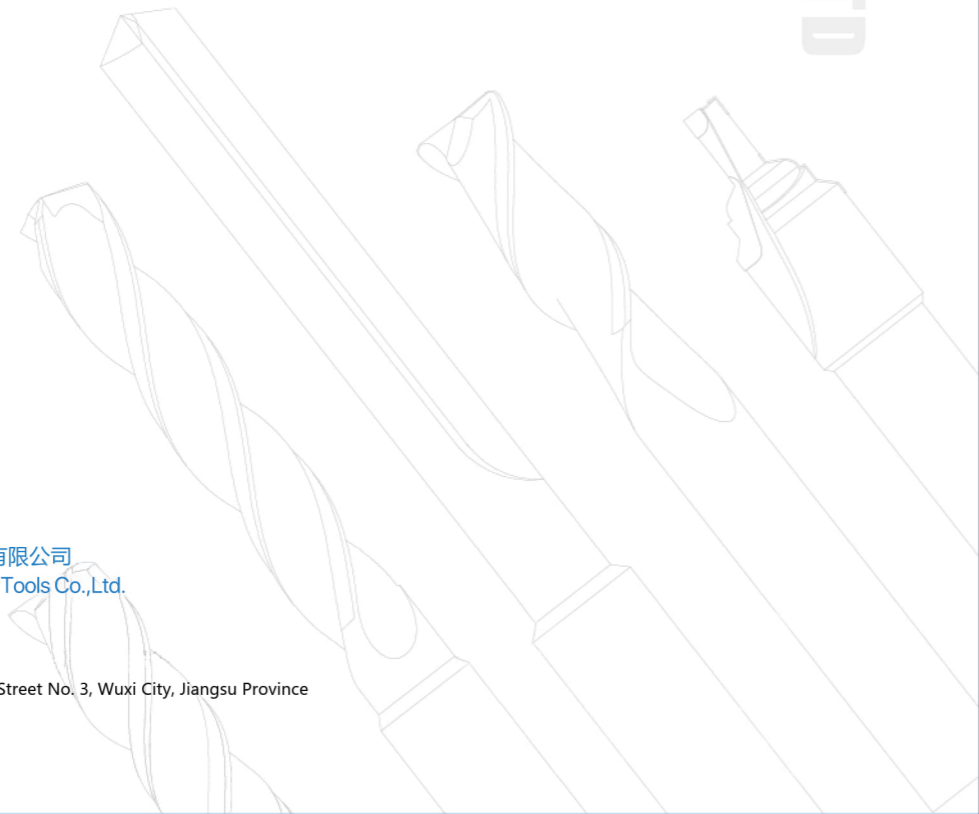


- 非标定制  
Custom made
- 品质优秀  
Excellent quality
- 快速响应  
Quick response

AS PRECISION TOOLS CO.,LTD



**ASPTOOL** | 阿斯精密工具有限公司  
Astec Precision Tools Co.,Ltd.

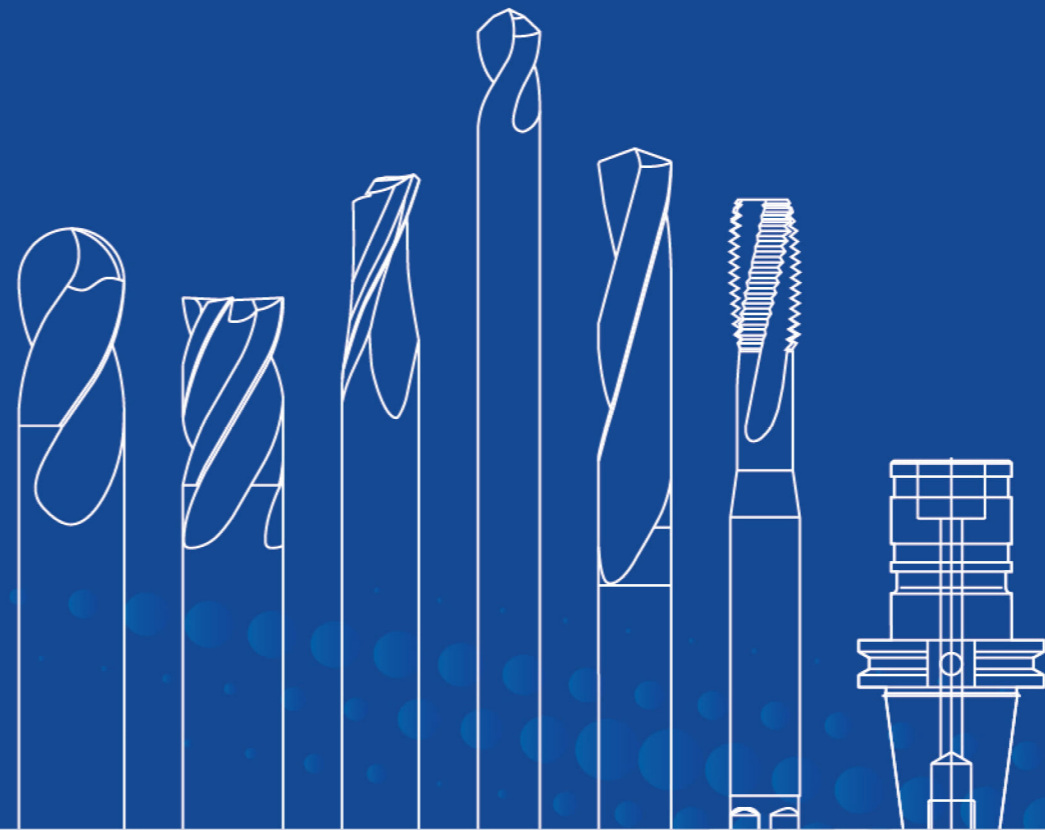
地址：江苏省无锡市金融三街嘉凯财富中心  
Jia Kai Cheng Fortune Center, Finance Street No. 3, Wuxi City, Jiangsu Province

邮箱：info@asp-tool.com

金属切削刀具专业供应商 | SPECIALIST in METAL CUTTING TOOLS

**ASPTOOL**

阿斯精密工具有限公司  
Astec Precision Tools Co.,Ltd.



# EQUIPMENT

设备介绍



01 瑞士TTB五轴磨刀机



SAACKE  
PRECISION  
in a compact design



02 德国SAACKE五轴磨刀机

04 日本MAKINO五轴磨刀机

05 德国ZOLLER刀具测量仪

03 德国SCHUTTE五轴磨刀机

06 德国WALTER刀具测量仪



Presetting, measuring, and  
inspection machine «smileCheck»  
with swivable incident light camera



06

# PRODUCT INTRODUCTION

产品介绍



## 铣刀系列

MILLING CUTTER SERIES

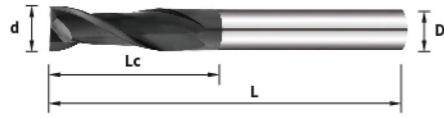


钨钢标准平头铣刀 Carbide Square End Mills

钨钢铣刀

二刃平头铣刀

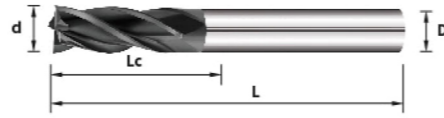
Two-Flute Square End Mills



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC210752	Φ0.5	4	1	50
	Φ0.8	4	2	50
	Φ1	4	3	50
	Φ1.5	4	5	50
	Φ2	4	5	50
	Φ2.5	4	6	50
	Φ3	4	8	50
	Φ3.5	4	10	50
	Φ4	4	10	50
	Φ5	6	15	50
	Φ6	6	15	50
	Φ8	8	20	60
	Φ10	10	25	75
	Φ12	12	30	75
	Φ14	14	35	82
	Φ16	16	40	100
Φ18	18	40	100	
Φ20	20	45	100	
Φ25	25	45	110	

四刃平头铣刀

Four-Flute Square End Mills



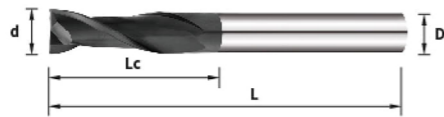
产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC210754	Φ1	4	3	50
	Φ1.5	4	5	50
	Φ2	4	5	50
	Φ2.5	4	8	50
	Φ3	4	8	50
	Φ3.5	4	10	50
	Φ4	4	10	50
	Φ5	6	15	50
	Φ6	6	15	50
	Φ8	8	20	60
	Φ10	10	25	75
	Φ12	12	30	75
	Φ14	14	35	82
	Φ16	16	40	100
	Φ18	18	40	100
	Φ20	20	45	100
Φ25	25	45	110	

钨钢加长平头铣刀 Carbide Square End Mills-Long

钨钢铣刀

二刃加长平头铣刀

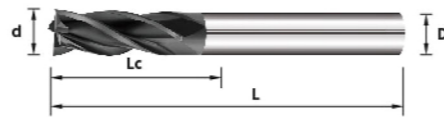
Two-Flute Square End Mills



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC210752	Φ4	4	25	75
	Φ6	6	30	100
	Φ8	8	40	100
	Φ10	10	40	100
	Φ12	12	50	100
	Φ16	16	70	150
	Φ20	20	70	150
	Φ25	25	70	150

四刃加长平头铣刀

Four-Flute Square End Mills



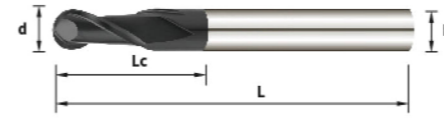
产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC210754	Φ4	4	25	75
	Φ6	6	30	100
	Φ8	8	40	100
	Φ10	10	40	100
	Φ12	12	50	100
	Φ16	16	70	150
	Φ20	20	70	150
	Φ25	25	70	150

钨钢标准球头铣刀 Carbide Ball Nose End Mills

钨钢铣刀

二刃球头铣刀

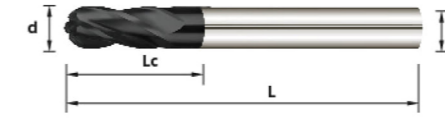
Two-Flute Ball Nose End Mills



产品编号 Art No.	规格 (mm)			
	圆角R	柄径D	刃长Lc	总长L
EC220752	R0.5	4	2	50
	R0.75	4	3	50
	R1.0	4	4	50
	R1.5	4	6	50
	R2	4	8	50
	R2.5	6	10	50
	R3	6	12	50
	R4	8	16	60
	R5	10	20	75
	R6	12	24	75
	R8	16	32	100
	R10	20	45	100
R12.5	25	45	110	

四刃球头铣刀

Four-Flute Ball Nose End Mills



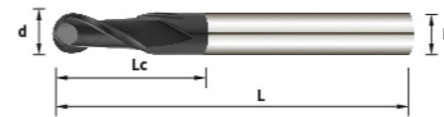
产品编号 Art No.	规格 (mm)			
	圆角R	柄径D	刃长Lc	总长L
EC220754	R0.5	4	2	50
	R0.75	4	3	50
	R1.0	4	4	50
	R1.5	4	6	50
	R2	4	8	50
	R2.5	6	10	50
	R3	6	12	50
	R4	8	16	60
	R5	10	20	75
	R6	12	24	75
	R8	16	32	100
	R10	20	45	100
R12.5	25	45	110	

钨钢加长球头铣刀 Carbide Ball Nose End Mills-Long

钨钢铣刀

二刃球头加长铣刀

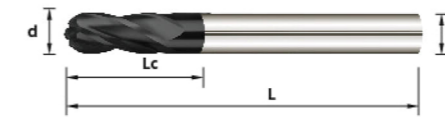
Two-Flute Ball Nose End Mills (long)



产品编号 Art No.	规格 (mm)			
	圆角R	柄径D	刃长Lc	总长L
EC220752	R3	6	25	100
	R4	8	25	100
	R5	10	25	100
	R6	12	45	100
	R8	16	45	150
	R10	20	45	150

四刃球头加长铣刀

Four-Flute Ball Nose End Mills (long)



产品编号 Art No.	规格 (mm)			
	圆角R	柄径D	刃长Lc	总长L
EC220754	R3	6	30	100
	R4	8	40	100
	R5	10	40	100
	R6	12	50	100
	R8	16	60	150
	R10	20	60	150

二刃圆鼻铣刀

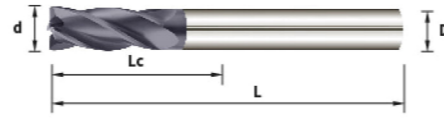
Two-Flute Corner Radius End Mills



产品编号 Art No.	规格 (mm)				
	直径d	圆角R	柄径D	刃长Lc	总长L
EC230752	2	R0.2	4	4	50
	2	R0.5	4	4	50
	3	R0.2	4	8	50
	3	R0.5	4	8	50
	3	R1	4	8	50
	4	R0.5	4	10	50
	4	R1	4	10	50
	5	R0.5	6	12	50
	5	R1	6	12	50
	6	R0.5	6	16	50
	6	R1	6	16	50
	8	R0.5	8	20	60
	8	R1	8	20	60
	8	R1.5	10	20	60
	10	R0.5	10	25	75
	10	R1	10	25	75
	10	R1.5	10	25	75
	10	R2	10	25	75
	12	R0.5	12	28	75
	12	R1	12	28	75
12	R1.5	12	28	75	
12	R2	12	28	75	
12	R3	12	28	75	
16	R1	16	45	100	
16	R2	16	45	100	
16	R3	16	45	100	
20	R1	20	45	100	
20	R2	20	45	100	
20	R3	20	45	100	

四刃圆鼻铣刀

Four-Flute Corner Radius End Mills

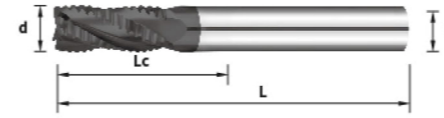


产品编号 Art No.	规格 (mm)				
	直径d	圆角R	柄径D	刃长Lc	总长L
EC230754	2	R0.2	4	4	50
	2	R0.5	4	4	50
	3	R0.2	4	8	50
	3	R0.5	4	8	50
	3	R1	4	8	50
	4	R0.5	4	10	50
	4	R1	4	10	50
	5	R0.5	6	12	50
	5	R1	6	12	50
	6	R0.5	6	16	50
	6	R1	6	16	50
	8	R0.5	8	20	60
	8	R1	8	20	60
	8	R1.5	10	20	60
	10	R0.5	10	25	75
	10	R1	10	25	75
	10	R1.5	10	25	75
	10	R2	10	25	75
	12	R0.5	12	28	75
	12	R1	12	28	75
12	R1.5	12	28	75	
12	R2	12	28	75	
12	R3	12	28	75	
16	R1	16	45	100	
16	R2	16	45	100	
16	R3	16	45	100	
20	R1	20	45	100	
20	R2	20	45	100	
20	R3	20	45	100	

NOTE:

四刃钨钢粗皮铣刀(粗齿)

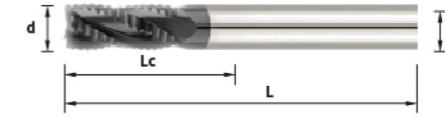
Four-Flute Roughing End Mills (Coarse Pitch)



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC240104	Φ5	6	15	50
	Φ6	6	15	60
	Φ8	8	20	70
	Φ10	10	25	75
	Φ12	12	30	80
	Φ14	12	35	90
	Φ16	16	40	95
	Φ18	16	40	95
	Φ20	20	45	110
	Φ25	25	50	120

四刃钨钢粗皮铣刀(细齿)

Four-Flute Roughing End Mills (Fine Pitch)

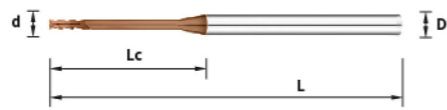


产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC240G04	Φ5	6	15	50
	Φ6	6	15	60
	Φ8	8	20	70
	Φ10	10	25	75
	Φ12	12	30	80
	Φ14	12	35	90
	Φ16	16	40	95
	Φ18	16	40	95
	Φ20	20	45	110
	Φ25	25	50	120

NOTE:

二刃平头微小径铣刀

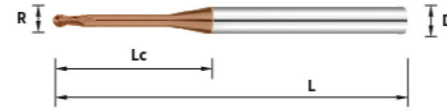
Micro End Mills-Square End



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
GC410102	0.2	3	4	50
	0.3	3	4	50
	0.4	3	8	50
	0.5	3	8	50
	0.6	3	8	50
	0.7	3	10	50
	0.8	3	10	50
	0.9	3	12	50
	1	3	12	50
	1.1	3	16	50
	1.2	3	16	50
	1.3	3	20	50
	1.4	3	20	50
	1.5	3	20	50
	1.6	3	25	50
	1.7	3	25	50
	1.8	3	25	50
	1.9	3	25	50
	2	3	28	50
	2.1	3	28	50
2.2	3	28	50	
2.3	3	28	50	
2.4	3	28	50	
2.5	3	45	50	
2.6	3	45	50	
2.7	3	45	50	
2.8	3	45	50	
2.9	3	45	50	
3	3	45	50	

