#12-28	1228316-1CS	28	0.160	0.350	4	2.5	0.188	O	X	O
1/4"-20	142014-1CS	20	0.190	0.400	4	3.0	0.250	O	X	O
1/4"-24	142414-1CS	24	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-27	142714-1CS	27	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-28	142814-1CS	28	0.190	0.400	4	3.0	0.250	O	X	O
1/4"-32	143214-1CS	32	0.190	0.400	4	3.0	0.250	O	X	O
1/4"-36	143614-1CS	36	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-40	144014-1CS	40	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-48	144814-1CS*	48	0.190	0.400	4	3.0	0.250	O	O	O
1/4"-56	145614-1CS*	56	0.190	0.400	4	3.0	0.250	O	O	O
5/16"-16	5161614-1CS	16	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-18	5161814-1CS	18	0.245	0.625	4	3.0	0.250	O	X	O
5/16"-20	5162014-1CS	20	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-24	5162414-1CS	24	0.245	0.625	4	3.0	0.250	O	X	O
5/16"-27	5162714-1CS	27	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-28	5162814-1CS	28	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-32	5163214-1CS	32	0.245	0.625	4	3.0	0.250	O	X	O
5/16"-36	5163614-1CS	36	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-40	5164014-1CS	40	0.245	0.625	4	3.0	0.250	O	O	O
5/16"-48	5164814-1CS	48	0.245	0.625	4	3.0	0.250	O	O	O
3/8"-16	3816516-1CS	16	0.300	0.750	4	3.0	0.312	O	X	O
3/8"-18	3818516-1CS	18	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-20	3820516-1CS	20	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-24	3824516-1CS	24	0.300	0.750	4	3.0	0.312	O	X	O
3/8"-27	3827516-1CS	27	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-28	3828516-1CS	28	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-32	3832516-1CS	32	0.300	0.750	4	3.0	0.312	O	X	O
3/8"-36	3836516-1CS	36	0.300	0.750	4	3.0	0.312	O	O	O
3/8"-40	3840516-1CS	40	0.300	0.750	4	3.0	0.312	O	O	O
7/16"-14	7161438-1CS	14	0.350	0.750	4	3.0	0.375	O	X	O
7/16"-16	7161638-1CS	16	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-18	7161838-1CS	18	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-20	7162038-1CS	20	0.350	0.750	4	3.0	0.375	O	X	O
7/16"-24	7162438-1CS	24	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-27	7162738-1CS	27	0.350	0.750	4	3.0	0.375	O	O	O
7/16"-28	7162838-1CS	28	0.350	0.750	4	3.0	0.375	O	X	O
7/16"-32	7163238-1CS	32	0.350	0.750	4	3.0	0.375	O	O	O
1/2"-12	121238-1CS	12	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-13	121338-1CS	13	0.370	0.750	4	3.0	0.375	O	X	O
1/2"-14	121438-1CS	14	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-16	121638-1CS	16	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-18	121838-1CS	18	0.370	0.750	4	3.0	0.375	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request - Tools will cut internal & external thread

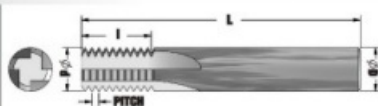
整体硬质合金直刃螺纹铣刀-美标UN螺纹(续)

(UN) 螺纹

(UN) 螺纹



最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/2"-20	122038-1CS	20	0.370	0.750	4	3.0	0.375	O	X	O
1/2"-24	122438-1CS	24	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-27	122738-1CS	27	0.370	0.750	4	3.0	0.375	O	O	O
1/2"-28	122838-1CS	28	0.370	0.750	4	3.0	0.375	O	X	O
1/2"-32	123238-1CS	32	0.370	0.750	4	3.0	0.375	O	O	O
9/16"-12	9161212-1CS	12	0.430	0.750	4	4.0	0.500	O	X	O
9/16"-14	9161412-1CS	14	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-16	9161612-1CS	16	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-18	9161812-1CS	18	0.450	0.750	4	4.0	0.500	O	X	O
9/16"-20	9162012-1CS	20	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-24	9162412-1CS	24	0.450	0.750	4	4.0	0.500	O	X	O
9/16"-27	9162712-1CS	27	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-28	9162812-1CS	28	0.450	0.750	4	4.0	0.500	O	O	O
9/16"-32	9163212-1CS	32	0.450	0.750	4	4.0	0.500	O	O	O
5/8"-11	581112-1CS	11	0.430	1.000	4	4.0	0.500	O	X	O
5/8"-11	581112-1CSF6	11	0.430	1.000	6	4.0	0.500	O	O	O
5/8"-12	581212-1CS	12	0.430	1.000	4	4.0	0.500	O	O	O
5/8"-12	581212-1CSF6	12	0.430	1.000	6	4.0	0.500	O	O	O
5/8"-14	581412-1CS	14	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-14	581412-1CSF6	14	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-16	581612-1CS	16	0.495	1.000	4	4.0	0.500	O	X	O
5/8"-16	581612-1CSF6	16	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-18	581812-1CS	18	0.495	1.000	4	4.0	0.500	O	X	O
5/8"-18	581812-1CSF6	18	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-20	582012-1CS	20	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-20	582012-1CSF6	20	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-24	582412-1CS	24	0.495	1.000	4	4.0	0.500	O	X	O
5/8"-24	582412-1CSF6	24	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-27	582712-1CS	27	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-27	582712-1CSF6	27	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-28	582812-1CS	28	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-28	582812-1CSF6	28	0.495	1.000	6	4.0	0.500	O	O	O
5/8"-32	583212-1CS	32	0.495	1.000	4	4.0	0.500	O	O	O
5/8"-32	583212-1CSF6	32	0.495	1.000	6	4.0	0.500	O	O	O
3/4"-10	341058-1CS	10	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-10	341058-1CSF6	10	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-12	341258-1CS	12	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-12	341258-1CSF6	12	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-14	341458-1CS	14	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-14	341458-1CSF6	14	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-16	341658-1CS	16	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-16	341658-1CSF6	16	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-18	341858-1CS	18	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-18	341858-1CSF6	18	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-20	342058-1CS	20	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-20	342058-1CSF6	20	0.620	1.000	6	4.0	0.625	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

指交错螺纹

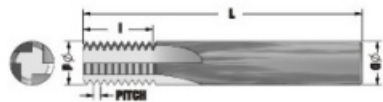
整体硬质合金直刃螺纹铣刀-美标UN螺纹(续)