二刃球头微小径铣刀

Micro End Mills-Ball Nose

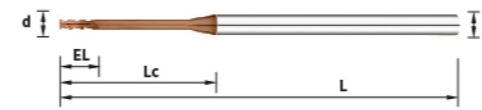


产品编号 Art No.	规格 (mm)			
	R	柄径D	刃长Lc	总长L
GC420102	R0.1	0.4	3	50
	R0.15	0.6	3	50
	R0.2	0.8	3	50
	R0.25	1	3	50
	R0.3	1.2	3	50
	R0.35	1.4	3	50
	R0.4	1.6	3	50
	R0.5	2	3	50
	R0.6	2.5	3	50
	R0.7	3	3	50
	R0.75	3	3	50
	R0.8	3.5	3	50
	R0.9	4	3	50
	R1	4	3	50
	R1.1	4.5	3	50
	R1.2	5	3	50
R1.25	5	3	50	
R1.5	6	3	50	

NOTE:

二刃加长平头微小径铣刀

Micro End Mills-Square End (Long reach)

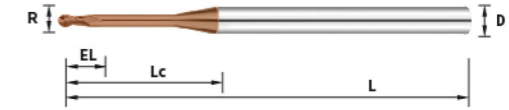


产品编号 Art No.	规格 (mm)				
	刃径d	柄径D	刃长Lc	EL	总长L
GC410202	0.4	3	1	2	50
	0.4	3	1	4	50
	0.5	3	1	2	50
	0.5	3	1	4	50
	0.5	3	1	6	50
	0.6	3	1	2	50
	0.6	3	1	4	50
	0.6	3	1	6	50
	0.7	3	1	2	50
	0.7	3	1	4	50
	0.7	3	1	6	50
	0.8	3	1	2	50
	0.8	3	1	4	50
	0.8	3	1	6	50
	1	3	1.5	6	50
	1	3	1.5	8	50
	1	3	1.5	10	50
	1	3	1.5	12	50
	1.5	3	2	8	50
	1.5	3	2	10	50
1.5	3	2	12	50	
1.5	3	2	16	50	
2	3	3	8	50	
2	3	3	10	50	
2	3	3	12	50	
2	3	3	16	50	
2	3	3	20	50	
2.5	3	3	10	50	
2.5	3	3	12	50	
2.5	3	3	16	50	
2.5	3	3	20	50	
3	3	4	10	50	
3	3	4	12	50	
3	3	4	16	50	
3	3	4	20	50	
3	3	4	25	50	

NOTE:

二刃加长球头微小径铣刀

Micro End Mills-Ball Nose (Long reach)

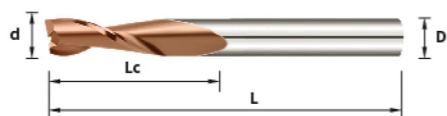


产品编号 Art No.	规格 (mm)				
	R	柄径D	刃长Lc	EL	总长L
GC420202	R0.25	3	0.75	2	50
	R0.25	3	0.75	4	50
	R0.25	3	0.75	6	50
	R0.25	3	0.75	8	50
	R0.3	3	0.9	2	50
	R0.3	3	0.9	4	50
	R0.3	3	0.9	6	50
	R0.3	3	0.9	8	50
	R0.4	3	1.2	2	50
	R0.4	3	1.2	4	50
	R0.4	3	1.2	6	50
	R0.4	3	1.2	8	50
	R0.5	3	1.5	6	50
	R0.5	3	1.5	8	50
	R0.5	3	1.5	10	50
	R0.5	3	1.5	12	50
	R0.75	3	2	8	50
	R0.75	3	2	10	50
	R0.75	3	2	12	50
	R0.75	3	2	16	50
	R0.75	3	2	20	50
	R0.8	3	2.5	8	50
	R0.8	3	2.5	12	50
	R0.8	3	2.5	16	50
	R1	3	3	8	50
	R1	3	3	12	50
	R1	3	3	16	50
	R1	3	3	20	50
	R1.5	3	4	8	50
	R1.5	3	4	12	50
R1.5	3	4	16	50	
R1.5	3	4	20	50	
R1.5	3	4	25	50	

NOTE:

TAF二刃平头铣刀

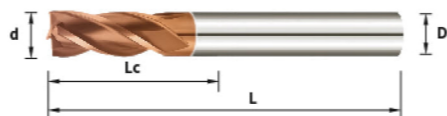
Two-Flute Square End Mills for Hard metal



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC410H02	Φ1	4	43	50
	Φ1.5	4	4	50
	Φ2	4	5	50
	Φ2.5	4	6	50
	Φ3	4	8	50
	Φ3.5	4	10	50
	Φ4	4	10	50
	Φ5	6	15	50
	Φ6	6	15	50
	Φ8	8	20	60
	Φ10	10	25	75
	Φ12	12	30	75
	Φ14	14	35	83
	Φ16	16	40	100
	Φ18	18	40	100
	Φ20	20	45	100
	Φ25	25	45	110
	Φ4	4	25	75
Φ6	6	30	100	
Φ8	8	40	100	
Φ10	10	40	100	
Φ12	12	50	100	
Φ16	16	70	150	
Φ20	20	70	150	

TAF四刃平头铣刀

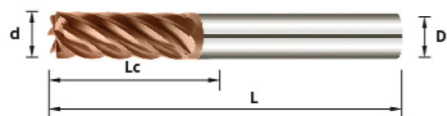
Four-Flute Square End Mills for Hard Metal



产品编号 Art No.	规格 (mm)			
	R	柄径D	刃长Lc	总长L
EC410H04	Φ1	4	3	50
	Φ1.5	4	4	50
	Φ2	4	5	50
	Φ2.5	4	8	50
	Φ3	4	8	50
	Φ3.5	4	10	50
	Φ4	4	10	50
	Φ5	6	12	50
	Φ6	6	12	50
	Φ8	8	20	60
	Φ10	10	25	75
	Φ12	12	25	75
	Φ14	14	35	83
	Φ16	16	40	100
	Φ18	18	40	100
	Φ20	20	45	100
	Φ25	25	45	110
	Φ4	4	10	75
	Φ6	6	12	75
	Φ6	6	12	100
Φ8	8	20	75	
Φ8	8	20	100	
Φ10	10	25	100	
Φ12	12	25	100	
Φ16	16	70	150	
Φ20	20	70	150	

TAF六刃平头铣刀

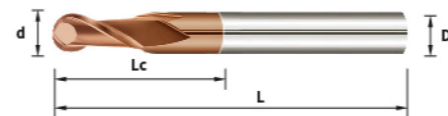
Six-Flute End Mills for Hard Metal



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC410H06	Φ4	6	10	50
	Φ5	6	15	50
	Φ6	6	15	50
	Φ8	8	20	60
	Φ10	10	25	75
	Φ12	12	30	75
	Φ14	14	35	83
	Φ16	16	40	100
	Φ18	18	40	100
	Φ20	20	45	100
Φ25	25	45	110	

TAF二刃球头铣刀

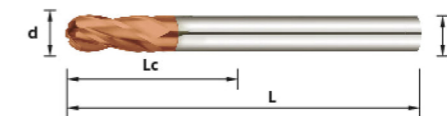
Two-Flute Ball Nose End Mills for Hard Metal



产品编号 Art No.	规格 (mm)			
	圆角R	柄径D	刃长Lc	总长L
EC420H02	R0.5	4	2	50
	R0.75	4	3	50
	R1.0	4	4	50
	R1.5	4	6	50
	R2	4	8	50
	R2.5	6	10	50
	R3	6	12	50
	R4	8	16	60
	R5	10	20	75
	R6	12	24	75
	R8	16	32	100
	R10	20	45	100
R12.5	25	45	110	

TAF四刃球头铣刀

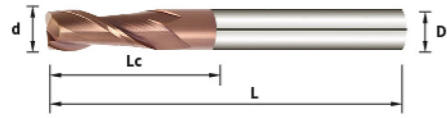
Four-Flute Ball Nose End Mills for Hard Metal



产品编号 Art No.	规格 (mm)			
	圆角R	柄径D	刃长Lc	总长L
EC420H04	R0.5	4	2	50
	R0.75	4	3	50
	R1.0	4	4	50
	R1.5	4	6	50
	R2	4	6	50
	R2.5	6	10	50
	R3	6	10	50
	R4	8	14	60
	R5	10	18	75
	R6	12	18	100
	R8	16	32	100
	R10	20	45	100
	R12.5	25	45	110
	R2	4	6	75
	R3	6	10	60
	R3	6	10	75
	R3	6	10	100
	R4	8	14	75
	R4	8	14	100
	R5	10	18	100

TAF二刃圆鼻铣刀

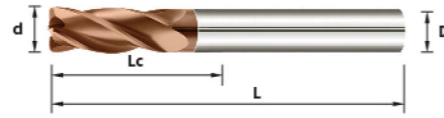
Two-Flute Corner Radius End Mills for Hard Metal



产品编号 Art No.	规格 (mm)				
	直径d	圆角R	柄径D	刃长Lc	总长L
EC430H02	2	R0.2	4	4	50
	2	R0.5	4	4	50
	3	R0.2	4	8	50
	3	R0.5	4	8	50
	3	R1	4	8	50
	4	R0.5	4	10	50
	4	R1	4	10	50
	5	R0.5	6	12	50
	5	R1	6	12	50
	6	R0.5	6	16	50
	6	R1	6	16	50
	8	R0.5	8	20	60
	8	R1	8	20	60
	8	R1.5	10	20	60
	10	R0.5	10	25	75
	10	R1	10	25	75
	10	R1.5	10	25	75
	10	R2	10	25	75
	12	R0.5	12	28	75
	12	R1	12	28	75
12	R1.5	12	28	75	
12	R2	12	28	75	
12	R3	12	28	75	
16	R1	16	45	100	
16	R2	16	45	100	
16	R3	16	45	100	
20	R1	20	45	100	
20	R2	20	45	100	
20	R3	20	45	100	

TAF四刃圆鼻铣刀

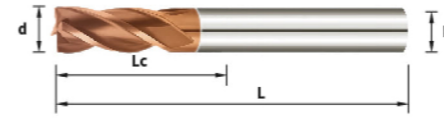
Four-Flute Ball Nose End Mills for Hard Metal



产品编号 Art No.	规格 (mm)				
	直径d	圆角R	柄径D	刃长Lc	总长L
EC430H04	1	R0.2	4	2	50
	1.5	R0.2	4	4	50
	2	R0.2	4	5	50
	2	R0.5	4	5	50
	3	R0.2	4	6	50
	3	R0.5	4	6	50
	3	R1	4	8	50
	4	R0.2	4	8	50
	4	R0.5	4	8	50
	4	R0.5	4	8	75
	5	R0.5	6	12	50
	5	R1	6	12	50
	6	R0.2	6	12	50
	6	R0.2	6	12	60
	6	R0.2	6	12	75
	6	R0.5	6	12	50
	6	R0.5	6	12	60
	6	R0.5	6	12	75
	6	R0.5	6	12	100
	6	R1	6	12	100
	8	R0.5	8	16	60
	8	R0.5	8	16	75
	8	R0.5	8	16	100
	8	R1	8	16	60
	8	R1	8	16	75
	8	R1	8	16	100
	10	R0.5	10	22	75
	10	R0.5	10	22	100
	10	R1	10	22	75
	10	R1	10	22	100
	12	R0.5	12	25	75
	12	R0.5	12	25	100
	12	R1	12	25	100
	12	R2	12	28	75
	12	R3	12	28	75
	16	R1	16	45	100
	16	R2	16	45	100
	16	R3	16	45	100
	20	R1	20	45	100
	20	R2	20	45	100
20	R3	20	45	100	

四刃钛合金专用铣刀

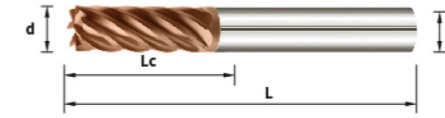
Four-Flute End Mills for Titanium



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC510754	4	6	10	50
	5	6	15	50
	6	6	15	50
	8	8	20	60
	10	10	25	75
	12	12	30	75
	14	14	35	82
	16	16	40	100
	18	18	40	100
	20	20	45	100
	25	25	45	110

六刃钛合金专用铣刀

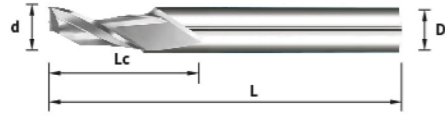
Six-Flute End Mills for Titanium



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC510756	4	6	10	50
	5	6	15	50
	6	6	15	50
	8	8	20	60
	10	10	25	75
	12	12	30	75
	14	14	35	82
	16	16	40	100
	18	18	40	100
	20	20	45	100
	25	25	45	110

单刃铝合金专用铣刀

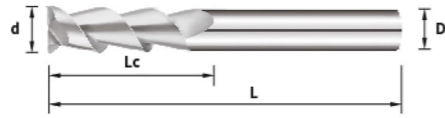
One-Flute End Mills for Aluminium



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC160801	Φ2	4	10	50
	Φ3	4	12	50
	Φ4	4	15	50
	Φ5	6	16	50
	Φ6	6	20	50
	Φ8	8	25	70
	Φ10	10	25	75
	Φ12	12	25	75
	Φ20	16	40	100

二刃铝合金专用铣刀

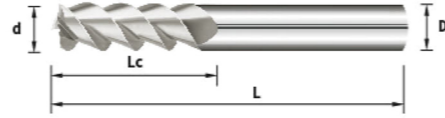
Two-Flute End Mills for Aluminium



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC160802	Φ1	4	4	50
	Φ1.5	4	5	50
	Φ2	4	6	50
	Φ2.5	4	6	50
	Φ3	4	8	50
	Φ4	4	12	50
	Φ5	6	16	50
	Φ6	6	18	50
	Φ8	8	22	60
	Φ10	10	28	75
	Φ12	12	30	75
	Φ16	16	40	100
	Φ18	18	40	100
	Φ20	20	45	100
	Φ25	25	45	110
	Φ6	6	35	75
	Φ6	6	35	100
	Φ8	8	35	75
	Φ8	8	45	100
	Φ10	10	45	100
	Φ12	12	45	100
Φ16	16	65	150	
Φ20	20	70	150	

三刃铝合金专用铣刀

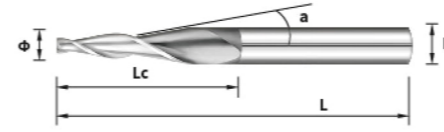
Three-Flute End Mills for Aluminium



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC160803	Φ1	4	4	50
	Φ1.5	4	4	50
	Φ2	4	6	50
	Φ2.5	4	6	50
	Φ3	4	8	50
	Φ4	4	12	50
	Φ5	6	16	50
	Φ6	6	18	50
	Φ8	8	22	60
	Φ10	10	28	75
	Φ12	12	30	75
	Φ16	16	40	90
	Φ18	18	40	100
	Φ20	20	45	100
	Φ25	25	45	110
	Φ6	6	35	75
	Φ6	6	35	100
Φ8	8	35	75	
Φ8	8	45	100	
Φ10	10	45	100	
Φ12	12	45	100	
Φ16	16	65	150	
Φ20	20	70	150	

二刃锥度平头铣刀

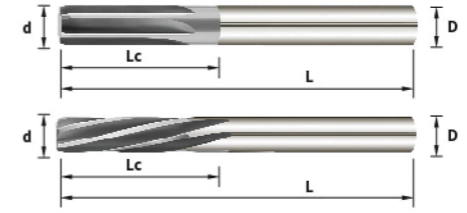
Two-Flute Tapered End Mills



产品编号 Art No.	规格 (mm)					
	Φ	a	直径d	柄径D	刃长Lc	总长L
EC455032	1	0.5°	1.17	4	10	50
	1	1°	1.35	4	10	50
	1	1.5°	1.52	4	10	50
	1	2°	1.7	4	10	50
	1	2.5°	1.87	4	10	50
	1	3°	2.05	4	10	50
	1	5°	2.74	4	10	50
	1	7°	3.44	4	10	50
	1.5	0.5°	1.67	4	10	50
	1.5	1°	1.87	4	10	50
	1.5	1.5°	2.02	4	10	50
	1.5	2°	2.20	4	10	50
	1.5	2.5°	2.37	4	10	50
	1.5	3°	2.55	4	10	50
	2	0.5°	2.22	4	10	50
	2	1°	2.45	4	10	50
	2	1.5°	2.68	4	10	50
	2	2°	2.90	4	10	50
	2	2.5°	3.13	4	10	50
	2	3°	3.36	4	10	50
	2	5°	4.27	4	10	50
	2.5	0.5°	2.76	4	15	50
	2.5	1°	3.03	4	15	50
	2.5	1.5°	3.29	4	15	50
	2.5	2°	3.55	4	15	50
	2.5	2.5°	3.61	4	15	50
	2.5	3°	4.07	6	15	50
	2.5	5°	5.13	6	15	50
	3	0.5°	3.35	6	20	60
	3	1°	3.70	6	20	60
	3	1.5°	4.05	6	20	60
	3	2°	4.39	6	20	60
	3	2.5°	4.75	6	20	60
3	3°	5.10	6	20	60	
3	5°	6.50	6	20	60	
4	0.5°	4.44	6	25	60	
4	1°	4.48	6	25	60	
4	1.5°	5.31	6	25	60	
4	2°	5.75	6	25	60	
4	2.5°	6.91	8	25	60	
4	3°	6.62	8	25	60	
4	5°	8.38	10	25	75	

直槽螺旋槽 钨钢铰刀H7

Carbide Reamers H7



产品编号 Art No.	规格 (mm)			
	刃径d	柄径D	刃长Lc	总长L
EC240104	2	3	20	55
	3	3	20	55
	4	4	20	55
	5	5	22	60
	6	6	22	60
	8	8	25	70
	10	10	25	70
	12	12	28	80



# 钻头系列

Drill bit series



螺旋钻头



钢用麻花钻



ECO经济型硬质合金



不锈钢专用麻花钻



铝合金专用麻花钻



直槽钻头



ECO经济型定柄3合金钻



高效硬质合金



高效硬质合金钻头

## 高效硬质合金钻头 3XD Carbide Drills 3XD

### UBT-ZDU-3D

- 尺寸形式 参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理

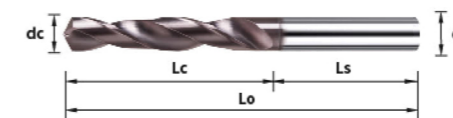


产品编号 Art No.	外径dc	槽长lf	柄长ls	总长Lo	柄径ds	丝锥推荐	
						切削丝锥	挤压丝锥
UBT-ZDU-3D-030	3.0	20	28	58	4		
UBT-ZDU-3D-031	3.1	20	28	58	4		
UBT-ZDU-3D-032	3.2	20	28	58	4		
UBT-ZDU-3D-033	3.3	20	28	58	4	M4x0.7	
UBT-ZDU-3D-034	3.4	20	28	58	4	NO.8-32UNC	
UBT-ZDU-3D-035	3.5	20	28	58	4	M4x0.5 NO.8-36UNC	
UBT-ZDU-3D-036	3.6	20	28	58	4		
UBT-ZDU-3D-037	3.7	20	28	58	4		M4x0.7
UBT-ZDU-3D-038	3.8	24	30	62	4		M4x0.5
UBT-ZDU-3D-039	3.9	24	30	62	4	NO.10-24UNC	
UBT-ZDU-3D-040	4.0	24	30	62	4		
UBT-ZDU-3D-041	4.1	24	36	66	6	NO.10-32UNC	
UBT-ZDU-3D-042	4.2	24	36	66	6	M5x0.8	
UBT-ZDU-3D-043	4.3	24	36	66	6		
UBT-ZDU-3D-044	4.4	24	36	66	6		
UBT-ZDU-3D-045	4.5	24	36	66	6	M5x0.5 NO.10-24UNC	
UBT-ZDU-3D-046	4.6	24	36	66	6	NO.12-28UNC	
UBT-ZDU-3D-047	4.7	24	36	66	6	NO.12-32UNC	
UBT-ZDU-3D-048	4.8	28	36	66	6		
UBT-ZDU-3D-049	4.9	28	36	66	6		
UBT-ZDU-3D-050	5.0	28	36	66	6	M6x1	
UBT-ZDU-3D-051	5.1	28	36	66	6	1/4-20UNC	
UBT-ZDU-3D-052	5.2	28	36	66	6		
UBT-ZDU-3D-053	5.3	28	36	66	6	M6x0.75	
UBT-ZDU-3D-054	5.4	28	36	66	6		
UBT-ZDU-3D-055	5.5	28	36	66	6	1/4-28UNF	M6x1
UBT-ZDU-3D-056	5.6	28	36	66	6	1/4-32UNF	
UBT-ZDU-3D-057	5.7	28	36	66	6		
UBT-ZDU-3D-058	5.8	28	36	66	6		
UBT-ZDU-3D-059	5.9	28	36	66	6		
UBT-ZDU-3D-060	6.0	28	36	66	6		
UBT-ZDU-3D-061	6.1	34	36	79	8		
UBT-ZDU-3D-062	6.2	34	36	79	8		
UBT-ZDU-3D-063	6.3	34	36	79	8		
UBT-ZDU-3D-064	6.4	34	36	79	8		
UBT-ZDU-3D-065	6.5	34	36	79	8		
UBT-ZDU-3D-066	6.6	34	36	79	8	5/16-18UNC	
UBT-ZDU-3D-067	6.7	34	36	79	8		
UBT-ZDU-3D-068	6.8	34	36	79	8	M8x1.25	
UBT-ZDU-3D-069	6.9	34	36	79	8	5/16-24UNC	
UBT-ZDU-3D-070	7.0	34	36	79	8	M8x1	
UBT-ZDU-3D-071	7.1	41	36	79	8	5/16-32UNC	
UBT-ZDU-3D-072	7.2	41	36	79	8		
UBT-ZDU-3D-073	7.3	41	36	79	8	M8x0.75	
UBT-ZDU-3D-074	7.4	41	36	79	8		M8x1.25
UBT-ZDU-3D-075	7.5	41	36	79	8		
UBT-ZDU-3D-076	7.6	41	36	79	8		
UBT-ZDU-3D-077	7.7	41	36	79	8		
UBT-ZDU-3D-078	7.8	41	36	79	8		
UBT-ZDU-3D-079	7.9	41	36	79	8		
UBT-ZDU-3D-080	8.0	41	36	79	8	3/8-16UNC	
UBT-ZDU-3D-081	8.1	47	40	89	10		
UBT-ZDU-3D-082	8.2	47	40	89	10		
UBT-ZDU-3D-083	8.3	47	40	89	10		

## 高效硬质合金钻头 3XD Carbide Drills 3XD

### UBT-ZDU-3D

- 尺寸形式 参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理

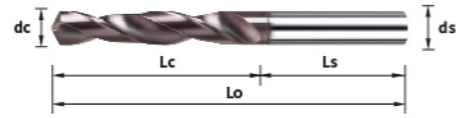


产品编号 Art No.	外径dc	槽长lf	柄长ls	总长Lo	柄径ds	丝锥推荐	
						切削丝锥	挤压丝锥
UBT-ZDU-3D-084	8.4	47	40	89	10		
UBT-ZDU-3D-085	8.5	47	40	89	10	M10x1.53/8-24UNF	M10x1.5
UBT-ZDU-3D-086	8.6	47	40	89	10		
UBT-ZDU-3D-087	8.7	47	40	89	10	3/8-32UNF	
UBT-ZDU-3D-088	8.8	47	40	89	10	M10x1.25	
UBT-ZDU-3D-089	8.9	47	40	89	10		
UBT-ZDU-3D-090	9.0	47	40	89	10	M10x1	
UBT-ZDU-3D-091	9.1	47	40	89	10		
UBT-ZDU-3D-092	9.2	47	40	89	10		
UBT-ZDU-3D-093	9.3	47	40	89	10	M10x0.75	
UBT-ZDU-3D-094	9.4	47	40	89	10		
UBT-ZDU-3D-095	9.5	47	40	89	10		
UBT-ZDU-3D-096	9.6	47	40	89	10		
UBT-ZDU-3D-097	9.7	47	40	89	10		
UBT-ZDU-3D-098	9.8	47	40	89	10		
UBT-ZDU-3D-099	9.9	47	40	89	10	7/16-20UNF	
UBT-ZDU-3D-100	10.0	47	40	89	10		
UBT-ZDU-3D-101	10.1	55	45	102	12		
UBT-ZDU-3D-102	10.2	55	45	102	12	7/16-28UNEF	
UBT-ZDU-3D-103	10.3	55	45	102	12	M12x1.75	
UBT-ZDU-3D-104	10.4	55	45	102	12		M12x1.75
UBT-ZDU-3D-105	10.5	55	45	102	12		
UBT-ZDU-3D-106	10.6	55	45	102	12		
UBT-ZDU-3D-107	10.7	55	45	102	12		
UBT-ZDU-3D-108	10.8	55	45	102	12		
UBT-ZDU-3D-109	10.9	55	45	102	12	1/2-13UNC	
UBT-ZDU-3D-110	11.0	55	45	102	12	M12x1	
UBT-ZDU-3D-111	11.1	55	45	102	12		
UBT-ZDU-3D-112	11.2	55	45	102	12		
UBT-ZDU-3D-113	11.3	55	45	102	12		
UBT-ZDU-3D-114	11.4	55	45	102	12		
UBT-ZDU-3D-115	11.5	55	45	102	12	1/2-20UNC	
UBT-ZDU-3D-116	11.6	55	45	102	12		
UBT-ZDU-3D-117	11.7	55	45	102	12		
UBT-ZDU-3D-118	11.8	55	45	102	12	1/2-28UNEF	
UBT-ZDU-3D-119	11.9	55	45	102	12		
UBT-ZDU-3D-120	12.0	55	45	102	12	M14x2	
UBT-ZDU-3D-121	12.1	60	45	107	14		
UBT-ZDU-3D-122	12.2	60	45	107	14	9/16-12UNC	M14x2
UBT-ZDU-3D-123	12.3	60	45	107	14		
UBT-ZDU-3D-124	12.4	60	45	107	14		
UBT-ZDU-3D-125	12.5	60	45	107	14	M14x1.5	
UBT-ZDU-3D-126	12.6	60	45	107	14		
UBT-ZDU-3D-127	12.7	60	45	107	14		
UBT-ZDU-3D-128	12.8	60	45	107	14		
UBT-ZDU-3D-129	12.9	60	45	107	14	9/16-18UNC	M16x2
UBT-ZDU-3D-130	13.0	60	45	107	14	M14x1	
UBT-ZDU-3D-135	13.5	60	45	107	14		
UBT-ZDU-3D-136	13.6	60	45	107	14	5/8-11UNC	
UBT-ZDU-3D-138	13.8	60	45	107	14		
UBT-ZDU-3D-140	14.0	60	45	107	14	M16x2	
UBT-ZDU-3D-145	14.5	65	48	115	14	M16x1.5 5/8-18UNF	
UBT-ZDU-3D-148	14.8	65	48	115	16	5/8-24UNC	
UBT-ZDU-3D-150	15.0	65	48	115	16	M16x1	

## 高效硬质合金钻头 3XD Carbide Drills 3XD

### UBT-ZDU-3D

- 尺寸形式 参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理



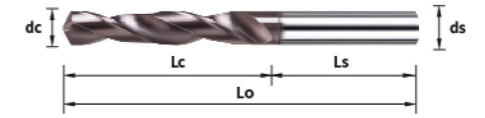
产品编号 Art No.	外径dc	槽长lf	柄长ls	总长Lo	柄径ds	丝锥推荐	
						切削丝锥	挤压丝锥
UBT-ZDU-3D-155	15.5	65	48	115	16	M18×2.5	
UBT-ZDU-3D-158	15.8	65	48	115	16		
UBT-ZDU-3D-160	16.0	65	48	115	16	M18x2	
UBT-ZDU-3D-165	16.5	73	48	123	18		
UBT-ZDU-3D-168	16.8	73	48	123	18		
UBT-ZDU-3D-170	17.0	73	48	123	18	M18x1	
UBT-ZDU-3D-175	17.5	73	48	123	18	M20x2.5/4-16UNF	
UBT-ZDU-3D-178	17.8	73	48	123	18	3/4-20UNEF	
UBT-ZDU-3D-180	18.0	73	48	123	18	M20x2	
UBT-ZDU-3D-185	18.5	79	50	131	20	M20x1.5	
UBT-ZDU-3D-188	18.8	79	50	131	20		
UBT-ZDU-3D-190	19.0	79	50	131	20	M20×1	
UBT-ZDU-3D-195	19.5	79	50	131	20		
UBT-ZDU-3D-198	19.8	79	50	131	20		
UBT-ZDU-3D-200	20.0	79	50	131	20	M22x2	

NOTE: \_\_\_\_\_

## 高效硬质合金钻头 5XD Carbide Drills 5XD

### UBT-ZDU-5D

- 尺寸形式 参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理

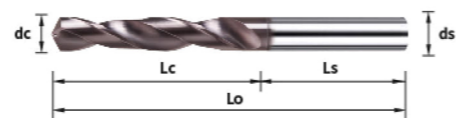


产品编号 Art No.	外径dc	槽长lf	柄长ls	总长Lo	柄径ds	丝锥推荐	
						切削丝锥	挤压丝锥
UBT-ZDU-5D-030	3.0	28	28	58	4		
UBT-ZDU-5D-031	3.1	28	28	58	4		
UBT-ZDU-5D-032	3.2	28	28	58	4		
UBT-ZDU-5D-033	3.3	28	28	58	4	M4x0.7	
UBT-ZDU-5D-034	3.4	28	28	58	4	NO.8-32UNC	
UBT-ZDU-5D-035	3.5	28	28	58	4	M4x0.5 NO.8-36UNC	
UBT-ZDU-5D-036	3.6	28	28	58	4		
UBT-ZDU-5D-037	3.7	28	28	58	4		M4x0.7
UBT-ZDU-5D-038	3.8	36	30	66	4		M4x0.5
UBT-ZDU-5D-039	3.9	36	30	66	4	NO.10-24UNC	
UBT-ZDU-5D-040	4.0	36	30	66	4		
UBT-ZDU-5D-041	4.1	36	36	74	6	NO.10-32UNC	
UBT-ZDU-5D-042	4.2	36	36	74	6	M5x0.8	
UBT-ZDU-5D-043	4.3	36	36	74	6		
UBT-ZDU-5D-044	4.4	36	36	74	6		
UBT-ZDU-5D-045	4.5	36	36	74	6	M5x0.5 NO.10-24UNC	
UBT-ZDU-5D-046	4.6	36	36	74	6	NO.12-28UNC	
UBT-ZDU-5D-047	4.7	36	36	74	6	NO.12-32UNC	
UBT-ZDU-5D-048	4.8	44	36	82	6		
UBT-ZDU-5D-049	4.9	44	36	82	6		
UBT-ZDU-5D-050	5	44	36	82	6	M6x1	
UBT-ZDU-5D-051	5.1	44	36	82	6		
UBT-ZDU-5D-052	5.2	44	36	82	6		
UBT-ZDU-5D-053	5.3	44	36	82	6	M6x0.75	
UBT-ZDU-5D-054	5.4	44	36	82	6		
UBT-ZDU-5D-055	5.5	44	36	82	6	1/4-28UNF	M6x1
UBT-ZDU-5D-056	5.6	44	36	82	6	1/4-32UNF	
UBT-ZDU-5D-057	5.7	44	36	82	6		
UBT-ZDU-5D-058	5.8	44	36	82	6		
UBT-ZDU-5D-059	5.9	44	36	82	6		
UBT-ZDU-5D-060	6.0	44	36	82	6		
UBT-ZDU-5D-061	6.1	53	36	91	8		
UBT-ZDU-5D-062	6.2	53	36	91	8		
UBT-ZDU-5D-063	6.3	53	36	91	8		
UBT-ZDU-5D-064	6.4	53	36	91	8		
UBT-ZDU-5D-065	6.5	53	36	91	8		
UBT-ZDU-5D-066	6.6	53	36	91	8	5/16-18UNC	
UBT-ZDU-5D-067	6.7	53	36	91	8		
UBT-ZDU-5D-068	6.8	53	36	91	8	M8x1.25	
UBT-ZDU-5D-069	6.9	53	36	91	8	5/16-24UNC	
UBT-ZDU-5D-070	7.0	53	36	91	8	M8x1	
UBT-ZDU-5D-071	7.1	53	36	91	8	5/16-32UNC	
UBT-ZDU-5D-072	7.2	53	36	91	8		
UBT-ZDU-5D-073	7.3	53	36	91	8	M8x0.75	
UBT-ZDU-5D-074	7.4	53	36	91	8		M8x1.25
UBT-ZDU-5D-075	7.5	53	36	91	8		
UBT-ZDU-5D-076	7.6	53	36	91	8		
UBT-ZDU-5D-077	7.7	53	36	91	8		
UBT-ZDU-5D-078	7.8	53	36	91	8		
UBT-ZDU-5D-079	7.9	53	36	91	8		
UBT-ZDU-5D-080	8.0	53	36	91	8	3/8-16UNC	
UBT-ZDU-5D-081	8.1	61	40	103	10		
UBT-ZDU-5D-082	8.2	61	40	103	10		
UBT-ZDU-5D-083	8.3	61	40	103	10		