美标 (UN) 螺纹

美标 (UN) 螺纹



最小可加工尺寸	刀具编号	螺距	切削径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
3/4"-24	342458-1CS	24	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-24	342458-1CSF6	24	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-27	342758-1CS	27	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-27	342758-1CSF6	27	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-28	342858-1CS	28	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-28	342858-1CSF6	28	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-32	343258-1CS	32	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-32	343258-1CSF6	32	0.620	1.000	6	4.0	0.625	O	O	O
7/8"-9	780934-1CS	9	0.745	1.250	4	4.0	0.750	O	X	O
7/8"-9	780934-1CSF6	9	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-10	781034-1CS	10	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-10	781034-1CSF6	10	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-12	781234-1CS	12	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-12	781234-1CSF6	12	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-14	781434-1CS	14	0.745	1.250	4	4.0	0.750	O	X	O
7/8"-14	781434-1CSF6	14	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-16	781634-1CS	16	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-16	781634-1CSF6	16	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-18	781834-1CS	18	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-18	781834-1CSF6	18	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-20	782034-1CS	20	0.745	1.250	4	4.0	0.750	O	X	O
7/8"-20	782034-1CSF6	20	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-24	782434-1CS	24	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-24	782434-1CSF6	24	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-27	782734-1CS	27	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-27	782734-1CSF6	27	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-28	782834-1CS	28	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-28	782834-1CSF6	28	0.745	1.250	6	4.0	0.750	O	O	O
7/8"-32	783234-1CS	32	0.745	1.250	4	4.0	0.750	O	O	O
7/8"-32	783234-1CSF6	32	0.745	1.250	6	4.0	0.750	O	O	O
1"-8	010834-1CS	8	0.745	1.250	4	4.0	0.750	O	X	O
1"-8	010834-1CSF6	8	0.745	1.250	6	4.0	0.750	O	O	O
1-1/8"-7	010734-1CS	7	0.745	1.250	4	4.0	0.750	O	X	O
1-1/8"-7	010734-1CSF6	7	0.745	1.250	6	4.0	0.750	O	O	O



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*Designates Staggered Thread

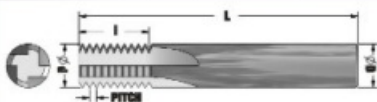
整体硬质合金直刃公制螺纹铣刀

公制 (M) 螺纹

公制 (M) 螺纹



最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
M4x0.7	M40.7316-1CS	0.70	0.110	0.200	4	2.5	0.188	O	X	O
M5x0.8	M50.8316-1CS	0.80	0.140	0.250	4	2.5	0.188	O	X	O
M6x1.0	M61.014-1CS	1.00	0.169	0.400	4	3.0	0.250	O	X	O
M6x0.75	M60.7514-1CS	0.75	0.169	0.400	4	3.0	0.250	O	O	O
M8x1.25	M81.2514-1CS	1.25	0.232	0.625	4	3.0	0.250	O	X	O
M8x1.0	M81.014-1CS	1.00	0.232	0.625	4	3.0	0.250	O	X	O
M8x0.75	M80.7514-1CS	0.75	0.232	0.625	4	3.0	0.250	O	O	O
M10x1.5	M101.5516-1CS	1.50	0.287	0.750	4	3.0	0.312	O	X	O
M10x1.2	M101.25516-1CS	1.25	0.287	0.750	4	3.0	0.312	O	X	O
M10x1.0	M101.0516-1CS	1.00	0.287	0.750	4	3.0	0.312	O	O	O
M10x0.7	M100.75516-1CS	0.75	0.287	0.750	4	3.0	0.312	O	O	O
M12x1.7	M121.7538-1CS	1.75	0.370	0.750	4	3.0	0.375	O	X	O
M12x1.5	M121.538-1CS	1.50	0.370	0.750	4	3.0	0.375	O	O	O
M12x1.2	M121.2538-1CS	1.25	0.370	0.750	4	3.0	0.375	O	X	O
M12x1.0	M121.038-1CS	1.00	0.370	0.750	4	3.0	0.375	O	O	O
M14x2.0	M142.012-1CS	2.00	0.429	1.000	4	4.0	0.500	O	X	O
M14x2.0	M142.012-1CSF6	2.00	0.429	1.000	6	4.0	0.500	O	O	O
M14x1.5	M141.512-1CS	1.50	0.429	1.000	4	4.0	0.500	O	X	O
M14x1.5	M141.512-1CSF6	1.50	0.429	1.000	6	4.0	0.500	O	O	O
M14x1.2	M141.2512-1CS	1.25	0.429	1.000	4	4.0	0.500	O	O	O
M14x1.2	M141.2512-1CSF6	1.25	0.429	1.000	6	4.0	0.500	O	O	O
M14x1.0	M141.012-1CS	1.00	0.429	1.000	4	4.0	0.500	O	O	O
M14x1.0	M141.012-1CSF6	1.00	0.429	1.000	6	4.0	0.500	O	O	O
M18x2.5	M182.512-1CS	2.50	0.495	1.000	4	4.0	0.500	O	X	O
M18x2.5	M182.512-1CSF6	2.50	0.495	1.000	6	4.0	0.500	O	O	O
M18x2.0	M182.012-1CS	2.00	0.495	1.000	4	4.0	0.500	O	O	O
M18x2.0	M182.012-1CSF6	2.00	0.495	1.000	6	4.0	0.500	O	O	O
M18x1.5	M181.512-1CS	1.50	0.495	1.000	4	4.0	0.500	O	X	O
M18x1.5	M181.512-1CSF6	1.50	0.495	1.000	6	4.0	0.500	O	O	O
M18x1.0	M181.012-1CS	1.00	0.495	1.000	4	4.0	0.500	O	O	O
M18x1.0	M181.012-1CSF6	1.00	0.495	1.000	6	4.0	0.500	O	O	O
M22x2.5	M222.558-1CS	2.50	0.620	1.000	4	4.0	0.625	O	X	O
M22x2.5	M222.558-1CSF6	2.50	0.620	1.000	6	4.0	0.625	O	O	O
M22x2.0	M222.058-1CS	2.00	0.620	1.000	4	4.0	0.625	O	X	O
M22x2.0	M222.058-1CSF6	2.00	0.620	1.000	6	4.0	0.625	O	O	O
M22x1.5	M221.558-1CS	1.50	0.620	1.000	4	4.0	0.625	O	X	O
M22x1.5	M221.558-1CSF6	1.50	0.620	1.000	6	4.0	0.625	O	O	O
M22x1.0	M221.058-1CS	1.00	0.620	1.000	4	4.0	0.625	O	O	O
M22x1.0	M221.058-1CSF6	1.00	0.620	1.000	6	4.0	0.625	O	O	O
M24x3.0	M243.058-1CS	3.00	0.620	1.000	4	4.0	0.625	O	X	O
M24x3.0	M243.058-1CSF6	3.00	0.620	1.000	6	4.0	0.625	O	O	O
M30x3.5	M303.534-1CS	3.50	0.745	1.250	4	4.0	0.750	O	X	O
M30x3.5	M303.534-1CSF6	3.50	0.745	1.250	6	4.0	0.750	O	O	O
M36x4.0	M364.034-1CS	4.00	0.745	1.250	4	4.0	0.750	O	X	O
M36x4.0	M364.034-1CSF6	4.00	0.745	1.250	6	4.0	0.750	O	O	O



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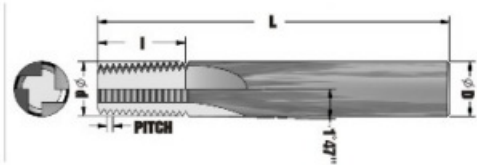
整体硬质合金直刃螺纹铣刀-美标NPT锥管螺纹

用于美式（NPT）锥管螺纹

用于美式（NPT）锥管螺纹



最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/16"-27	142714-1CSNPTD19	27	0.190	0.400	4	3.0	0.250	O	X	O
1/8"-27	142714-1CSNPT	27	0.240	0.625	4	3.0	0.250	O	X	O
1/8"-27	51627516-1CSNPT	27	0.308	0.741	4	3.0	0.312	O	X	O
1/8"-27	5162738-1CSNPT	27	0.308	0.741	4	3.0	0.375	O	O	O
1/4"-18	381838-1CSNPT	18	0.370	0.778	4	3.0	0.375	O	X	O
1/4"-18	7161812-1CSNPT	18	0.432	0.778	4	4.0	0.500	O	O	O
1/2"-14	121412-1CSNPT	14	0.495	1.000	4	4.0	0.500	O	X	O
1/2"-14	121412-1CSNPTF6	14	0.495	1.000	6	4.0	0.500	O	O	O
1/2"-14	581458-1CSNPT	14	0.620	1.000	4	4.0	0.625	O	X	O
1/2"-14	581458-1CSNPTF6	14	0.620	1.000	6	4.0	0.625	O	O	O
1"-11.5	5811558-1CSNPT	11.5	0.620	1.044	4	4.0	0.625	O	X	O
1"-11.5	5811558-1CSNPTF6	11.5	0.620	1.044	6	4.0	0.625	O	O	O
1"-11.5	3411534-1CSNPT	11.5	0.745	1.044	4	4.0	0.750	O	X	O
1"-11.5	3411534-1CSNPTF6	11.5	0.745	1.044	6	4.0	0.750	O	O	O
2-1/2"-8	340834-1CSNPT	8	0.745	1.125	4	4.0	0.750	O	X	O
2-1/2"-8	340834-1CSNPTF6	8	0.745	1.125	6	4.0	0.750	O	O	O



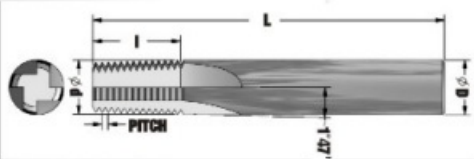
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Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金直刃螺纹铣刀-美标NPTF干密封锥管螺纹

用于美式 (NPTF) 干密封锥管螺纹

用于美式 (NPTF) 干密封锥管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/16"-27	142714-1CSNPTFD190	27	0.190	0.400	4	3.0	0.250	O	X	O
1/8"-27	142714-1CSNPTF	27	0.240	0.625	4	3.0	0.250	O	X	O
1/8"-27	51627516-1CSNPTF	27	0.308	0.741	4	3.0	0.312	O	X	O
1/8"-27	5162738-1CSNPTF	27	0.308	0.741	4	3.0	0.375	O	O	O
1/4"-18	381838-1CSNPTF	18	0.370	0.778	4	3.0	0.375	O	X	O
1/4"-18	7161812-1CSNPTF	18	0.432	0.778	4	4.0	0.500	O	O	O
1/2"-14	121412-1CSNPTF	14	0.495	1.000	4	4.0	0.500	O	X	O
1/2"-14	121412-1CSNPTFF6	14	0.495	1.000	6	4.0	0.500	O	O	O
1/2"-14	581458-1CSNPTF	14	0.620	1.000	4	4.0	0.625	O	X	O
1/2"-14	581458-1CSNPTFF6	14	0.620	1.000	6	4.0	0.625	O	O	O
1"-11.5	581558-1CSNPTF	11.5	0.620	1.044	4	4.0	0.625	O	X	O
1"-11.5	581558-1CSNPTFF6	11.5	0.620	1.044	6	4.0	0.625	O	O	O
1"-11.5	341534-1CSNPTF	11.5	0.745	1.044	4	4.0	0.750	O	X	O
1"-11.5	341534-1CSNPTFF6	11.5	0.745	1.044	6	4.0	0.750	O	O	O
2-1/2"-8	340834-1CSNPTF	8	0.745	1.125	4	4.0	0.750	O	X	O
2-1/2"-8	340834-1CSNPTFF6	8	0.745	1.125	6	4.0	0.750	O	O	O



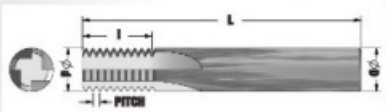
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Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金直刃螺纹铣刀-美标NPSF直管螺纹

用于美式 (NPSF) 干密封锥管螺纹

用于美式 (NPSF) 干密封锥管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/16"-27	142714-1CSNPSFD190	27	0.190	0.400	4	3.0	0.250	O	O	O
1/8"-27	142714-1CSNPSF	27	0.240	0.625	4	3.0	0.250	O	O	O
1/8"-27	51627516-1CSNPSF	27	0.300	0.741	4	3.0	0.312	O	O	O
1/4"-18	381838-1CSNPSF	18	0.370	0.778	4	3.0	0.375	O	O	O
1/2"-14	581458-1CSNPSF	14	0.620	1.000	4	4.0	0.625	O	O	O
1/2"-14	581458-1CSNPSFF6	14	0.620	1.000	6	4.0	0.625	O	O	O
1"-11.5	581558-1CSNPSF	11.5	0.620	1.000	4	4.0	0.625	O	O	O
1"-11.5	341534-1CSNPSF	11.5	0.745	1.304	4	4.0	0.750	O	O	O
2-1/2"-8	340834-1CSNPSF	8	0.745	1.250	4	4.0	0.750	O	O	O



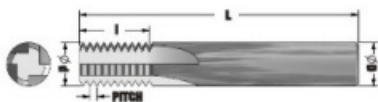
X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金直刃螺纹铣刀-英标BSPP直管螺纹

英标 (BSPP) 直管螺纹

英标 (BSPP) 直管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	1828516-1CSBSP	28	0.300	0.750	4	3.0	0.312	O	O	O
1/4"-19	141938-1CSBSP	19	0.370	0.789	4	3.0	0.375	O	O	O
1/2"-14	121458-1CSBSP	14	0.620	1.000	4	4.0	0.625	O	O	O
1/2"-14	121458-1CSBSPF6	14	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-14	341434-1CSBSP	14	0.745	1.286	4	4.0	0.750	O	O	O
3/4"-14	341434-1CSBSPF6	14	0.745	1.286	6	4.0	0.750	O	O	O
1"-11	011134-1CSBSP	11	0.745	1.272	4	4.0	0.750	O	O	O
1"-11	011134-1CSBSPF6	11	0.745	1.272	6	4.0	0.750	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金直刃螺纹铣刀-公制刀柄，英标BSPP直管螺纹