## 高效硬质合金钻头 5XD Carbide Drills 5XD

### UBT-ZDU-5D

- 尺寸形式 参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理

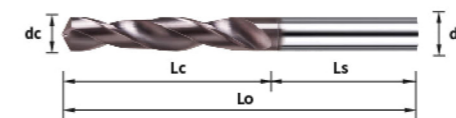


产品编号 Art No.	外径dc	槽长lf	柄长ls	总长Lo	柄径ds	丝锥推荐	
						切削丝锥	挤压丝锥
UBT-ZDU-5D-084	8.4	61	40	103	10		
UBT-ZDU-5D-085	8.5	61	40	103	10	M10x1.53/8-24UNF	
UBT-ZDU-5D-086	8.6	61	40	103	10		
UBT-ZDU-5D-087	8.7	61	40	103	10	3/8-32UNF	
UBT-ZDU-5D-088	8.8	61	40	103	10	M10x1.25	
UBT-ZDU-5D-089	8.9	61	40	103	10		
UBT-ZDU-5D-090	9.0	61	40	103	10	M10x1	
UBT-ZDU-5D-091	9.1	61	40	103	10		
UBT-ZDU-5D-092	9.2	61	40	103	10		
UBT-ZDU-5D-093	9.3	61	40	103	10	M10x0.75	M10x1.5
UBT-ZDU-5D-094	9.4	61	40	103	10		
UBT-ZDU-5D-095	9.5	61	40	103	10		
UBT-ZDU-5D-096	9.6	61	40	103	10		
UBT-ZDU-5D-097	9.7	61	40	103	10		
UBT-ZDU-5D-098	9.8	61	40	103	10		
UBT-ZDU-5D-099	9.9	61	40	103	10	7/16-20UNF	
UBT-ZDU-5D-100	10.0	61	40	103	10		
UBT-ZDU-5D-101	10.1	71	45	118	12		
UBT-ZDU-5D-102	10.2	71	45	118	12	7/16-28UNEF M12x1.75	
UBT-ZDU-5D-103	10.3	71	45	118	12		
UBT-ZDU-5D-104	10.4	71	45	118	12		
UBT-ZDU-5D-105	10.5	71	45	118	12		
UBT-ZDU-5D-106	10.6	71	45	118	12		
UBT-ZDU-5D-107	10.7	71	45	118	12		
UBT-ZDU-5D-108	10.8	71	45	118	12		
UBT-ZDU-5D-109	10.9	71	45	118	12	1/2-13UNC	
UBT-ZDU-5D-110	11.0	71	45	118	12	M12x1	
UBT-ZDU-5D-111	11.1	71	45	118	12		
UBT-ZDU-5D-112	11.2	71	45	118	12		M12x1.75
UBT-ZDU-5D-113	11.3	71	45	118	12		
UBT-ZDU-5D-114	11.4	71	45	118	12		
UBT-ZDU-5D-115	11.5	71	45	118	12	1/2-20UNC	
UBT-ZDU-5D-116	11.6	71	45	118	12		
UBT-ZDU-5D-117	11.7	71	45	118	12		
UBT-ZDU-5D-118	11.8	71	45	118	12	1/2-28UNEF	
UBT-ZDU-5D-119	11.9	71	45	118	12	M14x2	
UBT-ZDU-5D-120	12.0	71	45	118	12		
UBT-ZDU-5D-121	12.1	77	45	124	14		
UBT-ZDU-5D-122	12.2	77	45	124	14	9/16-12UNC	
UBT-ZDU-5D-123	12.3	77	45	124	14		
UBT-ZDU-5D-124	12.4	77	45	124	14		
UBT-ZDU-5D-125	12.5	77	45	124	14	M14x1.5	
UBT-ZDU-5D-126	12.6	77	45	124	14		
UBT-ZDU-5D-127	12.7	77	45	124	14		
UBT-ZDU-5D-128	12.8	77	45	124	14		
UBT-ZDU-5D-129	12.9	77	45	124	14	9/16-18UNC	
UBT-ZDU-5D-130	13.0	77	45	124	14	M14x1	M14x2
UBT-ZDU-5D-135	13.5	77	45	124	14		
UBT-ZDU-5D-136	13.6	77	45	124	14	5/8-11UNC	
UBT-ZDU-5D-138	13.8	77	45	124	14		
UBT-ZDU-5D-140	14.0	77	45	124	14	M16x2	
UBT-ZDU-5D-145	14.5	83	48	133	16	M16x1.55/8-18UNF	
UBT-ZDU-5D-148	14.8	83	48	133	16	5/8-24UNC	
UBT-ZDU-5D-150	15	83	48	133	16	M16x1	M16x2

## 高效硬质合金钻头 5XD Carbide Drills 5XD

### UBT-ZDU-5D

- 尺寸形式 参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理



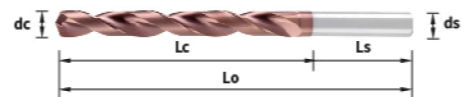
产品编号 Art No.	外径dc	槽长lf	柄长ls	总长Lo	柄径ds	丝锥推荐	
						切削丝锥	挤压丝锥
UBT-ZDU-5D-155	15.5	83	48	133	16	M18x2.5	
UBT-ZDU-5D-158	15.8	83	48	133	16		
UBT-ZDU-5D-160	16.0	83	48	133	16	M18x2	
UBT-ZDU-5D-165	16.5	93	48	143	18		
UBT-ZDU-5D-168	16.8	93	48	143	18		
UBT-ZDU-5D-170	17.0	93	48	143	18	M18x1	
UBT-ZDU-5D-175	17.5	93	48	143	18	M20x2.53/4-16UNF	
UBT-ZDU-5D-178	17.8	93	48	143	18	3/4-20UNEF	
UBT-ZDU-5D-180	18.0	93	48	143	18	M20x2	
UBT-ZDU-5D-185	18.5	101	50	153	20	M20x1.5	
UBT-ZDU-5D-188	18.8	101	50	153	20		
UBT-ZDU-5D-190	19	101	50	153	20	M20x1	
UBT-ZDU-5D-195	19.5	101	50	153	20		
UBT-ZDU-5D-198	19.8	101	50	153	20		
UBT-ZDU-5D-200	20.0	101	50	153	20	M22x2	

NOTE:

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计, 排屑顺畅寿命更长

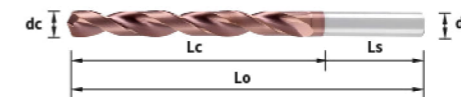


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0050	0.50	6.0	50	4		
ECO-ZD-0051	0.51	6.0	50	4		
ECO-ZD-0052	0.52	6.0	50	4		
ECO-ZD-0053	0.53	6.0	50	4		
ECO-ZD-0054	0.54	6.0	50	4		
ECO-ZD-0055	0.55	6.0	50	4		
ECO-ZD-0056	0.56	6.0	50	4		
ECO-ZD-0057	0.57	6.0	50	4		
ECO-ZD-0058	0.58	6.0	50	4		
ECO-ZD-0059	0.59	6.0	50	4		
ECO-ZD-0060	0.60	6.0	50	4		
ECO-ZD-0061	0.61	6.0	50	4		
ECO-ZD-0062	0.62	6.0	50	4		
ECO-ZD-0063	0.63	6.0	50	4		
ECO-ZD-0064	0.64	6.0	50	4		
ECO-ZD-0065	0.65	6.0	50	4		
ECO-ZD-0066	0.66	6.0	50	4		
ECO-ZD-0067	0.67	6.0	50	4		
ECO-ZD-0068	0.68	6.0	50	4		
ECO-ZD-0069	0.69	6.0	50	4		
ECO-ZD-0070	0.70	6.0	50	4		
ECO-ZD-0071	0.71	6.0	50	4		
ECO-ZD-0072	0.72	6.0	50	4		
ECO-ZD-0073	0.73	6.0	50	4		
ECO-ZD-0074	0.74	6.0	50	4		
ECO-ZD-0075	0.75	6.0	50	4	M1.0x0.25	
ECO-ZD-0076	0.76	6.0	50	4		
ECO-ZD-0077	0.77	6.0	50	4		
ECO-ZD-0078	0.78	6.0	50	4		
ECO-ZD-0079	0.79	6.0	50	4		
ECO-ZD-0080	0.80	6.0	50	4	M1.0x0.2	
ECO-ZD-0081	0.81	6.0	50	4		
ECO-ZD-0082	0.82	6.0	50	4		
ECO-ZD-0083	0.83	6.0	50	4		
ECO-ZD-0084	0.84	6.0	50	4		
ECO-ZD-0085	0.85	6.0	50	4	M1.1x0.25	
ECO-ZD-0086	0.86	6.0	50	4		
ECO-ZD-0087	0.87	6.0	50	4		
ECO-ZD-0088	0.88	6.0	50	4		
ECO-ZD-0089	0.89	6.0	50	4		
ECO-ZD-0090	0.90	6.0	50	4	M1.1x0.20	M1.0x0.25
ECO-ZD-0091	0.91	6.0	50	4		
ECO-ZD-0092	0.92	6.0	50	4		
ECO-ZD-0093	0.93	6.0	50	4		
ECO-ZD-0094	0.94	6.0	50	4		
ECO-ZD-0095	0.95	6.0	50	4	M1.2x0.25	
ECO-ZD-0096	0.96	6.0	50	4		
ECO-ZD-0097	0.97	6.0	50	4		
ECO-ZD-0098	0.98	6.0	50	4		
ECO-ZD-0099	0.99	6.0	50	4		
ECO-ZD-0100	1.00	8.0	50	4	M1.2x0.20	
ECO-ZD-0101	1.01	8.0	50	4		
ECO-ZD-0102	1.02	8.0	50	4		
ECO-ZD-0103	1.03	8.0	50	4		

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计, 排屑顺畅寿命更长



产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0104	1.04	8.0	50	4		
ECO-ZD-0105	1.05	8.0	50	4		
ECO-ZD-0106	1.06	8.0	50	4		
ECO-ZD-0107	1.07	8.0	50	4		
ECO-ZD-0108	1.08	8.0	50	4		
ECO-ZD-0109	1.09	8.0	50	4		
ECO-ZD-0110	1.10	8.0	50	4	M1.4X0.30	M1.2x0.25
ECO-ZD-0111	1.11	8.0	50	4		
ECO-ZD-0112	1.12	8.0	50	4		
ECO-ZD-0113	1.13	8.0	50	4		
ECO-ZD-0114	1.14	8.0	50	4		
ECO-ZD-0115	1.15	8.0	50	4		
ECO-ZD-0116	1.16	8.0	50	4		
ECO-ZD-0117	1.17	8.0	50	4		
ECO-ZD-0118	1.18	8.0	50	4		
ECO-ZD-0119	1.19	8.0	50	4		
ECO-ZD-0120	1.20	8.0	50	4	M1.4X0.20	
ECO-ZD-0121	1.21	8.0	50	4		
ECO-ZD-0122	1.22	8.0	50	4		
ECO-ZD-0123	1.23	8.0	50	4		
ECO-ZD-0124	1.24	8.0	50	4		
ECO-ZD-0125	1.25	8.0	50	4	M1.6x0.35	
ECO-ZD-0126	1.26	8.0	50	4		
ECO-ZD-0127	1.27	8.0	50	4		
ECO-ZD-0128	1.28	8.0	50	4		M1.4x0.3
ECO-ZD-0129	1.29	8.0	50	4		
ECO-ZD-0130	1.30	8.0	50	4	M1.6x0.35	
ECO-ZD-0131	1.31	8.0	50	4		
ECO-ZD-0132	1.32	8.0	50	4		
ECO-ZD-0133	1.33	8.0	50	4		
ECO-ZD-0134	1.34	8.0	50	4		
ECO-ZD-0135	1.35	8.0	50	4	M1.7x0.35	
ECO-ZD-0136	1.36	8.0	50	4		
ECO-ZD-0137	1.37	8.0	50	4		
ECO-ZD-0138	1.38	8.0	50	4		
ECO-ZD-0139	1.39	8.0	50	4		
ECO-ZD-0140	1.40	9.0	50	4	M1.6x0.2	
ECO-ZD-0141	1.41	9.0	50	4		
ECO-ZD-0142	1.42	9.0	50	4		
ECO-ZD-0143	1.43	9.0	50	4		
ECO-ZD-0144	1.44	9.0	50	4		
ECO-ZD-0145	1.45	9.0	50	4	M1.8x0.35	M1.6x0.35
ECO-ZD-0146	1.46	9.0	50	4		
ECO-ZD-0147	1.47	9.0	50	4		
ECO-ZD-0148	1.48	9.0	50	4		
ECO-ZD-0149	1.49	9.0	50	4		
ECO-ZD-0150	1.50	9.0	50	4	M1.7x0.20	
ECO-ZD-0151	1.51	9.0	50	4		
ECO-ZD-0152	1.52	9.0	50	4		
ECO-ZD-0153	1.53	9.0	50	4		
ECO-ZD-0154	1.54	9.0	50	4		
ECO-ZD-0155	1.55	9.0	50	4		M1.7x0.35
ECO-ZD-0156	1.56	9.0	50	4		
ECO-ZD-0157	1.57	9.0	50	4		

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

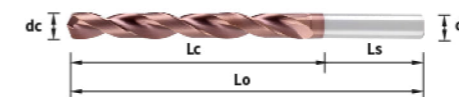


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0158	1.58	9.0	50	4		
ECO-ZD-0159	1.59	9.0	50	4		
ECO-ZD-0160	1.60	10.0	50	4	M2x0.40/M1.8x0.2	
ECO-ZD-0161	1.61	10.0	50	4		
ECO-ZD-0162	1.62	10.0	50	4		
ECO-ZD-0163	1.63	10.0	50	4		
ECO-ZD-0164	1.64	10.0	50	4		M1.8x0.35
ECO-ZD-0165	1.65	10.0	50	4		
ECO-ZD-0166	1.66	10.0	50	4		
ECO-ZD-0167	1.67	10.0	50	4		
ECO-ZD-0168	1.68	10.0	50	4		
ECO-ZD-0169	1.69	10.0	50	4		
ECO-ZD-0170	1.70	10.0	50	4		
ECO-ZD-0171	1.71	10.0	50	4		
ECO-ZD-0172	1.72	10.0	50	4		
ECO-ZD-0173	1.73	10.0	50	4		
ECO-ZD-0174	1.74	10.0	50	4		
ECO-ZD-0175	1.75	10.0	50	4	M2.2x0.45/M2.0x0.25	
ECO-ZD-0176	1.76	10.0	50	4		
ECO-ZD-0177	1.77	10.0	50	4		
ECO-ZD-0178	1.78	10.0	50	4	M1.6x0.35	
ECO-ZD-0179	1.79	10.0	50	4		
ECO-ZD-0180	1.80	12.0	50	4		
ECO-ZD-0181	1.81	12.0	50	4		M2.0x0.4
ECO-ZD-0182	1.82	12.0	50	4		
ECO-ZD-0183	1.83	12.0	50	4		
ECO-ZD-0184	1.84	12.0	50	4		
ECO-ZD-0185	1.85	12.0	50	4		
ECO-ZD-0186	1.86	12.0	50	4		
ECO-ZD-0187	1.87	12.0	50	4		
ECO-ZD-0188	1.88	12.0	50	4		
ECO-ZD-0189	1.89	12.0	50	4		
ECO-ZD-0190	1.90	12.0	50	4	M2.3x0.40	
ECO-ZD-0191	1.91	12.0	50	4		
ECO-ZD-0192	1.92	12.0	50	4		
ECO-ZD-0193	1.93	12.0	50	4		
ECO-ZD-0194	1.94	12.0	50	4		
ECO-ZD-0195	1.95	12.0	50	4	M2.2x0.25	
ECO-ZD-0196	1.96	12.0	50	4		
ECO-ZD-0197	1.97	12.0	50	4		
ECO-ZD-0198	1.98	12.0	50	4		
ECO-ZD-0199	1.99	12.0	50	4		
ECO-ZD-0200	2.00	12.0	50	4		
ECO-ZD-0201	2.01	12.0	50	4		M2.2x0.45
ECO-ZD-0202	2.02	12.0	50	4		
ECO-ZD-0203	2.03	12.0	50	4		
ECO-ZD-0204	2.04	12.0	50	4		
ECO-ZD-0205	2.05	12.0	50	4	M2.3x0.25	
ECO-ZD-0206	2.06	12.0	50	4		
ECO-ZD-0207	2.07	12.0	50	4		
ECO-ZD-0208	2.08	12.0	50	4		
ECO-ZD-0209	2.09	12.0	50	4		
ECO-ZD-0210	2.10	12.0	50	4	M2.5x0.45	
ECO-ZD-0211	2.11	12.0	50	4		M2.3x0.4