英标 (BSPP) 直管螺纹-公制刀柄

英标 (BSPP) 直管螺纹-公制刀柄

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	182808MM-1CSBSP	28	0.300 (7.6)	0.750 (19)	4	3.0 (76)	(8)	O	O	O
1/4"-19	141910MM-1CSBSP	19	0.390 (9.9)	0.789 (20)	4	3.0 (76)	(10)	O	O	O
1/2"-14	121416MM-1CSBSP	14	0.626 (15.9)	1.000 (25.4)	4	3.98 (101)	(16)	O	O	O
3/4"-14	341420MM-1CSBSP	14	0.783 (19.9)	1.286 (32.7)	4	4.0 (102)	(20)	O	O	O
1"-11	011120MM-1CSBSP	11	0.783 (19.9)	1.272 (32.3)	4	4.0 (102)	(20)	O	O	O

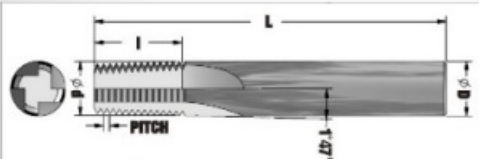
X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金直刃螺纹铣刀-英标BSPT锥管螺纹

英标 (BSPT) 锥管螺纹

英标 (BSPT) 锥管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	1828516-1CSBSPT	28	0.300	0.750	4	3.0	0.312	O	O	O
1/4"-19	141938-1CSBSPT	19	0.370	0.789	4	3.0	0.375	O	O	O
1/2"-14	121458-1CSBSPT	14	0.620	1.000	4	4.0	0.625	O	O	O
1/2"-14	121458-1CSBSPTF6	14	0.620	1.000	6	4.0	0.625	O	O	O
3/4"-14	341434-1CSBSPT	14	0.745	1.286	4	4.0	0.750	O	O	O
3/4"-14	341434-1CSBSPTF6	14	0.745	1.286	6	4.0	0.750	O	O	O
1"-11	011134-1CSBSPT	11	0.745	1.272	4	4.0	0.750	O	O	O
1"-11	011134-1CSBSPTF6	11	0.745	1.272	6	4.0	0.750	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金直刃螺纹铣刀-公制刀柄，英标BSPT锥管螺纹

英标 (BSPT) 锥管螺纹-公制刀柄

英标 (BSPT) 锥管螺纹-公制刀柄

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	182809MM-1CSBSPT	28	0.300 (7.6)	0.750 (19)	4	3.0 (76)	(8)	O	O	O
1/4"-19	141910MM-1CSBSPT	19	0.390 (9.9)	0.789 (20)	4	3.0 (76)	(10)	O	O	O
1/2"-14	121416MM-1CSBSPT	14	0.626 (15.9)	1.000 (25.4)	4	3.98 (101)	(16)	O	O	O
3/4"-14	341420MM-1CSBSPT	14	0.783 (19.9)	1.286 (32.7)	4	4.0 (102)	(20)	O	O	O
1"-11	011120MM-1CSBSPT	11	0.783 (19.9)	1.272 (32.3)	4	4.0 (102)	(20)	O	O	O

X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金螺旋刃螺纹铣刀-美标UN内/外螺纹

美标 (UN) 内/外螺纹

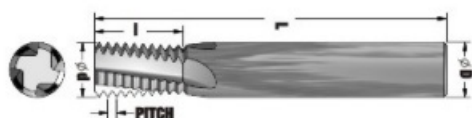


美标 (UN) 内螺纹

最小可加工尺寸	刀具编号	螺距	切削径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/4"-20	142014-1CSF3BH	20	0.190	0.400	3	3.0	0.250	O	X	O
1/4"-28	142814-1CSF3BH	28	0.190	0.393	3	3.0	0.250	O	X	O
5/16"-1	5161814-1CSF3BH	18	0.245	0.611	3	3.0	0.250	O	X	O
5/16"-2	5162414-1CSF3BH	24	0.245	0.625	3	3.0	0.250	O	X	O
3/8"-16	3816516-1CSF3BH	16	0.300	0.750	3	3.0	0.312	O	X	O
3/8"-24	3824516-1CSF3BH	24	0.300	0.750	3	3.0	0.312	O	X	O
7/16"-1	7161438-1CSF3BH	14	0.350	0.786	3	3.0	0.375	O	X	O
7/16"-2	7162038-1CSF3BH	20	0.350	0.750	3	3.0	0.375	O	X	O
1/2"-13	121338-1CSF3BH	13	0.370	0.769	3	3.0	0.375	O	X	O
1/2"-20	122038-1CSF3BH	20	0.370	0.750	3	3.0	0.375	O	X	O
9/16"-1	9161212-1CSBH	12	0.430	0.750	4	4.0	0.500	O	X	O
9/16"-1	9161812-1CSBH	18	0.450	0.778	4	4.0	0.500	O	X	O
5/8"-11	581112-1CSBH	11	0.430	1.000	4	4.0	0.500	O	X	O
5/8"-18	581812-1CSBH	18	0.495	1.000	4	4.0	0.500	O	X	O
3/4"-10	341058-1CSBH	10	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-16	341658-1CSBH	16	0.620	1.000	4	4.0	0.625	O	X	O
7/8"-9	780934-1CSBH	9	0.745	1.333	4	4.0	0.750	O	X	O
7/8"-14	781434-1CSBH	14	0.745	1.286	4	4.0	0.750	O	X	O
1"-8	010834-1CSBH	8	0.745	1.250	4	4.0	0.750	O	X	O
1"-12	011234-1CSBH	12	0.745	1.250	4	4.0	0.750	O	X	O

美标UN外螺纹

1/4"-20	142014-1CSF3AH	20	0.190	0.400	3	3.0	0.250	O	O	O
1/4"-28	142814-1CSF3AH	28	0.190	0.393	3	3.0	0.250	O	O	O
5/16"-18	5161814-1CSF3AH	18	0.245	0.611	3	3.0	0.250	O	O	O
5/16"-24	5162414-1CSF3AH	24	0.245	0.625	3	3.0	0.250	O	O	O
3/8"-16	3816516-1CSF3AH	16	0.300	0.750	3	3.0	0.312	O	O	O
3/8"-24	3824516-1CSF3AH	24	0.300	0.750	3	3.0	0.312	O	O	O
7/16"-14	7161438-1CSF3AH	14	0.350	0.786	3	3.0	0.375	O	O	O
7/16"-20	7162038-1CSF3AH	20	0.350	0.750	3	3.0	0.375	O	O	O
1/2"-13	121338-1CSF3AH	13	0.370	0.769	3	3.0	0.375	O	O	O
1/2"-20	122038-1CSF3AH	20	0.370	0.750	3	3.0	0.375	O	O	O
9/16"-12	9161212-1CSAH	12	0.430	0.750	4	4.0	0.500	O	O	O
9/16"-18	9161812-1CSAH	18	0.450	0.778	4	4.0	0.500	O	O	O
5/8"-11	581112-1CSAH	11	0.430	1.000	4	4.0	0.500	O	O	O
5/8"-18	581812-1CSAH	18	0.495	1.000	4	4.0	0.500	O	O	O
3/4"-10	341058-1CSAH	10	0.620	1.000	4	4.0	0.625	O	O	O
3/4"-16	341658-1CSAH	16	0.620	1.000	4	4.0	0.625	O	O	O
7/8"-9	780934-1CSAH	9	0.745	1.333	4	4.0	0.750	O	O	O
7/8"-14	781434-1CSAH	14	0.745	1.286	4	4.0	0.750	O	O	O
1"-8	010834-1CSAH	8	0.745	1.250	4	4.0	0.750	O	O	O
1"-12	011234-1CSAH	12	0.745	1.250	4	4.0	0.750	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金螺旋刃螺纹铣刀 英制刀柄，公制内/外螺纹



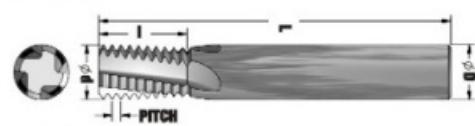
公制内外螺纹

公制内螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
M6x1.0	M61.014-1CSF3BH	1.00	0.169 (4.3)	0.394 (10)	3	3.0 (76)	0.250	O	X	O
M6x0.75	M60.7514-1CSF3BH	0.75	0.169 (4.3)	0.413 (10.5)	3	3.0 (76)	0.250	O	X	O
M8x1.25	M81.2514-1CSF3BH	1.25	0.232 (5.9)	0.640 (16.25)	3	3.0 (76)	0.250	O	X	O
M8x1.0	M81.014-1CSF3BH	1.00	0.232 (5.9)	0.630 (16)	3	3.0 (76)	0.250	O	X	O
M10x1.5	M101.5516-1CSF3BH	1.50	0.287 (7.3)	0.768 (19.5)	3	3.0 (76)	0.312	O	X	O
M10x1.25	M101.25516-1CSF3BH	1.25	0.287 (7.3)	0.787 (20)	3	3.0 (76)	0.312	O	X	O
M12x1.75	M121.7538-1CSF3BH	1.75	0.370 (9.4)	0.827 (21)	3	3.0 (76)	0.375	O	X	O
M12x1.25	M121.2538-1CSF3BH	1.25	0.370 (9.4)	0.837 (21.25)	3	3.0 (76)	0.375	O	X	O
M14x2.0	M142.012-1CSBH	2.00	0.429 (10.9)	1.024 (26)	4	4.0 (102)	0.500	O	X	O
M14x1.5	M141.512-1CSBH	1.50	0.429 (10.9)	1.004 (25.5)	4	4.0 (102)	0.500	O	X	O
M18x2.5	M182.512-1CSBH	2.50	0.495 (12.57)	0.984 (25)	4	4.0 (102)	0.500	O	X	O
M18x1.5	M181.512-1CSBH	1.50	0.495 (12.57)	1.004 (25.5)	4	4.0 (102)	0.500	O	X	O
M24x3.0	M243.058-1CSBH	3.00	0.620 (15.75)	1.063 (27)	4	4.0 (102)	0.625	O	X	O
M24x2.0	M242.058-1CSBH	2.00	0.620 (15.75)	1.024 (26)	4	4.0 (102)	0.625	O	X	O
M30x3.5	M303.534-1CSBH	3.50	0.745 (18.9)	1.240 (31.5)	4	4.0 (102)	0.750	O	X	O
M36x4.0	M364.001-1CSF6BH	4.00	0.995 (25.27)	1.417 (36)	6	5.0 (127)	1.000	O	X	O

公制外螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
M6x1.0	M61.014-1CSF3AH	1.00	0.169 (4.3)	0.394 (10)	3	3.0 (76)	0.250	O	O	O
M6x0.75	M60.7514-1CSF3AH	0.75	0.169 (4.3)	0.413 (10.5)	3	3.0 (76)	0.250	O	O	O
M8x1.25	M81.2514-1CSF3AH	1.25	0.232 (5.9)	0.640 (16.25)	3	3.0 (76)	0.250	O	O	O
M8x1.0	M81.014-1CSF3AH	1.00	0.232 (5.9)	0.630 (16)	3	3.0 (76)	0.250	O	O	O
M10x1.5	M101.5516-1CSF3AH	1.50	0.287 (7.3)	0.768 (19.5)	3	3.0 (76)	0.312	O	O	O
M10x1.2	M101.25516-1CSF3AH	1.25	0.287 (7.3)	0.787 (20)	3	3.0 (76)	0.312	O	O	O
M12x1.7	M121.7538-1CSF3AH	1.75	0.370 (9.4)	0.827 (21)	3	3.0 (76)	0.375	O	O	O
M12x1.2	M121.2538-1CSF3AH	1.25	0.370 (9.4)	0.837 (21.25)	3	3.0 (76)	0.375	O	O	O
M14x2.0	M142.012-1CSAH	2.00	0.429 (10.9)	1.024 (26)	4	4.0 (102)	0.500	O	O	O
M14x1.5	M141.512-1CSAH	1.50	0.429 (10.9)	1.004 (25.5)	4	4.0 (102)	0.500	O	O	O
M18x2.5	M182.512-1CSAH	2.50	0.495 (12.57)	0.984 (25)	4	4.0 (102)	0.500	O	O	O
M18x1.5	M181.512-1CSAH	1.50	0.495 (12.57)	1.004 (25.5)	4	4.0 (102)	0.500	O	O	O
M24x3.0	M243.058-1CSAH	3.00	0.620 (15.75)	1.063 (27)	4	4.0 (102)	0.625	O	O	O
M24x2.0	M242.058-1CSAH	2.00	0.620 (15.75)	1.024 (26)	4	4.0 (102)	0.625	O	O	O
M30x3.5	M303.534-1CSAH	3.50	0.745 (18.9)	1.240 (31.5)	4	4.0 (102)	0.750	O	O	O
M36x4.0	M364.001-1CSF6AH	4.00	0.995 (25.27)	1.417 (36)	6	5.0 (127)	1.000	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request - Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金螺旋刃螺纹铣刀