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

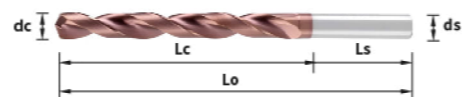


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0212	2.12	12.0	50	4		
ECO-ZD-0213	2.13	12.0	50	4		
ECO-ZD-0214	2.14	12.0	50	4		
ECO-ZD-0215	2.15	12.0	50	4		
ECO-ZD-0216	2.16	12.0	50	4		
ECO-ZD-0217	2.17	12.0	50	4		
ECO-ZD-0218	2.18	12.0	50	4		
ECO-ZD-0219	2.19	12.0	50	4		
ECO-ZD-0220	2.20	13.0	50	4	M2.6x0.45	
ECO-ZD-0221	2.21	13.0	50	4		
ECO-ZD-0222	2.22	13.0	50	4	M2.5x0.35	
ECO-ZD-0223	2.23	13.0	50	4		
ECO-ZD-0224	2.24	13.0	50	4		
ECO-ZD-0225	2.25	13.0	50	4		
ECO-ZD-0226	2.26	13.0	50	4		
ECO-ZD-0227	2.27	13.0	50	4		
ECO-ZD-0228	2.28	13.0	50	4		
ECO-ZD-0229	2.29	13.0	50	4		
ECO-ZD-0230	2.30	13.0	50	4		M2.5x0.45
ECO-ZD-0231	2.31	13.0	50	4		
ECO-ZD-0232	2.32	13.0	50	4		
ECO-ZD-0233	2.33	13.0	50	4		
ECO-ZD-0234	2.34	13.0	50	4		
ECO-ZD-0235	2.35	13.0	50	4		
ECO-ZD-0236	2.36	13.0	50	4		
ECO-ZD-0237	2.37	13.0	50	4		
ECO-ZD-0238	2.38	13.0	50	4		
ECO-ZD-0239	2.39	13.0	50	4		
ECO-ZD-0240	2.40	14.0	50	4		M2.6x0.45
ECO-ZD-0241	2.41	14.0	50	4		
ECO-ZD-0242	2.42	14.0	50	4		
ECO-ZD-0243	2.43	14.0	50	4		
ECO-ZD-0244	2.44	14.0	50	4		
ECO-ZD-0245	2.45	14.0	50	4		
ECO-ZD-0246	2.46	14.0	50	4		
ECO-ZD-0247	2.47	14.0	50	4		
ECO-ZD-0248	2.48	14.0	50	4		
ECO-ZD-0249	2.49	14.0	50	4	M3x0.50	
ECO-ZD-0250	2.50	14.0	50	4		
ECO-ZD-0251	2.51	14.0	50	4		
ECO-ZD-0252	2.52	14.0	50	4		
ECO-ZD-0253	2.53	14.0	50	4		
ECO-ZD-0254	2.54	14.0	50	4		
ECO-ZD-0255	2.55	14.0	50	4		
ECO-ZD-0256	2.56	14.0	50	4		
ECO-ZD-0257	2.57	14.0	50	4		
ECO-ZD-0258	2.58	14.0	50	4		
ECO-ZD-0259	2.59	14.0	50	4		
ECO-ZD-0260	2.60	14.0	50	4		
ECO-ZD-0261	2.61	14.0	50	4		
ECO-ZD-0262	2.62	14.0	50	4		
ECO-ZD-0263	2.63	14.0	50	4		
ECO-ZD-0264	2.64	14.0	50	4		
ECO-ZD-0265	2.65	14.0	50	4		
ECO-ZD-0266	2.66	14.0	50	4		

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

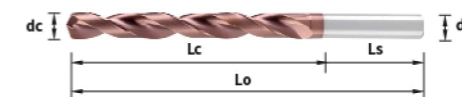


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0267	2.67	14.0	50	4		
ECO-ZD-0268	2.68	14.0	50	4		
ECO-ZD-0269	2.69	14.0	50	4		
ECO-ZD-0270	2.70	16.0	50	4		
ECO-ZD-0271	2.71	16.0	50	4		
ECO-ZD-0272	2.72	16.0	50	4		
ECO-ZD-0273	2.73	16.0	50	4		
ECO-ZD-0274	2.74	16.0	50	4		
ECO-ZD-0275	2.75	16.0	50	4		
ECO-ZD-0276	2.76	16.0	50	4		
ECO-ZD-0277	2.77	16.0	50	4		
ECO-ZD-0278	2.78	16.0	50	4		M3.0x0.5
ECO-ZD-0279	2.79	16.0	50	4		
ECO-ZD-0280	2.80	16.0	50	4		
ECO-ZD-0281	2.81	16.0	50	4		
ECO-ZD-0282	2.82	16.0	50	4		
ECO-ZD-0283	2.83	16.0	50	4		
ECO-ZD-0284	2.84	16.0	50	4		
ECO-ZD-0285	2.85	16.0	50	4		
ECO-ZD-0286	2.86	16.0	50	4		
ECO-ZD-0287	2.87	16.0	50	4		
ECO-ZD-0288	2.88	16.0	50	4		
ECO-ZD-0289	2.89	16.0	50	4		
ECO-ZD-0290	2.90	16.0	50	4	M3.5x0.60	
ECO-ZD-0291	2.91	16.0	50	4		
ECO-ZD-0292	2.92	16.0	50	4		
ECO-ZD-0293	2.93	16.0	50	4		
ECO-ZD-0294	2.94	16.0	50	4		
ECO-ZD-0295	2.95	16.0	50	4		
ECO-ZD-0296	2.96	16.0	50	4		
ECO-ZD-0297	2.97	16.0	50	4		
ECO-ZD-0298	2.98	16.0	50	4		
ECO-ZD-0299	2.99	16.0	50	4		
ECO-ZD-0300	3.00	16.0	50	4		
ECO-ZD-0301	3.01	20.0	52	4		
ECO-ZD-0302	3.02	20.0	52	4		
ECO-ZD-0303	3.03	20.0	52	4		
ECO-ZD-0304	3.04	20.0	52	4		
ECO-ZD-0305	3.05	20.0	52	4		
ECO-ZD-0306	3.06	20.0	52	4		
ECO-ZD-0307	3.07	20.0	52	4		
ECO-ZD-0308	3.08	20.0	52	4		
ECO-ZD-0309	3.09	20.0	52	4		
ECO-ZD-0310	3.10	20.0	52	4		
ECO-ZD-0311	3.11	20.0	52	4		
ECO-ZD-0312	3.12	20.0	52	4		
ECO-ZD-0313	3.13	20.0	52	4		
ECO-ZD-0314	3.14	20.0	52	4		
ECO-ZD-0315	3.15	20.0	52	4		
ECO-ZD-0316	3.16	20.0	52	4		
ECO-ZD-0317	3.17	20.0	52	4		
ECO-ZD-0318	3.18	20.0	52	4		
ECO-ZD-0319	3.19	20.0	52	4		
ECO-ZD-0320	3.20	20.0	52	4	M3.5x0.35	

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

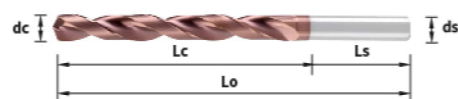


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0321	3.21	20.0	52	4		
ECO-ZD-0322	3.22	20.0	52	4		
ECO-ZD-0323	3.23	20.0	52	4		M3.5x0.6
ECO-ZD-0324	3.24	20.0	52	4		
ECO-ZD-0325	3.25	20.0	52	4		
ECO-ZD-0326	3.26	20.0	52	4		
ECO-ZD-0327	3.27	20.0	52	4		
ECO-ZD-0328	3.28	20.0	52	4		
ECO-ZD-0329	3.29	20.0	52	4		
ECO-ZD-0330	3.30	20.0	52	4	M4x0.70	
ECO-ZD-0331	3.31	20.0	52	4		
ECO-ZD-0332	3.32	20.0	52	4		
ECO-ZD-0333	3.33	20.0	52	4		
ECO-ZD-0334	3.34	20.0	52	4		
ECO-ZD-0335	3.35	20.0	52	4		
ECO-ZD-0336	3.36	20.0	52	4		
ECO-ZD-0337	3.37	20.0	52	4		
ECO-ZD-0338	3.38	20.0	52	4		
ECO-ZD-0339	3.39	20.0	52	4		
ECO-ZD-0340	3.40	20.0	52	4		
ECO-ZD-0341	3.41	20.0	52	4		
ECO-ZD-0342	3.42	20.0	52	4		
ECO-ZD-0343	3.43	20.0	52	4		
ECO-ZD-0344	3.44	20.0	52	4		
ECO-ZD-0345	3.45	20.0	52	4		
ECO-ZD-0346	3.46	20.0	52	4		
ECO-ZD-0347	3.47	20.0	52	4		
ECO-ZD-0348	3.48	20.0	52	4		
ECO-ZD-0349	3.49	20.0	52	4		
ECO-ZD-0350	3.50	20.0	52	4	M4.0x0.5	
ECO-ZD-0351	3.51	20.0	52	4		
ECO-ZD-0352	3.52	20.0	52	4		
ECO-ZD-0353	3.53	20.0	52	4		
ECO-ZD-0354	3.54	20.0	52	4		
ECO-ZD-0355	3.55	20.0	52	4		
ECO-ZD-0356	3.56	20.0	52	4		
ECO-ZD-0357	3.57	20.0	52	4		
ECO-ZD-0358	3.58	20.0	52	4		
ECO-ZD-0359	3.59	20.0	52	4		
ECO-ZD-0360	3.60	23.0	55	4		
ECO-ZD-0361	3.61	23.0	55	4		
ECO-ZD-0362	3.62	23.0	55	4		
ECO-ZD-0363	3.63	23.0	55	4		
ECO-ZD-0364	3.64	23.0	55	4		
ECO-ZD-0365	3.65	23.0	55	4		
ECO-ZD-0366	3.66	23.0	55	4		
ECO-ZD-0367	3.67	23.0	55	4		
ECO-ZD-0368	3.68	23.0	55	4		M4x0.7
ECO-ZD-0370	3.70	23.0	52	4		
ECO-ZD-0371	3.71	23.0	52	4		
ECO-ZD-0372	3.72	23.0	52	4		
ECO-ZD-0373	3.73	23.0	52	4		
ECO-ZD-0374	3.74	23.0	52	4		
ECO-ZD-0375	3.75	23.0	52	4		M4x0.5

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

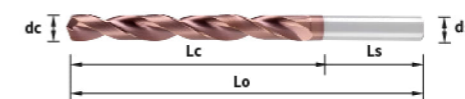


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0376	3.76	23.0	52	4		
ECO-ZD-0377	3.77	23.0	52	4		
ECO-ZD-0378	3.78	23.0	52	4		
ECO-ZD-0379	3.79	23.0	52	4		
ECO-ZD-0380	3.80	23.0	52	4	M4.5x0.75	
ECO-ZD-0381	3.81	23.0	52	4		
ECO-ZD-0382	3.82	23.0	52	4		
ECO-ZD-0383	3.83	23.0	52	4		
ECO-ZD-0384	3.84	23.0	52	4		
ECO-ZD-0385	3.85	23.0	52	4		
ECO-ZD-0386	3.86	23.0	52	4		
ECO-ZD-0387	3.87	23.0	52	4		
ECO-ZD-0388	3.88	23.0	52	4		
ECO-ZD-0389	3.89	23.0	52	4		
ECO-ZD-0390	3.90	23.0	52	4		
ECO-ZD-0391	3.91	23.0	52	4		
ECO-ZD-0392	3.92	23.0	52	4		
ECO-ZD-0393	3.93	23.0	52	4		
ECO-ZD-0394	3.94	23.0	52	4		
ECO-ZD-0395	3.95	23.0	52	4		
ECO-ZD-0396	3.96	23.0	52	4		
ECO-ZD-0397	3.97	23.0	52	4		
ECO-ZD-0398	3.98	23.0	52	4		
ECO-ZD-0399	3.99	23.0	52	4		
ECO-ZD-0400	4.00	23.0	52	4	M4.5x0.50	
ECO-ZD-0401	4.01	23.0	52	4		
ECO-ZD-0402	4.02	23.0	52	4		
ECO-ZD-0405	4.05	26.0	60	5		
ECO-ZD-0410	4.10	26.0	60	5		
ECO-ZD-0415	4.15	26.0	60	5		
ECO-ZD-0420	4.20	26.0	60	5	M5x0.80	
ECO-ZD-0425	4.25	26.0	60	5		
ECO-ZD-0430	4.30	26.0	60	5		
ECO-ZD-0435	4.35	26.0	60	5		
ECO-ZD-0440	4.40	26.0	60	5		
ECO-ZD-0445	4.45	26.0	60	5		
ECO-ZD-0450	4.50	26.0	60	5	M5x0.50	
ECO-ZD-0455	4.55	26.0	60	5		
ECO-ZD-0460	4.60	26.0	60	5		M5x0.8
ECO-ZD-0465	4.65	26.0	60	5		
ECO-ZD-0470	4.70	26.0	60	5		
ECO-ZD-0475	4.75	26.0	60	5		
ECO-ZD-0480	4.80	26.0	60	5		
ECO-ZD-0485	4.85	26.0	60	5		
ECO-ZD-0490	4.90	26.0	60	5		
ECO-ZD-0495	4.95	26.0	60	5		
ECO-ZD-0500	5.00	26.0	60	5	M6x1.0/M5.5x0.5	
ECO-ZD-0501	5.01	28.0	60	5		
ECO-ZD-0502	5.02	28.0	60	5		
ECO-ZD-0505	5.05	30.0	65	6		
ECO-ZD-0510	5.10	30.0	65	6		
ECO-ZD-0515	5.15	30.0	65	6		
ECO-ZD-0520	5.20	30.0	65	6		
ECO-ZD-0525	5.25	30.0	65	6		

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

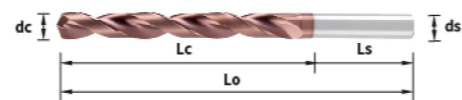


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0530	5.30	30.0	65	6	M6x0.75	
ECO-ZD-0535	5.35	30.0	65	6		
ECO-ZD-0540	5.40	30.0	65	6		
ECO-ZD-0545	5.45	30.0	65	6		
ECO-ZD-0550	5.50	30.0	65	6	M6x0.50	M6x1.0
ECO-ZD-0555	5.55	30.0	65	6		
ECO-ZD-0560	5.60	32.0	65	6		
ECO-ZD-0565	5.65	32.0	65	6		
ECO-ZD-0570	5.70	32.0	65	6		
ECO-ZD-0575	5.75	32.0	65	6		
ECO-ZD-0580	5.80	32.0	65	6		
ECO-ZD-0585	5.85	32.0	65	6		
ECO-ZD-0590	5.90	32.0	65	6		
ECO-ZD-0595	5.95	32.0	65	6		
ECO-ZD-0600	6.00	32.0	65	6	M7x1.0	
ECO-ZD-0620	6.02	32.0	65	6		
ECO-ZD-0610	6.10	38.0	75	7		
ECO-ZD-0620	6.20	38.0	75	7		
ECO-ZD-0630	6.30	38.0	75	7	M7x0.75	
ECO-ZD-0640	6.40	38.0	75	7		
ECO-ZD-0650	6.50	38.0	75	7	M7x0.5	M7x1.0
ECO-ZD-0660	6.60	42.0	80	7		
ECO-ZD-0670	6.70	42.0	80	7		
ECO-ZD-0680	6.80	42.0	80	7	M8x1.25	
ECO-ZD-0690	6.90	42.0	80	7		
ECO-ZD-0700	7.00	42.0	80	7	M8x1.0	
ECO-ZD-0710	7.10	53.0	91	8		
ECO-ZD-0720	7.20	53.0	91	8		
ECO-ZD-0730	7.30	53.0	91	8	M8x0.75	
ECO-ZD-0740	7.40	53.0	91	8		M8x1.25
ECO-ZD-0750	7.50	53.0	91	8	M8x0.50	
ECO-ZD-0760	7.60	53.0	91	8		
ECO-ZD-0770	7.70	53.0	91	8		
ECO-ZD-0780	7.80	53.0	91	8	M9x1.25	
ECO-ZD-0790	7.90	53.0	91	8		
ECO-ZD-0800	8.00	53.0	91	8	M9x1.0	
ECO-ZD-0810	8.10	61.0	103	9		
ECO-ZD-0820	8.20	61.0	103	9		
ECO-ZD-0830	8.30	61.0	103	9	M9x0.75	
ECO-ZD-0840	8.40	61.0	103	9		
ECO-ZD-0850	8.50	61.0	103	9	M10x1.5	
ECO-ZD-0860	8.60	61.0	103	9		
ECO-ZD-0870	8.70	61.0	103	9		
ECO-ZD-0880	8.80	61.0	103	9	M10x1.25	
ECO-ZD-0890	8.90	61.0	103	9		
ECO-ZD-0900	9.00	61.0	103	9	M10x1.0	
ECO-ZD-0910	9.10	61.0	103	10		
ECO-ZD-0920	9.20	61.0	103	10		
ECO-ZD-0930	9.30	61.0	103	10	M10x0.75	
ECO-ZD-0940	9.40	61.0	103	10		M10x1.5
ECO-ZD-0950	9.50	61.0	103	10	M11x1.5/M10x0.5	
ECO-ZD-0960	9.60	61.0	103	10		
ECO-ZD-0970	9.70	61.0	103	10		
ECO-ZD-0980	9.80	61.0	103	10		