公制刀柄，公制内/外螺纹



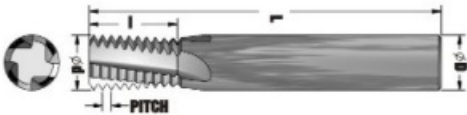
公制（M）内外螺纹，公制刀柄

公制刀柄，公制内螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
M6x1.0	EM61.006-1CSF3BH	1.00	0.169 (4.3)	0.394 (10)	3	3.0 (76)	(6)	O	O	O
M6x0.75	EM60.7506-1CSF3BH	0.75	0.169 (4.3)	0.413 (10.5)	3	3.0 (76)	(6)	O	O	O
M8x1.25	EM81.2506-1CSF3BH	1.25	0.232 (5.9)	0.640 (16.25)	3	3.0 (76)	(6)	O	O	O
M8x1.0	EM81.006-1CSF3BH	1.00	0.232 (5.9)	0.630 (16)	3	3.0 (76)	(6)	O	O	O
M10x1.5	EM101.508-1CSF3BH	1.50	0.287 (7.3)	0.768 (19.5)	3	3.0 (76)	(8)	O	O	O
M10x1.25	EM101.2508-1CSF3BH	1.25	0.287 (7.3)	0.787 (20)	3	3.0 (76)	(8)	O	O	O
M12x1.75	EM121.7510-1CSF3BH	1.75	0.370 (9.4)	0.827 (21)	3	3.0 (76)	(10)	O	O	O
M12x1.25	EM121.2510-1CSF3BH	1.25	0.370 (9.4)	0.837 (21.25)	3	3.0 (76)	(10)	O	O	O
M14x2.0	EM142.012-1CSBH	2.00	0.429 (10.9)	1.024 (26)	4	3.5 (90)	(12)	O	O	O
M14x1.5	EM141.512-1CSBH	1.50	0.429 (10.9)	1.004 (25.5)	4	3.5 (90)	(12)	O	O	O
M18x2.5	EM182.512-1CSBH	2.50	0.469 (11.9)	0.984 (25)	4	3.5 (90)	(12)	O	O	O
M18x1.5	EM181.512-1CSBH	1.50	0.469 (11.9)	1.004 (25.5)	4	3.5 (90)	(12)	O	O	O
M24x3.0	EM243.016-1CSBH	3.00	0.626 (15.9)	1.063 (27)	4	3.98 (101)	(16)	O	O	O
M24x2.0	EM242.016-1CSBH	2.00	0.626 (15.9)	1.024 (26)	4	3.98 (101)	(16)	O	O	O
M30x3.5	EM303.520-1CSBH	3.50	0.783 (19.9)	1.240 (31.5)	4	4.0 (102)	(20)	O	O	O
M36x4.0	EM364.025-1CSF6BH	4.00	0.980 (24.9)	1.417 (36)	6	5.0 (157)	(25)	O	O	O

公制刀柄，公制外螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
M6x1.0	EM61.006-1CSF3AH	1.00	0.169 (4.3)	0.394 (10)	3	3.0 (76)	(6)	O	O	O
M6x0.75	EM60.7506-1CSF3AH	0.75	0.169 (4.3)	0.413 (10.5)	3	3.0 (76)	(6)	O	O	O
M8x1.25	EM81.2506-1CSF3AH	1.25	0.232 (5.9)	0.640 (16.25)	3	3.0 (76)	(6)	O	O	O
M8x1.0	EM81.006-1CSF3AH	1.00	0.232 (5.9)	0.630 (16)	3	3.0 (76)	(6)	O	O	O
M10x1.5	EM101.508-1CSF3AH	1.50	0.287 (7.3)	0.768 (19.5)	3	3.0 (76)	(8)	O	O	O
M10x1.2	EM101.2508-1CSF3AH	1.25	0.287 (7.3)	0.787 (20)	3	3.0 (76)	(8)	O	O	O
M12x1.7	EM121.7510-1CSF3AH	1.75	0.370 (9.4)	0.827 (21)	3	3.0 (76)	(10)	O	O	O
M12x1.2	EM121.2510-1CSF3AH	1.25	0.370 (9.4)	0.837 (21.25)	3	3.0 (76)	(10)	O	O	O
M14x2.0	EM142.012-1CSAH	2.00	0.429 (10.9)	1.024 (26)	4	3.5 (90)	(12)	O	O	O
M14x1.5	EM141.512-1CSAH	1.50	0.429 (10.9)	1.004 (25.5)	4	3.5 (90)	(12)	O	O	O
M18x2.5	EM182.512-1CSAH	2.50	0.469 (11.9)	0.984 (25)	4	3.5 (90)	(12)	O	O	O
M18x1.5	EM181.512-1CSAH	1.50	0.469 (11.9)	1.004 (25.5)	4	3.5 (90)	(12)	O	O	O
M24x3.0	EM243.016-1CSAH	3.00	0.626 (15.9)	1.063 (27)	4	3.98 (101)	(16)	O	O	O
M24x2.0	EM242.016-1CSAH	2.00	0.626 (15.9)	1.024 (26)	4	3.98 (101)	(16)	O	O	O
M30x3.5	EM303.520-1CSAH	3.50	0.783 (19.9)	1.240 (31.5)	4	4.0 (102)	(20)	O	O	O
M36x4.0	EM364.025-1CSF6AH	4.00	0.980 (24.9)	1.417 (36)	6	5.0 (157)	(25)	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
 Other Sizes Available Upon Request – Tools will cut internal & external thread
 *Designates Staggered Thread

整体硬质合金螺旋刃螺纹铣刀 英制刀柄，美标NPT锥管螺纹



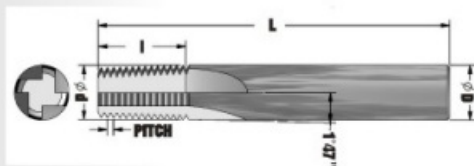
美式 (NPT) 锥管螺纹

美式锥管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-27	51627516-1CSNPTF3H	27	0.308	0.741	3	3.0	0.312	O	X	O
1/4"-18	381838-1CSNPTF3H	18	0.370	0.778	3	3.0	0.375	O	X	O
1/4"-18	7161812-1CSNPTH	18	0.432	0.778	4	4.0	0.500	O	X	O
1/2"-14	121412-1CSNPTH	14	0.495	1.000	4	4.0	0.500	O	X	O
1/2"-14	581458-1CSNPTH	14	0.620	1.000	4	4.0	0.625	O	X	O
1"-11.5	3411534-1CSNPTF5H	11.5	0.745	1.044	5	4.0	0.750	O	X	O
1"-11.5	0111501-1CSNPTF6H	11.5	0.995	1.391	6	5.0	1.000	O	X	O
2-1/2"-8	340834-1CSNPTH	8	0.745	1.125	4	4.0	0.750	O	X	O
2-1/2"-8	010801-1CSNPTF5H	8	0.995	1.500	5	5.0	1.000	O	X	O

公制刀柄，美标NPT锥管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-27	E082708-1CSNPTF3H	27	0.311 (7.90)	0.741 (18.82)	3	3.0 (76)	(8)	O	O	O
1/4"-18	E101810-1CSNPTF3H	18	0.390 (9.90)	0.778 (19.76)	3	3.0 (76)	(10)	O	O	O
1/4"-18	E111812-1CSNPTH	18	0.429 (10.90)	0.778 (19.76)	4	3.5 (90)	(12)	O	O	O
1/2"-14	E121412-1CSNPTH	14	0.469 (11.90)	1.000 (25.40)	4	3.5 (90)	(12)	O	O	O
1/2"-14	E161416-1CSNPTH	14	0.626 (15.90)	1.000 (25.40)	4	3.98 (101)	(16)	O	O	O
1"-11.5	E2011520-1CSNPTF5H	11.5	0.783 (19.90)	1.044 (26.52)	5	4.0 (102)	(20)	O	O	O
1"-11.5	E2511525-1CSNPTF6H	11.5	0.980 (24.90)	1.391 (35.33)	6	5.0 (127)	(25)	O	O	O
2-1/2"-8	E200820-1CSNPTH	8	0.783 (19.90)	1.125 (28.58)	4	4.0 (102)	(20)	O	O	O
2-1/2"-8	E250825-1CSNPTF5H	8	0.980 (24.90)	1.500 (38.10)	5	5.0 (127)	(25)	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金螺旋刃螺纹铣刀 英制刀柄，英标BSPP直管螺纹



英制标准 (BSPP) 直管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	1828516-1CSBSPF3H	28	0.300	0.750	3	3.0	0.312	O	X	O
1/4"-19	141938-1CSBSPF3H	19	0.370	0.789	3	3.0	0.375	O	X	O
1/2"-14	121458-1CSBSPH	14	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-14	341434-1CSBSPH	14	0.745	1.286	4	4.0	0.750	O	X	O
1"-11	011134-1CSBSPH	11	0.745	1.272	4	4.0	0.750	O	X	O

公制刀柄，英标BSPP直管螺纹

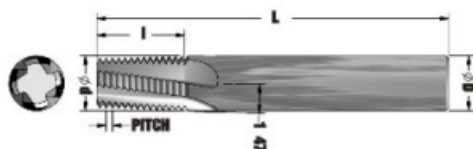
最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	182808MM-1CSBSPF3H	28	0.300 (7.6)	0.750 (19)	3	3.0 (76)	(8)	O	O	O
1/4"-19	141910MM-1CSBSPF3H	19	0.390 (9.9)	0.789 (20)	3	3.0 (76)	(10)	O	O	O
1/2"-14	121416MM-1CSBSPH	14	0.626 (15.9)	1.000 (25.4)	4	3.98 (101)	(16)	O	O	O
3/4"-14	341420MM-1CSBSPH	14	0.783 (19.9)	1.286 (32.7)	4	4.0 (102)	(20)	O	O	O
1"-11	011120MM-1CSBSPH	11	0.783 (19.9)	1.272 (32.3)	4	4.0 (102)	(20)	O	O	O

英制刀柄，英标BSPP锥管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	1828516-1CSBSPTF3H	28	0.300	0.750	3	3.0	0.312	O	X	O
1/4"-19	141938-1CSBSPTF3H	19	0.370	0.789	4	3.0	0.375	O	X	O
1/2"-14	121458-1CSBSPTH	14	0.620	1.000	4	4.0	0.625	O	X	O
3/4"-14	341434-1CSBSPTH	14	0.745	1.286	4	4.0	0.750	O	X	O
1"-11	011134-1CSBSPTH	11	0.745	1.272	4	4.0	0.750	O	X	O

公制刀柄，英标BSPP锥管螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/8"-28	182808MM-1CSBSPTF3H	28	0.300 (7.6)	0.750 (19)	3	3.0 (76)	(8)	O	O	O
1/4"-19	141910MM-1CSBSPTF3H	19	0.390 (9.9)	0.789 (20)	3	3.0 (76)	(10)	O	O	O
1/2"-14	121416MM-1CSBSPTH	14	0.626 (15.9)	1.000 (25.4)	4	3.98 (101)	(16)	O	O	O
3/4"-14	341420MM-1CSBSPTH	14	0.783 (19.9)	1.286 (32.7)	4	4.0 (102)	(20)	O	O	O
1"-11	011120MM-1CSBSPTH	11	0.783 (19.9)	1.272 (32.3)	4	4.0 (102)	(20)	O	O	O



X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request - Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金高螺旋加长型螺纹铣刀 中通冷却 (K)



- 30度螺旋角
- 难加工材料的螺纹加工
- 中心通孔内冷
- 刀刃长度=2.25x螺纹直径
- 此刀具用于加工内螺纹

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
1/2"-12	121238-BH3KL12	12	0.370	1.167	3.0	4	0.375	O	O	X
1/2"-13	121338-BH3KL12	13	0.370	1.154	3.0	4	0.375	O	O	X
1/2"-14	121438-BH3KL11	14	0.370	1.143	3.0	4	0.375	O	O	X
1/2"-16	121638-BH3KL11	16	0.370	1.125	3.0	4	0.375	O	O	X
1/2"-18	121838-BH3KL12	18	0.370	1.167	3.0	4	0.375	O	O	X
1/2"-20	122038-BH3KL12	20	0.370	1.150	3.0	4	0.375	O	O	X
1/2"-24	122438-BH3KL11	24	0.370	1.125	3.0	4	0.375	O	O	X
1/2"-27	122738-BH3KL11	27	0.370	1.148	3.0	4	0.375	O	O	X
1/2"-28	122838-BH3KL11	28	0.370	1.143	3.0	4	0.375	O	O	X
1/2"-32	123238-BH3KL11	32	0.370	1.125	3.0	4	0.375	O	O	X
9/16"-12	9161212-BH3KL13	12	0.430	1.250	4.0	4	0.500	O	O	X
9/16"-14	9161412-BH3KL13	14	0.450	1.286	4.0	4	0.500	O	O	X
9/16"-16	9161612-BH3KL13	16	0.450	1.250	4.0	4	0.500	O	O	X
9/16"-18	9161812-BH3KL13	18	0.450	1.278	4.0	4	0.500	O	O	X
9/16"-20	9162012-BH3KL13	20	0.450	1.250	4.0	4	0.500	O	O	X
9/16"-24	9162412-BH3KL13	24	0.450	1.250	4.0	4	0.500	O	O	X
9/16"-28	9162812-BH3KL13	28	0.450	1.250	4.0	4	0.500	O	O	X
9/16"-32	9163212-BH3KL13	32	0.450	1.250	4.0	4	0.500	O	O	X
5/8"-11	581112-BH3KL15	11	0.470	1.455	4.0	4	0.500	O	O	X
5/8"-14	581412-BH3KL14	14	0.495	1.429	4.0	4	0.500	O	O	X
5/8"-16	581612-BH3KL14	16	0.495	1.438	4.0	4	0.500	O	O	X
5/8"-18	581812-BH3KL14	18	0.495	1.444	4.0	4	0.500	O	O	X
5/8"-20	582012-BH3KL14	20	0.495	1.400	4.0	4	0.500	O	O	X
5/8"-24	582412-BH3KL14	24	0.495	1.417	4.0	4	0.500	O	O	X
5/8"-28	582812-BH3KL14	28	0.495	1.429	4.0	4	0.500	O	O	X

X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request - Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金高螺旋加长型螺纹铣刀