## ECO 经济型硬质合金铝用钻/钢用钻 ECO Carbide Drills For ALU/Steel

### ECO-ZD-5D

- 尺寸形式-参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计, 排屑顺畅寿命更长



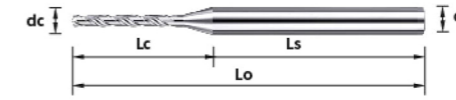
产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	丝锥推荐	
					切削丝锥	挤压丝锥
ECO-ZD-0990	9.90	61.0	103	10		
ECO-ZD-1000	10.00	61.0	103	10	M11x1.0	
ECO-ZD-1010	10.10	71.0	118	11		
ECO-ZD-1020	10.20	71.0	118	11		
ECO-ZD-1030	10.30	71.0	118	11	M12x1.75/M11x0.75	
ECO-ZD-1040	10.40	71.0	118	11		
ECO-ZD-1050	10.50	71.0	118	11	M12x1.5	
ECO-ZD-1060	10.60	71.0	118	11		
ECO-ZD-1070	10.70	71.0	118	11		
ECO-ZD-1080	10.80	71.0	118	11	M12x1.25	
ECO-ZD-1090	10.90	71.0	118	11		
ECO-ZD-1100	11.00	71.0	118	11	M12x1.0	
ECO-ZD-1110	11.10	71.0	118	12		
ECO-ZD-1120	11.20	71.0	118	12		M12x1.75
ECO-ZD-1130	11.30	71.0	118	12		
ECO-ZD-1140	11.40	71.0	118	12		
ECO-ZD-1150	11.50	71.0	118	12	M12x0.50	M12x1.25
ECO-ZD-1160	11.60	71.0	118	12		
ECO-ZD-1170	11.70	71.0	118	12		
ECO-ZD-1180	11.80	71.0	118	12		
ECO-ZD-1190	11.90	71.0	118	12		
ECO-ZD-1200	12.00	71.0	118	12	M14x2.0	
ECO-ZD-1210	12.10	77.0	124	13		
ECO-ZD-1220	12.20	77.0	124	13		
ECO-ZD-1230	12.30	77.0	124	13		
ECO-ZD-1240	12.40	77.0	124	13		
ECO-ZD-1250	12.50	77.0	124	13	M14x1.50	
ECO-ZD-1260	12.60	77.0	124	13		
ECO-ZD-1270	12.70	77.0	124	13		
ECO-ZD-1280	12.80	77.0	124	13		
ECO-ZD-1290	12.90	77.0	124	13		
ECO-ZD-1300	13.00	77.0	124	13	M14x1.0	M14x2

NOTE:

## ECO 经济短刃型硬质合金铝用钻/钢用钻 ECO Carbide Drills with Short-cutting-length for Aluminum/Steel

### ECO-SZD-3D

- 尺寸形式-参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计, 排屑顺畅寿命更长

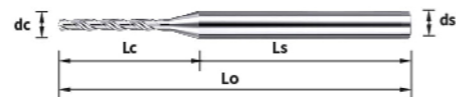


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds
ECO-SZD-0050-0054	0.50/0.51/0.52/0.53/0.54	5	50	4
ECO-SZD-0055-0059	0.55/0.56/0.57/0.58/0.59	5	50	4
ECO-SZD-0060-0064	0.60/0.61/0.62/0.63/0.64	5	50	4
ECO-SZD-0065-0069	0.65/0.66/0.67/0.68/0.69	5	50	4
ECO-SZD-0070-0074	0.70/0.71/0.72/0.73/0.74	5	50	4
ECO-SZD-0075-0079	0.75/0.76/0.77/0.78/0.79	5	50	4
ECO-SZD-0080-0084	0.80/0.81/0.82/0.83/0.84	5	50	4
ECO-SZD-0085-0089	0.85/0.86/0.87/0.88/0.89	5	50	4
ECO-SZD-0090-0094	0.90/0.91/0.92/0.93/0.94	5	50	4
ECO-SZD-0095-0099	0.95/0.96/0.97/0.98/0.99	5	50	4
ECO-SZD-0100-0104	1.00/1.01/1.02/1.03/1.04	6	50	4
ECO-SZD-0105-0109	1.05/1.06/1.07/1.08/1.09	6	50	4
ECO-SZD-0110-0114	1.10/1.11/1.12/1.13/1.14	6	50	4
ECO-SZD-0115-0119	1.15/1.16/1.17/1.18/1.19	6	50	4
ECO-SZD-0120-0124	1.20/1.21/1.22/1.23/1.24	6	50	4
ECO-SZD-0125-0130	1.25/1.26/1.27/1.28/1.29/1.30	6	50	4
ECO-SZD-0131-0135	1.31/1.32/1.33/1.34/1.35	8	50	4
ECO-SZD-0136-0140	1.36/1.37/1.38/1.39/1.40	8	50	4
ECO-SZD-0141-0145	1.41/1.42/1.43/1.44/1.45	8	50	4
ECO-SZD-0146-0150	1.46/1.47/1.48/1.49/1.50	8	50	4
ECO-SZD-0151-0155	1.51/1.52/1.53/1.54/1.55	8	50	4
ECO-SZD-0156-0160	1.56/1.57/1.58/1.59/1.60	8	50	4
ECO-SZD-0161-0165	1.61/1.62/1.63/1.64/1.65	8	50	4
ECO-SZD-0166-0170	1.66/1.67/1.68/1.69/1.70	8	50	4
ECO-SZD-0171-0175	1.71/1.72/1.73/1.74/1.75	8	50	4
ECO-SZD-0176-0179	1.76/1.77/1.78/1.79	8	50	4
ECO-SZD-0180-0184	1.80/1.81/1.82/1.83/1.84	9	50	4
ECO-SZD-0185-0189	1.85/1.86/1.87/1.88/1.89	9	50	4
ECO-SZD-0190-0194	1.90/1.91/1.92/1.93/1.94	9	50	4
ECO-SZD-0195-0199	1.95/1.96/1.97/1.98/1.99	9	50	4
ECO-SZD-0200-0204	2.00/2.01/2.02/2.03/2.04	10	50	4
ECO-SZD-0205-0209	2.05/2.06/2.07/2.08/2.09	10	50	4
ECO-SZD-0210-0214	2.10/2.11/2.12/2.13/2.14	10	50	4
ECO-SZD-0215-0219	2.15/2.16/2.17/2.18/2.19	10	50	4
ECO-SZD-0220-0224	2.20/2.21/2.22/2.23/2.24	10	50	4
ECO-SZD-0225-0229	2.25/2.26/2.27/2.28/2.29	10	50	4
ECO-SZD-0230-0234	2.30/2.31/2.32/2.33/2.34	12	50	4
ECO-SZD-0235-0239	2.35/2.36/2.37/2.38/2.39	12	50	4
ECO-SZD-0240-0244	2.40/2.41/2.42/2.43/2.44	12	50	4
ECO-SZD-0245-0249	2.45/2.46/2.47/2.48/2.49	12	50	4
ECO-SZD-0250-0254	2.50/2.51/2.52/2.53/2.54	12	50	4
ECO-SZD-0255-0259	2.55/2.56/2.57/2.58/2.59	12	50	4
ECO-SZD-0260-0264	2.60/2.61/2.62/2.63/2.64	14	50	4
ECO-SZD-0265-0269	2.65/2.66/2.67/2.68/2.69	14	50	4
ECO-SZD-0270-0274	2.70/2.71/2.72/2.73/2.74	14	50	4
ECO-SZD-0275-0279	2.75/2.76/2.77/2.78/2.79	14	50	4
ECO-SZD-0280-0284	2.80/2.81/2.82/2.83/2.84	14	50	4
ECO-SZD-0285-0289	2.85/2.86/2.87/2.88/2.89	14	50	4
ECO-SZD-0290-0294	2.90/2.91/2.92/2.93/2.94	14	50	4
ECO-SZD-0295-0299	2.95/2.96/2.97/2.98/2.99/3.00	14	50	4
ECO-SZD-0301-0305	3.01/3.02/3.03/3.04/3.05	16	50	4
ECO-SZD-0306-0310	3.06/3.07/3.08/3.09/3.10	16	50	4
ECO-SZD-0311-0315	3.11/3.12/3.13/3.14/3.15	16	50	4
ECO-SZD-0316-0320	3.16/3.17/3.18/3.19/3.20	16	50	4

## ECO 经济短刃型硬质合金铝用钻/钢用钻 ECO Carbide Drills with Short-cutting-length for Aluminum/Steel

### ECO-SZD-3D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

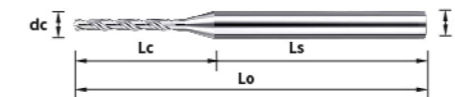


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds
ECO-SZD-0321-0325	3.21/3.22/3.23/3.24/3.25	16	50	4
ECO-SZD-0326-0330	3.26/3.27/3.28/3.29/3.30	16	50	4
ECO-SZD-0331-0335	3.31/3.32/3.33/3.34/3.35	16	50	4
ECO-SZD-0336-0340	3.36/3.37/3.38/3.39/3.40	16	50	4
ECO-SZD-0341-0345	3.41/3.42/3.43/3.44/3.45	16	50	4
ECO-SZD-0346-0350	3.46/3.47/3.48/3.49/3.50	16	50	4
ECO-SZD-0351-0355	3.51/3.52/3.53/3.54/3.55	16	50	4
ECO-SZD-0356-0359	3.56/3.57/3.58/3.59/3.60	16	50	4
ECO-SZD-0361-0365	3.61/3.62/3.63/3.64/3.65	18	50	4
ECO-SZD-0366-0370	3.66/3.67/3.68/3.69/3.70	18	50	4
ECO-SZD-0371-0375	3.71/3.72/3.73/3.74/3.75	18	50	4
ECO-SZD-0376-0380	3.76/3.77/3.78/3.79/3.80	18	50	4
ECO-SZD-0381-0385	3.81/3.82/3.83/3.84/3.85	18	50	4
ECO-SZD-0386-0390	3.86/3.87/3.88/3.89/3.90	18	50	4
ECO-SZD-0391-0395	3.91/3.92/3.93/3.94/3.95	18	50	4
ECO-SZD-0396-0400	3.96/3.97/3.98/3.99/4.00	18	50	4
ECO-SZD-0405	4.05	18	50	5
ECO-SZD-0410	4.10	18	50	5
ECO-SZD-0415	4.15	18	50	5
ECO-SZD-0420	4.20	18	50	5
ECO-SZD-0425	4.25	18	50	5
ECO-SZD-0430	4.30	18	50	5
ECO-SZD-0435	4.35	18	50	5
ECO-SZD-0440	4.40	18	50	5
ECO-SZD-0445	4.45	18	50	5
ECO-SZD-0450	4.50	18	50	5
ECO-SZD-0455	4.55	20	50	5
ECO-SZD-0460	4.60	20	50	5
ECO-SZD-0465	4.65	20	50	5
ECO-SZD-0470	4.70	20	50	5
ECO-SZD-0475	4.75	20	50	5
ECO-SZD-0480	4.80	20	50	5
ECO-SZD-0485	4.85	20	50	5
ECO-SZD-0490	4.90	20	50	5
ECO-SZD-0495	4.95	20	50	5
ECO-SZD-0500	5.00	22	50	5
ECO-SZD-0505	5.05	25	50	6
ECO-SZD-0510	5.10	25	50	6
ECO-SZD-0515	5.15	25	50	6
ECO-SZD-0520	5.20	25	50	6
ECO-SZD-0525	5.25	25	50	6
ECO-SZD-0530	5.30	25	50	6
ECO-SZD-0535	5.35	25	50	6
ECO-SZD-0540	5.40	25	50	6
ECO-SZD-0545	5.45	25	50	6
ECO-SZD-0550	5.50	25	50	6
ECO-SZD-0555	5.55	25	50	6
ECO-SZD-0560	5.60	25	50	6
ECO-SZD-0565	5.65	25	50	6
ECO-SZD-0570	5.70	25	50	6
ECO-SZD-0575	5.75	25	50	6
ECO-SZD-0580	5.80	25	50	6
ECO-SZD-0585	5.85	25	50	6
ECO-SZD-0590	5.90	25	50	6

## ECO 经济短刃型硬质合金铝用钻/钢用钻 ECO Carbide Drills with Short-cutting-length for Aluminum/Steel

### ECO-SZD-3D

- 尺寸形式-参考UBT标准制造
- 通用性钻头
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长



产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds
ECO-SZD-0595	5.95	25	50	6
ECO-SZD-0600	6.00	25	60	6
ECO-SZD-0605	6.05	30	60	8
ECO-SZD-0610	6.10	30	60	8
ECO-SZD-0615	6.15	30	60	8
ECO-SZD-0620	6.20	30	60	8
ECO-SZD-0625	6.25	30	60	8
ECO-SZD-0630	6.30	30	60	8
ECO-SZD-0635	6.35	30	60	8
ECO-SZD-0640	6.40	30	60	8
ECO-SZD-0645	6.45	30	60	8
ECO-SZD-0650	6.50	30	60	8
ECO-SZD-0655	6.55	30	60	8
ECO-SZD-0660	6.60	30	60	8
ECO-SZD-0665	6.65	30	60	8
ECO-SZD-0670	6.70	30	60	8
ECO-SZD-0675	6.75	30	60	8
ECO-SZD-0680	6.80	30	60	8
ECO-SZD-0685	6.85	30	60	8
ECO-SZD-0690	6.90	30	60	8
ECO-SZD-0695	6.95	30	60	8
ECO-SZD-0700	7.00	30	60	8
ECO-SZD-0705	7.05	32	60	8
ECO-SZD-0710	7.10	32	60	8
ECO-SZD-0715	7.15	32	60	8
ECO-SZD-0720	7.20	32	60	8
ECO-SZD-0725	7.25	32	60	8
ECO-SZD-0730	7.30	32	60	8
ECO-SZD-0735	7.35	32	60	8
ECO-SZD-0740	7.40	32	60	8
ECO-SZD-0745	7.45	32	60	8
ECO-SZD-0750	7.50	32	60	8
ECO-SZD-0755	7.55	32	60	8
ECO-SZD-0760	7.60	32	60	8
ECO-SZD-0765	7.65	32	60	8
ECO-SZD-0770	7.70	32	60	8
ECO-SZD-0775	7.75	32	60	8
ECO-SZD-0780	7.80	32	60	8
ECO-SZD-0785	7.85	32	60	8
ECO-SZD-0790	7.90	32	60	8
ECO-SZD-0795	7.95	32	60	8
ECO-SZD-0800	8.00	32	60	8
ECO-SZD-0805	8.05	32	75	10
ECO-SZD-0810	8.10	40	75	10
ECO-SZD-0815	8.15	40	75	10
ECO-SZD-0820	8.20	40	75	10
ECO-SZD-0825	8.25	40	75	10
ECO-SZD-0830	8.30	40	75	10
ECO-SZD-0835	8.35	40	75	10
ECO-SZD-0840	8.40	40	75	10
ECO-SZD-0845	8.45	40	75	10
ECO-SZD-0850	8.50	40	75	10
ECO-SZD-0855	8.55	40	75	10
ECO-SZD-0860	8.60	40	75	10

产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds
ECO-SZD-1130	11.30	48	80	12
ECO-SZD-1135	11.35	48	80	12
ECO-SZD-1140	11.40	48	80	12
ECO-SZD-1145	11.45	48	80	12
ECO-SZD-1150	11.50	48	80	12
ECO-SZD-1155	11.55	48	80	12
ECO-SZD-1160	11.60	48	80	12
ECO-SZD-1165	11.65	48	80	12
ECO-SZD-1170	11.70	48	80	12
ECO-SZD-1175	11.75	48	80	12
ECO-SZD-1180	11.80	48	80	12
ECO-SZD-1185	11.85	48	80	12
ECO-SZD-1190	11.90	48	80	12
ECO-SZD-1195	11.95	48	80	12
ECO-SZD-1200	12.00	48	80	12