中通冷却 (K) - 续

-30度螺旋角

-难加工材料的螺纹加工

-中心通孔内冷

-刀刃长度=2.25X螺纹直径

-此刀具用于加工内螺纹

最小可加工尺寸	刀具编号	螺距	切削径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
3/4"-10	341058-BH3KL17	10	0.620	1.700	4.0	5	0.625	O	O	X
3/4"-12	341258-BH3KL18	12	0.620	1.750	4.0	5	0.625	O	O	X
3/4"-14	341458-BH3KL17	14	0.620	1.714	4.0	5	0.625	O	O	X
3/4"-16	341658-BH3KL17	16	0.620	1.688	4.0	5	0.625	O	O	X
3/4"-18	341858-BH3KL17	18	0.620	1.667	4.0	5	0.625	O	O	X
3/4"-20	342058-BH3KL17	20	0.620	1.700	4.0	5	0.625	O	O	X
3/4"-24	342458-BH3KL17	24	0.620	1.667	4.0	5	0.625	O	O	X
3/4"-28	342858-BH3KL17	28	0.620	1.679	4.0	5	0.625	O	O	X
3/4"-32	343258-BH3KL17	32	0.620	1.688	4.0	5	0.625	O	O	X
7/8"-9	780934-BH3KL20	9	0.725	2.000	5.0	6	0.750	O	O	X
7/8"-10	781034-BH3KL20	10	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-12	781234-BH3KL20	12	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-14	781434-BH3KL20	14	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-16	781634-BH3KL20	16	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-18	781834-BH3KL20	18	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-20	782034-BH3KL20	20	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-24	782434-BH3KL20	24	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-28	782834-BH3KL20	28	0.745	2.000	5.0	6	0.750	O	O	X
7/8"-32	783234-BH3KL20	32	0.745	2.000	5.0	6	0.750	O	O	X
1"-7	010734-BH3KL23	7	0.745	2.286	5.0	6	0.750	O	O	X
1"-8	010834-BH3KL23	8	0.745	2.250	5.0	6	0.750	O	O	X
1 1/4"-7	1250701-BH3KL29	7	0.995	2.857	5.0	6	1.000	O	O	X
1 1/4"-8	1250801-BH3KL29	8	0.995	2.875	5.0	6	1.000	O	O	X
1 3/8"-6	1380601-BH3KL32	6	0.995	3.167	6.0	6	1.000	O	O	X

X = In Stock ; O = Special Order ; Other Coatings Available ; Call for Delivery
Other Sizes Available Upon Request – Tools will cut internal & external thread
*Designates Staggered Thread

整体硬质合金加长型螺纹铣刀

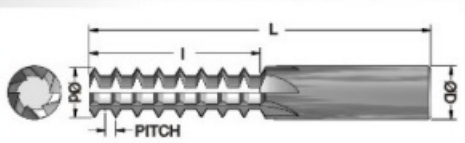
美标UN跳齿E2 & E3型

-美标UN单跳齿E2 型加长螺纹铣刀

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
#10-24	1024316-E2CR	24	0.140	0.500	3	2.5	0.188	O	X	O
#12-28	1228316-E2CR	28	0.160	0.500	3	2.5	0.188	O	X	O
1/4"-28	142814-E2CR	28	0.180	0.750	3	3.0	0.250	O	X	O
1/4"-20	1420316-E2CR	20	0.160	0.500	3	2.5	0.188	O	X	O
5/16"-24	5162414-E2CR	24	0.200	0.833	3	3.0	0.250	O	X	O
5/16"-18	5161814-E2CR	18	0.200	0.667	3	3.0	0.250	O	X	O
3/8"-24	382414-E2CR	24	0.240	0.833	5	3.0	0.250	O	X	O
3/8"-16	381614-E2CR	16	0.240	0.750	5	3.0	0.250	O	X	O
7/16"-20	71620516-E2CR	20	0.310	1.000	5	3.0	0.312	O	X	O
7/16"-14	71614516-E2CR	14	0.310	0.857	5	3.0	0.312	O	X	O
1/2"-13	1213516-E2CR	13	0.310	1.077	5	3.0	0.312	O	X	O
9/16"-12	9161238-E2CR	12	0.370	1.333	5	3.0	3.750	O	X	O
5/8"-11	581112-E2CR	11	0.437	1.455	5	4.0	0.500	O	X	O
11/16"-16	11161612-E2CR	16	0.470	1.625	5	4.0	0.500	O	X	O
3/4"-12	341212-E2CR	12	0.470	1.500	5	4.0	0.500	O	X	O
3/4"-10	341012-E2CR	10	0.470	1.600	5	4.0	0.500	O	X	O
7/8"-9	780958-E2CR	9	0.620	2.000	6	4.0	0.625	O	X	O
1"-8	010858-E2CR	8	0.620	2.000	6	4.0	0.625	O	X	O

美标UN双跳齿E3 型加长螺纹铣刀

最小可加工尺寸	刀具编号	螺距	切割径 (d)	刀刃长度 (l)	刀刃数	刀具总长 (L)	刀柄直径 (D)	可选择涂层		
								无涂层	Z	V
#10-24	1024316-E3CR	24	0.140	0.750	3	2.5	0.188	O	X	O
#12-28	1228316-E3CR	28	0.160	0.750	3	2.5	0.188	O	X	O
1/4"-28	142814-E3CR	28	0.180	0.750	3	3.0	0.250	O	X	O
1/4"-20	1420316-E3CR	20	0.160	0.750	3	2.5	0.188	O	X	O
5/16"-24	5162414-E3CR	24	0.200	1.000	3	3.0	0.250	O	X	O
5/16"-18	5161814-E3CR	18	0.200	1.000	3	3.0	0.250	O	X	O
3/8"-24	382414-E3CR	24	0.240	1.000	5	3.0	0.250	O	X	O
3/8"-16	381614-E3CR	16	0.240	1.125	5	3.0	0.250	O	X	O
7/16"-20	71620516-E3CR	20	0.310	1.200	5	3.0	0.312	O	X	O
7/16"-14	71614516-E3CR	14	0.310	1.286	5	3.0	0.312	O	X	O
1/2"-13	1213516-E3CR	13	0.310	1.385	5	3.0	0.312	O	X	O
9/16"-12	9161238-E3CR	12	0.370	1.500	5	3.0	0.375	O	X	O
5/8"-11	581112-E3CR	11	0.437	1.909	5	4.0	0.500	O	X	O
3/4"-12	341212-E3CR	12	0.470	2.000	5	4.0	0.500	O	X	O
3/4"-10	341012-E3CR	10	0.470	2.100	5	4.0	0.500	O	X	O
7/8"-9	780958-E3CR	9	0.620	2.000	6	4.0	0.625	O	X	O
1"-8	010858-E3CR	8	0.620	2.250	6	4.0	0.625	O	X	O
1-1/8"-7	1120758-E3CR	7	0.620	2.143	6	4.0	0.625	O	X	O



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