## ECO 经济加长型硬质合金铝用钻/钢用钻 ECO Carbide Drills for ALU/Steel-Long

### ECO-ZDL

- 尺寸形式-参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长

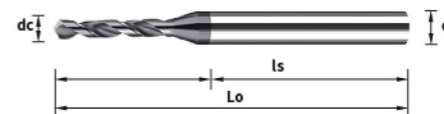


产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds	产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds
ECO-ZDL-0100-75L-15L	1.00	15	75	4	ECO-ZDL-0400-75L-30L	4.00	30	75	4
ECO-ZDL-0100-75L-20L	1.00	20	75	4	ECO-ZDL-0400-75L-40L	4.00	40	75	4
ECO-ZDL-0110-75L-15L	1.10	15	75	4	ECO-ZDL-0400-100L-50L	4.00	50	100	4
ECO-ZDL-0110-75L-20L	1.10	20	75	4	ECO-ZDL-0410-100L-45L	4.10	45	100	6
ECO-ZDL-0120-75L-15L	1.20	15	75	4	ECO-ZDL-0420-100L-45L	4.20	45	100	6
ECO-ZDL-0120-75L-20L	1.20	20	75	4	ECO-ZDL-0430-100L-45L	4.30	45	100	6
ECO-ZDL-0125-75L-15L	1.25	15	75	4	ECO-ZDL-0440-100L-45L	4.40	45	100	6
ECO-ZDL-0125-75L-20L	1.25	20	75	4	ECO-ZDL-0450-100L-50L	4.50	50	100	6
ECO-ZDL-0130-75L-15L	1.30	15	75	4	ECO-ZDL-0460-100L-50L	4.60	50	100	6
ECO-ZDL-0130-75L-20L	1.30	20	75	4	ECO-ZDL-0470-100L-50L	4.70	50	100	6
ECO-ZDL-0135-75L-15L	1.35	15	75	4	ECO-ZDL-0480-100L-50L	4.80	50	100	6
ECO-ZDL-0135-75L-20L	1.35	20	75	4	ECO-ZDL-0490-100L-50L	4.90	50	100	6
ECO-ZDL-0140-75L-15L	1.40	15	75	4	ECO-ZDL-0500-100L-40L	5.00	50	100	6
ECO-ZDL-0140-75L-20L	1.40	20	75	4	ECO-ZDL-0500-100L-50L	5.00	50	100	6
ECO-ZDL-0145-75L-15L	1.45	15	75	4	ECO-ZDL-0510-100L-50L	5.10	50	100	6
ECO-ZDL-0145-75L-20L	1.45	20	75	4	ECO-ZDL-0520-100L-50L	5.20	50	100	6
ECO-ZDL-0150-75L-15L	1.50	15	75	4	ECO-ZDL-0530-100L-50L	5.30	50	100	6
ECO-ZDL-0150-75L-20L	1.50	20	75	4	ECO-ZDL-0540-100L-50L	5.40	50	100	6
ECO-ZDL-0150-75L-25L	1.50	25	75	4	ECO-ZDL-0550-100L-50L	5.50	50	100	6
ECO-ZDL-0160-75L-20L	1.60	20	75	4	ECO-ZDL-0560-100L-50L	5.60	50	100	6
ECO-ZDL-0170-75L-20L	1.70	20	75	4	ECO-ZDL-0570-100L-50L	5.70	50	100	6
ECO-ZDL-0175-75L-20L	1.75	20	75	4	ECO-ZDL-0580-100L-50L	5.80	50	100	6
ECO-ZDL-0180-75L-20L	1.80	20	75	4	ECO-ZDL-0590-100L-50L	5.90	50	100	6
ECO-ZDL-0180-75L-25L	1.82	15	75	4	ECO-ZDL-0600-100L-50L	6.00	50	100	6
ECO-ZDL-0183-75L-15L	1.83	15	75	4	ECO-ZDL-0600-100L-60L	6.00	60	100	6
ECO-ZDL-0185-75L-15L	1.85	15	75	4	ECO-ZDL-0650-100L-60L	6.50	60	100	8
ECO-ZDL-0190-75L-20L	1.90	20	75	4	ECO-ZDL-0680-100L-60L	6.80	60	100	6
ECO-ZDL-0200-75L-15L	2.00	15	75	4	ECO-ZDL-0700-100L-60L	7.00	60	100	8
ECO-ZDL-0200-75L-20L	2.00	20	75	4	ECO-ZDL-0800-100L-60L	8.00	60	100	8
ECO-ZDL-0200-75L-25L	2.00	25	75	4	ECO-ZDL-0800-120L-80L	8.00	80	120	8
ECO-ZDL-0200-75L-30L	2.00	30	75	4	ECO-ZDL-0900-120L-80L	9.00	80	120	10
ECO-ZDL-0210-75L-25L	2.10	25	75	4	ECO-ZDL-1000-120L-80L	10.00	80	120	10
ECO-ZDL-0220-75L-25L	2.20	25	75	4	ECO-ZDL-1000-150L-100L	10.00	110	150	10
ECO-ZDL-0230-75L-25L	2.30	25	75	4	ECO-ZDL-1100-150L-100L	11.00	110	150	11
ECO-ZDL-0240-75L-25L	2.40	25	75	4	ECO-ZDL-1200-150L-100L	12.00	110	150	12
ECO-ZDL-0250-75L-20L	2.50	20	75	4	ECO-ZDL-1300-150L-100L	13.00	100	150	14
ECO-ZDL-0250-75L-25L	2.50	25	75	4	ECO-ZDL-1400-150L-100L	14.00	100	150	14
ECO-ZDL-0250-75L-30L	2.50	30	75	4	ECO-ZDL-1500-150L-100L	15.00	100	150	16
ECO-ZDL-0260-75L-30L	2.60	30	75	4	ECO-ZDL-1600-150L-100L	16.00	100	150	16
ECO-ZDL-0270-75L-30L	2.70	30	75	4	ECO-ZDL-1700-150L-100L	17.00	100	150	18
ECO-ZDL-0275-75L-30L	2.75	30	75	4	ECO-ZDL-1800-150L-100L	18.00	100	150	18
ECO-ZDL-0280-75L-30L	2.80	30	75	4	ECO-ZDL-1900-150L-100L	19.00	100	150	20
ECO-ZDL-0290-75L-30L	2.90	30	75	4	ECO-ZDL-2000-150L-100L	20.00	100	150	20
ECO-ZDL-0300-75L-30L	3.00	30	75	4					
ECO-ZDL-0300-75L-40L	3.00	40	75	4					
ECO-ZDL-0310-75L-33L	3.10	33	75	4					
ECO-ZDL-0320-75L-33L	3.20	33	75	4					
ECO-ZDL-0330-75L-36L	3.30	36	75	4					
ECO-ZDL-0340-75L-36L	3.40	36	75	4					
ECO-ZDL-0350-75L-36L	3.50	36	75	4					
ECO-ZDL-0360-75L-40L	3.60	40	75	4					
ECO-ZDL-0370-75L-40L	3.70	40	75	4					
ECO-ZDL-0380-75L-40L	3.80	40	75	4					
ECO-ZDL-0390-75L-40L	3.90	40	75	4					

## ECO 经济型定柄3合金钻 ECO Carbide Drills D=3

### ECO-SSZD

- 尺寸形式-参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计,排屑顺畅寿命更长



产品编号 Art No.	外径dc	柄长ls	总长Lo	柄径ds
ECO-SSZD-0020-0024	0.20/0.21/0.22/0.23/0.24	3	38	3
ECO-SSZD-0025-0029	0.25/0.26/0.27/0.28/0.29	3	38	3
ECO-SSZD-0030-0034	0.30/0.31/0.32/0.33/0.34	3	38	3
ECO-SSZD-0035-0039	0.35/0.36/0.37/0.38/0.39	3	38	3
ECO-SSZD-0040-0044	0.40/0.41/0.42/0.43/0.44	4	38	3
ECO-SSZD-0045-0049	0.45/0.46/0.47/0.48/0.49	4	38	3
ECO-SSZD-0050-0054	0.50/0.51/0.52/0.53/0.54	4	38	3
ECO-SSZD-0055-0059	0.55/0.56/0.57/0.58/0.59	4	38	3
ECO-SSZD-0060-0064	0.60/0.61/0.62/0.63/0.64	6	38	3
ECO-SSZD-0065-0069	0.65/0.66/0.67/0.68/0.69	6	38	3
ECO-SSZD-0070-0074	0.70/0.71/0.72/0.73/0.74	6	38	3
ECO-SSZD-0075-0079	0.75/0.76/0.77/0.78/0.79	6	38	3
ECO-SSZD-0080-0084	0.80/0.81/0.82/0.83/0.84	6	38	3
ECO-SSZD-0085-0089	0.85/0.86/0.87/0.88/0.89	6	38	3
ECO-SSZD-0090-0094	0.90/0.91/0.92/0.93/0.94	6	38	3
ECO-SSZD-0095-0099	0.95/0.96/0.97/0.98/0.99	6	38	3
ECO-SSZD-0100-0104	1.00/1.01/1.02/1.03/1.04	7	38	3
ECO-SSZD-0105-0109	1.05/1.06/1.07/1.08/1.09	7	38	3
ECO-SSZD-0110-0104	1.10/1.11/1.12/1.13/1.14	7	38	3
ECO-SSZD-0115-0119	1.15/1.16/1.17/1.18/1.19	7	38	3
ECO-SSZD-0120-0124	1.20/1.21/1.22/1.23/1.24	7	38	3
ECO-SSZD-0125-0129	1.25/1.26/1.27/1.28/1.29	8	38	3
ECO-SSZD-0130-0134	1.30/1.31/1.32/1.33/1.34	8	38	3
ECO-SSZD-0135-0139	1.35/1.36/1.37/1.38/1.39	8	38	3
ECO-SSZD-0140-0144	1.40/1.41/1.42/1.43/1.44	8	38	3
ECO-SSZD-0145-0149	1.45/1.46/1.47/1.48/1.49	8	38	3
ECO-SSZD-0150-0154	1.50/1.51/1.52/1.53/1.54	8	38	3
ECO-SSZD-0155-0159	1.55/1.56/1.57/1.58/1.59	8	38	3
ECO-SSZD-0160-0164	1.60/1.61/1.62/1.63/1.64	9	38	3
ECO-SSZD-0165-0169	1.65/1.66/1.67/1.68/1.69	9	38	3
ECO-SSZD-0170-0174	1.70/1.71/1.72/1.73/1.74	9	38	3
ECO-SSZD-0175-0179	1.75/1.76/1.77/1.78/1.79	9	38	3
ECO-SSZD-0180-0184	1.80/1.81/1.82/1.83/1.84	10	38	3
ECO-SSZD-0185-0189	1.85/1.86/1.87/1.88/1.89	10	38	3
ECO-SSZD-0190-0194	1.90/1.91/1.92/1.93/1.94	10	38	3
ECO-SSZD-0195-0199	1.95/1.96/1.97/1.98/1.99	10	38	3
ECO-SSZD-0200-0204	2.00/2.01/2.02/2.03/2.04	12	38	3
ECO-SSZD-0205-0209	2.05/2.06/2.07/2.08/2.09	12	38	3
ECO-SSZD-0210-0214	2.10/2.11/2.12/2.13/2.14	12	38	3
ECO-SSZD-0215-0219	2.15/2.16/2.17/2.18/2.19	12	38	3
ECO-SSZD-0220-0224	2.20/2.21/2.22/2.23/2.24	12	38	3
ECO-SSZD-0225-0229	2.25/2.26/2.27/2.28/2.29	12	38	3
ECO-SSZD-0230-0234	2.30/2.31/2.32/2.33/2.34	12	38	3
ECO-SSZD-0235-0239	2.35/2.36/2.37/2.38/2.39	12	38	3
ECO-SSZD-0240-0244	2.40/2.41/2.42/2.43/2.44	12	38	3
ECO-SSZD-0245-0249	2.45/2.46/2.47/2.48/2.49	12	38	3
ECO-SSZD-0250-0254	2.50/2.51/2.52/2.53/2.54	12	38	3
ECO-SSZD-0255-0259	2.55/2.56/2.57/2.58/2.59	12	38	3
ECO-SSZD-0260-0264	2.60/2.61/2.62/2.63/2.64	12	38	3
ECO-SSZD-0265-0269	2.65/2.66/2.67/2.68/2.69	12	38	3
ECO-SSZD-0270-0274	2.70/2.71/2.72/2.73/2.74	12	38	3
ECO-SSZD-0275-0279	2.75/2.76/2.77/2.78/2.79	12	38	3
ECO-SSZD-0280-0284	2.80/2.81/2.82/2.83/2.84	12	38	3

## 高精度钨钢铰刀 Carbide Reamers

### ECO-ZDL

- 尺寸形式-参考UBT标准制造
- 通用性钻尖
- 刃口均采用数控专用设备钝化处理
- 铝用钻槽型采用抛光处理设计, 排屑顺畅寿命更长



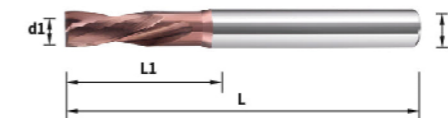
	编号	规格	刃数	公差
左旋	UBT-JD-0250	D2.5x6xN14x54Lx4D	4F	H7
	UBT-JD-0300	D3.0x6xN14x54Lx4D	4F	H7
	UBT-JD-0350	D3.5x6xN14x54Lx4D	4F	H7
	UBT-JD-0400	D4.0x6xN14x54Lx4D	4F	H7
	UBT-JD-0450	D4.5x15xN32x97Lx6D	6F	H7
	UBT-JD-0500	D5.0x15xN32x97Lx6D	6F	H7
	UBT-JD-0550	D5.5x15xN47x97Lx6D	6F	H7
	UBT-JD-0600	D6.0x15xN47x97Lx6D	6F	H7
	UBT-JD-0700	D7.0x20xN57x117Lx8D	6F	H7
	UBT-JD-0750	D7.5x20xN57x117Lx8D	6F	H7
	UBT-JD-0800	D8.0x20xN57x117Lx8D	6F	H7
	UBT-JD-0850	D8.5x20xN57x117Lx10D	6F	H7
	UBT-JD-0900	D9.0x25xN65x121Lx10D	6F	H7
	UBT-JD-0950	D9.5x25xN65x121Lx10D	6F	H7
	UBT-JD-1000	D10.0x25xN65x121Lx10D	6F	H7
	UBT-JD-1050	D10.5x35xN75x130Lx12D	6F	H7
	UBT-JD-1100	D11.0x35xN75x130Lx12D	6F	H7
	UBT-JD-1150	D11.5x35xN75x130Lx12D	6F	H7
	UBT-JD-1200	D12.0x35xN75x130Lx12D	6F	H7
	UBT-JD-1250	D12.5x35xN75x130Lx12D	6F	H7
UBT-JD-1300	D13.0x35xN75x130Lx14D	6F	H7	
UBT-JD-1400	D14.0x35xN75x130Lx14D	6F	H7	
UBT-JD-1500	D15.0x50xN85x130Lx16D	6F	H7	
UBT-JD-1600	D16.0x55xN85x135Lx16D	6F	H7	
UBT-JD-2000	D20.0x60xN85x161Lx20D	6F	H7	

	编号	规格	刃数	公差
右旋	UBT-SJD-0100	D1.0x6x50Lx4D	4F	H7
	UBT-SJD-0150	D1.5x9x50Lx4D	4F	H7
	UBT-SJD-0200	D2.0x11x50Lx4D	4F	H7
	UBT-SJD-0250	D2.5x13x50Lx4D	4F	H7
	UBT-SJD-0298	D2.98x16x50Lx4D	4F	H7
	UBT-SJD-0300	D3.0x16x50Lx4D	4F	H7
	UBT-SJD-0302	D3.02x16x50Lx4D	4F	H7
	UBT-SJD-0398	D3.98x22x50Lx4D	4F	H7
	UBT-SJD-0400	D4.0x22x50Lx4D	4F	H7
	UBT-SJD-0402	D4.02x22x65Lx6D	4F	H7
	UBT-SJD-0498	D4.98x35x75Lx6D	6F	H7
	UBT-SJD-0500	D5.0x35x75Lx6D	6F	H7
	UBT-SJD-0502	D5.02x35x75Lx6D	6F	H7
	UBT-SJD-0598	D5.98x20xN35x75Lx6D	6F	H7
	UBT-SJD-0600	D6.0x20xN35x75Lx6D	6F	H7
	UBT-SJD-0602	D6.02x20xN35x75Lx6D	6F	H7
	UBT-SJD-0798	D7.98x25xN40x80Lx8D	6F	H7
	UBT-SJD-0800	D8.0x25xN40x80Lx8D	6F	H7
	UBT-SJD-0802	D8.02x25xN40x80Lx8D	6F	H7
	UBT-SJD-0998	D9.98x30xN42x80Lx10D	6F	H7
	UBT-SJD-1000	D10.0x30xN42x80Lx10D	6F	H7
	UBT-SJD-1002	D10.02x30xN42x80Lx10D	6F	H7
	UBT-SJD-1198	D11.98x35xN55x100Lx12D	6F	H7
	UBT-SJD-1200	D12.0x35xN55x100Lx12D	6F	H7
UBT-SJD-1202	D12.02x35xN55x100Lx12D	6F	H7	

NOTE:

## 钨钢平底钻头/平头钻 Tungsten Steel Flat Bottom Drill/Flat Drill

- 配合美制英制锥管螺纹, 加工锥度螺纹底孔, 使螺纹精度更高。



规格			
刃径d1	避空长L1	柄径D	总长L
0.5-1.0	4.0	3.0	50
1.05-1.5	6.0	3.0	50
1.55-1.95	10	3.0	50
2-2.95	14	4.0	50
3-4	17	4.0	50
4.05-5	23	6.0	60
5.05-6	27	6.0	60
6.05-7	32	8.0	75
7.05-8	36	8.0	75
8.1-9	41	10	85
9.1-10	45	10	85
10.1-11	50	12	95
11.1-12	54	12	95
12.1-12.5	57	14	100
12.6-13	59	14	100
13.5	61	14	105
14	63	14	105
14.5	65	16	110
15	68	16	110
15.5	70	16	120
16	72	16	120
16.5	75	16	125
17	77	16	125
17.5	79	16	130
18	81	16	130
18.5	84	16	135
19	86	16	135
19.5	88	16	145
20	90	20	145

NOTE:



## 螺纹铣刀系列

Thread milling cutter series



80°PG德标螺纹铣刀

单齿螺纹铣刀

三排牙公制螺纹铣刀-两倍径

单齿螺纹铣刀-钛合金/高温合金

全齿公制螺纹铣刀

全齿公制螺纹铣刀

BSPT(RC) 55°  
英制锥度密封管螺纹铣刀

公制超硬二排牙螺纹铣刀

NPR钨钢小孔仿形镗刀-2

## 单齿螺纹铣刀 Single Tooth Tungsten Steel Thread Milling Cutter

- 合适加工打样件螺纹工件不多、螺纹规格型号多、也可加工美制螺纹、
- 单扣牙加工阻力小、通用性强使用方便
- 避空加长特别适合深孔和螺纹种类复杂的工况



产品编号 Art No.	型号	尺寸规格					
		mm	刃径d1	避空直径d2	避空长L1	柄径D	总长L
ISO S0.2 0.550150450 D	M0.8*0.2	0.55	0.32	1.5	4.0	50	2
ISO S0.225 0.6250180450 D	M0.9*0.225	0.625	0.35	1.8	4.0	50	2
ISO S0.25 0.720250450 D	M1.0*0.25	0.72	0.43	2.5	4.0	50	2
ISO S0.25 0.90320450 D	M1.2*0.25	0.9	0.63	3.2	4.0	50	2
ISO S0.3 1.050350450 D	M1.4*0.3	1.05	0.7	3.5	4.0	50	3
ISO S0.35 1.2040450 D	M1.6*0.35	1.2	0.8	4.0	4.0	50	3
ISO S0.4 1.55060450 D	M2.0*0.4	1.55	0.9	6.0	4.0	50	3
ISO S0.45 1.960650450 D	M2.5*0.45	1.96	1.3	6.5	4.0	50	4
ISO S0.5 2.35080450 D	M3.0*0.5	2.35	1.6	8.0	4.0	50	4
ISO S0.7 3.15100450 D	M4.0*0.7	3.15	2.1	10	4.0	50	4
ISO S0.8 3.9120450 D	M5.0*0.8	3.9	2.8	12	4.0	50	4
ISO S1.0 4.8150650 D	M6.0*1.0	4.8	3.4	15	6.0	50	4
ISO S1.25 6.0200660 D	M8.0*1.25	6.0	4.2	20	6.0	60	4
ISO S1.5 7.7250860 D	M10*1.5	7.7	5.6	25	8.0	60	4
ISO S1.75 9.6301075 D	M12*1.75	9.6	7.3	30	10	75	4
ISO S2.0 10361075 D	M14*2.0	10	7.3	36	10	75	4
ISO S2.5 12381275 D	M18*2.5	12	8.8	38	12	75	4
ISO S3.0 144814100 D	M24*3.0	14	10.2	48	14	100	6
ISO S3.5 165016100 D	M30*3.5	16	11.5	50	16	100	6

## 单齿螺纹铣刀-钛合金/高温合金 Single Tooth Tungsten Steel Thread Milling Cutter-Titanium Alloy/High Temperature Alloy

- 合适加工打样件螺纹工件不多、螺纹规格型号多、也可加工美制螺纹、
- 单扣牙加工阻力小、通用性强使用方便
- 采用高温合金、钛合金专用涂层,提高了刀具的抗粘屑



产品编号 Art No.	型号	尺寸规格					
		mm	刃径d1	避空直径d2	避空长L1	柄径D	总长L
ISO S0.35 1.2040450 X	M1.6*0.35	1.2	0.8	4.0	4.0	50	3
ISO S0.4 1.55060450 X	M2.0*0.4	1.55	0.9	6.0	4.0	50	3
ISO S0.45 1.960650450 X	M2.5*0.45	1.96	1.3	6.5	4.0	50	4
ISO S0.5 2.35080450 X	M3.0*0.5	2.35	1.6	8.0	4.0	50	4
ISO S0.7 3.15100450 X	M4.0*0.7	3.15	2.1	10	4.0	50	4
ISO S0.8 3.9120450 X	M5.0*0.8	3.9	2.8	12	4.0	50	4
ISO S1.0 4.8150650 X	M6.0*1.0	4.8	3.4	15	6.0	50	4
ISO S1.25 6.0200660 X	M8.0*1.25	6.0	4.2	20	6.0	60	4
ISO S1.5 7.7250860 X	M10*1.5	7.7	5.6	25	8.0	60	4
ISO S1.75 9.6301075 X	M12*1.75	9.6	7.3	30	10	75	4
ISO S2.0 10361075 X	M14*2.0	10	7.3	36	10	75	4
ISO S2.5 12381275 X	M18*2.5	12	8.8	38	12	75	4
ISO S3.0 144814100 X	M24*3.0	14	10.2	48	14	100	6
ISO S3.5 165016100 X	M30*3.5	16	11.5	50	16	100	6

## 单齿加长螺纹铣刀 Single Tooth Tungsten Steel Thread Milling Cutter-Titanium Alloy/High Temperature Alloy

- 合适加工打样件螺纹孔数量不多, 螺纹规格多, 使用方便
- 单扣牙加工抗力小, 可加工较深的螺纹孔



产品编号 Art No.	型号	尺寸规格					
	mm	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO S0.3 1.0503504100 D	M1.4*0.3	1.05	0.7	3.5	4.0	100	3
ISO S0.35 1.20404100 D	M1.6*0.35	1.2	0.8	4.0	4.0	100	3
ISO S0.4 1.550604100 D	M2.0*0.4	1.55	0.9	6.0	4.0	100	3
ISO S0.45 1.9606504100 D	M2.5*0.45	1.96	1.3	6.5	4.0	100	4
ISO S0.5 2.350804100 D	M3.0*0.5	2.35	1.6	8.0	4.0	100	4
ISO S0.7 3.151004100 D	M4.0*0.7	3.15	2.1	10	4.0	100	4
ISO S0.8 3.91204100 D	M5.0*0.8	3.9	2.8	12	4.0	100	4
ISO S1.0 4.81506100 D	M6.0*1.0	4.8	3.4	15	6.0	100	4
ISO S1.25 6.02006100 D	M8.0*1.25	6.0	4.2	20	6.0	100	4
ISO S1.5 7.72508100 D	M10*1.5	7.7	5.6	25	8.0	100	4
ISO S1.75 9.63010100 D	M12*1.75	9.6	7.3	30	10	100	4
ISO S2.0 103610100 D	M14*2.0	10	7.3	36	10	100	4
ISO S2.5 123812100 D	M18*2.5	12	8.8	38	12	100	4
ISO S3.0 144814100 D	M24*3.0	14	10.2	48	14	100	6
ISO S3.5 165016100 D	M30*3.5	16	11.5	50	16	100	6

## 单齿钢用范围螺纹铣刀 Single Tooth Range Tungsten Steel Thread Milling Cutter - For Steel

- 合适加工打样件螺纹工件不多, 螺纹规格型号多, 也可加工美制螺纹,
- 单扣牙加工阻力小, 通用性强使用方便



产品编号 Art No.	型号	尺寸规格				
	mm	刃径d1	避空直径d2	避空长L1	柄径D	总长L
ISO S0.25-0.35 1.050350450 D	0.25-0.35	1.05	0.6	3.5	4.0	50
ISO S0.25-0.35 1.20040450 D	0.25-0.35	1.2	0.75	4.0	4.0	50
ISO S0.3-0.5 1.55060450 D	0.3-0.5	1.55	0.9	6.0	4.0	50
ISO S0.3-0.7 1.960650450 D	0.3-0.7	1.96	1.1	6.5	4.0	50
ISO S0.3-0.8 2.35080450 D	0.3-0.8	2.35	1.4	8.0	4.0	50
ISO S0.3-0.8 3.15100450 D	0.3-0.8	3.15	2.0	10	4.0	50
ISO S0.3-1.0 3.9120450 D	0.3-1.0	3.9	2.5	12	4.0	50
ISO S0.5-1.5 4.8150650 D	0.5-1.5	4.8	2.9	15	6.0	50
ISO S0.5-1.75 6.0200450 D	0.5-1.75	6.0	4.0	20	6.0	50
ISO S0.5-2.5 7.7250860 D	0.5-2.5	7.7	4.8	25	8.0	60
ISO S1.0-3.0 9.6301075 D	1.0-3.0	9.6	6.0	30	10	75
ISO S1.0-3.5 10361075 D	1.0-3.5	10	6.0	36	10	75
ISO S1.0-4.0 12381275 D	1.0-4.0	12	7.3	38	12	75
ISO S1.5-4.0 144814100 D	1.5-4.0	14	9.0	48	14	100
ISO S2.0-5.0 165016100 D	2.0-5.0	16	10	50	16	100

## 单齿钢用范围螺纹铣刀-避空加长 Single Tooth Range Tungsten Steel Thread Milling Cutter - L1 Extended

- 合适加工打样件螺纹工件不多, 螺纹规格型号多, 也可加工美制螺纹,
- 单扣牙加工阻力小, 通用性强使用方便
- 避空加长特别适合深孔和螺纹种类复杂的工况

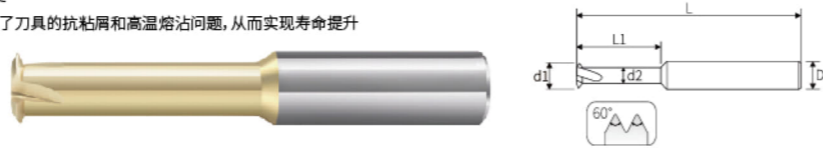


产品编号 Art No.	螺纹型号			螺距(P)		尺寸规格					
	M粗牙	细牙	UN, UNS, UNF, UNEF	mm	tpi	d1	d2	L1	D	L	F
ISO S0.5-0.8 3.90160450 D	M5x0.8	M5x0.5 M5x0.75	No.10-56UNS No.10-48UNS No.40UNS	0.5-0.8	32-56	3.9	2.8	16	4.0	50	4
ISO S0.5-1.0 4.850200660 D	M6x1.0	M6x0.5 M6x0.75	No.12-56UNS No.12-48UNS 1/4-40UNS,1/4-36UNS 1/4-32UNEF,1/4-28UNF 1/4-27UNS,1/4-24UNS	0.5-1.0	24-56	4.85	3.5	20	6.0	60	5
ISO S0.5-1.25 5.9250660 D	M8x1.25	M7x0.5 M7x0.75 M7.5x1.0	5/16-48UNS,5/16-40UNS 5/16-36UNS,5/16-36UNEF 5/16-28UNS,5/16-27UNS 5/16-24UNS,5/16-20UNS	0.5-1.25	20-48	5.9	4.2	25	6.0	60	5
ISO S0.5-1.0 9.8351075 D		M10x0.5 M11x0.75 M11x1.0	7/16-32UNS,7/16-28UNEF 7/16-27UNS,7/16-24UNS	0.5-1.0	24-56	9.8	8.5	35	10	75	6
ISO S1.0-1.5 7.9320875 D	M10x1.5	M10x1.0 M10x1.25	3/8-24UNF,3/8-20NS 7/16-18UNS,7/16-16UNS	1.0-1.50	13-24	7.9	5.8	32	8.0	75	6
ISO S1.0-1.75 9.9381075 D	M12x1.75	M12x1.0 M12x1.25 M12x1.5	1/2-24UNS,1/2-20UNS 1/2-18UNS,1/2-14UNS 1/2-16UNS,	1.0-1.75	14-24	9.9	7.6	38	10	75	6
ISO S1.0-2.0 11.9401275 D	M16x2.0	M13.5x1.0 M14x1.25 M14x1.5	9/16-24UNEF,9/16-18UNF 5/8-18UNF,3/4-16UNF 7/8-14UNF	1.0-2.0	14-24	11.9	9.6	40	12	75	6
ISO S2.0-3.0 144814100 D	M18x2.5 M20x2.5 M22x2.5 M24x3.0 M27x3.0		9/16-12UNC, 5/8-11UNC 3/4-10UNC, 7/8-9UNC	2.0-3.0	9-12	14	10.2	48	14	100	6
ISO S2.0-3.5 165016100 D	M20x2.5 M22x2.5 M24x3.0 M30x3.5 M33x3.5		9/16-12UNC, 5/8-11UNC 3/4-10UNC, 1-8UNC	2.0-3.5	8-12	16	11.5	50	16	100	6

NOTE:

## 单齿范围螺纹铣刀-钛合金/高温合金 Single Tooth Range Champagne Thread Milling Cutter-Titanium Alloy/High Temperature Alloy

- 合适加工打样件螺纹工件不多、螺纹规格型号多、也可加工美制螺纹、
- 单扣牙加工阻力小、通用性强使用方便
- 采用高温合金、钛合金专用涂层,提高了刀具的抗粘屑和高温熔沾问题,从而实现寿命提升



产品编号 Art No.	螺纹型号			螺距(P)		尺寸规格					
	M粗牙	细牙	UN, UNS, UNF, UNEF	mm	tpi	d1	d2	L1	D	L	F
ISO S0.5-0.8 3.90160450 X	M5x0.8	M5x0.5 M5x0.75	No.10-56UNS No.10-48UNS No.40UNS	0.5-0.8	32-56	3.9	2.8	16	4.0	50	4
ISO S0.5-1.0 4.850200660 X	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	4.85	3.5	20	6.0	60	5
ISO S0.5-1.25 5.9250660 X	M8x1.25	M7x0.5 M7x0.75 M7.5x1.0	5/16-48UNS,5/16-40UNS 5/16-36UNS,5/16-36UNEF 5/16-28UN,5/16-27UNS 5/16-24UNS,5/16-20UNS	0.5-1.25	20-48	5.9	4.2	25	6.0	60	5
ISO S0.5-1.0 9.8351075 X		M10x0.5 M11x0.75 M11x1.0	7/16-32UNS,7/16-28UNEF 7/16-27UNS,7/16-24UNS	0.5-1.0	24-56	9.8	8.5	35	10	75	6
ISO S1.0-1.5 7.9320875 X	M10x1.5	M10x1.0 M10x1.25	3/8-24UNF,3/8-20NS 7/16-18UNS,7/16-16UNS	1.0-1.50	13-24	7.9	5.8	32	8.0	75	6
ISO S1.0-1.75 9.9381075 X	M12x1.75	M12x1.0 M12x1.25 M12x1.5	1/2-24UNS,1/2-20UNS 1/2-18UNS,1/2-14UNS 1/2-16UNS	1.0-1.75	14-24	9.9	7.6	38	10	75	6
ISO S1.0-2.0 11.9401275 X	M16x2.0	M13.5x1.0 M14x1.25 M14x1.5	9/16-24UNEF,9/16-18UNF 5/8-18UNF,3/4-16UNF 7/8-14UNF	1.0-2.0	14-24	11.9	9.6	40	12	75	6
ISO S2.0-3.0 144814100 X	M18x2.5 M20x2.5 M22x2.5 M24x3.0 M27x3.0		9/16-12UNC,5/8-11UNC 3/4-10UNC,7/8-9UNC	2.0-3.0	9-12	14	10.2	48	14	100	6
ISO S2.0-3.5 165016100 X	M20x2.5 M22x2.5 M24x3.0 M27x3.0 M30x3.5 M33x3.5		9/16-12UNC,5/8-11UNC 3/4-10UNC,1-8UNC	2.0-3.5	8-12	16	11.5	50	16	100	6

NOTE:

## 单齿DLC七彩铝用范围螺纹铣刀 Single Tooth Dlc Seven Color Aluminum Tungsten Steel

- 合适加工打样件螺纹孔数量不多,螺纹规格多,使用方便,单扣牙加工抗力小,可加工较深的螺纹孔,
- 七彩DLC涂层具有最低的摩擦系数,对非铁金属具有高抗熔结性,抗腐蚀性。
- 适合加工铜合金、铝合金、有色金属、亚克力等



产品编号 Art No.	型号	尺寸规格					
		mm	刃径d1	避空直径d2	避空长L1	柄径D	总长L
ISO S0.25 0.70300450 DCL	P0.25	0.72	0.43	2.5	4.0	50	2
ISO S0.25 0.70300450 DCL	P0.25	0.9	0.63	3.2	4.0	50	2
ISO S0.3 1.70300450 DCL	P0.3	1.05	0.6	3.5	4.0	50	3
ISO S0.35 1.70300450 DCL	P0.35	1.2	0.75	4.0	4.0	50	3
ISO S0.4-0.5 1.70300450 DCL	P0.4-P0.5	1.55	0.9	6.0	4.0	50	3
ISO S0.45-0.6 1.70300450 DCL	P0.45-P0.6	1.96	1.1	6.5	4.0	50	4
ISO S0.5-0.7 2.70300450 DCL	P0.5-P0.7	2.35	1.4	8.0	4.0	50	4
ISO S0.5-1.0 3.70300450 DCL	P0.5-P1.0	3.15	2.0	10	4.0	50	4
ISO S0.5-1.0 3.70300450 DCL	P0.5-P1.0	3.9	2.5	12	4.0	50	4
ISO S0.5-1.5 4.70300450 DCL	P0.5-P1.5	4.8	2.9	15	6.0	50	4
ISO S0.5-1.5 6.70300450 DCL	P0.5-P1.5	6.0	4.0	20	6.0	50	4
ISO S0.8-2.0 7.70300450 DCL	P0.8-P2.0	7.7	4.8	25	8.0	60	4
ISO S1.0-2.5 9.70300450 DCL	P1.0-P2.5	9.6	6.0	30	10	75	4
ISO S1.0-3.0 10.70300450 DCL	P1.0-P3.0	10	6.0	36	10	75	4
ISO S1.25-3.5 12.70300450 DCL	P1.25-3.5	12	7.3	38	12	75	4
ISO S1.5-3.5 144814100 DLC	P1.5-3.5	14	9.0	48	14	100	4
ISO S2.0-4.0 165016100 DLC	P2.0-4.0	16	10	50	16	100	4

## 单齿55°英制范围螺纹铣刀 Single Tooth 55° Inch Range Thread Milling Cutter

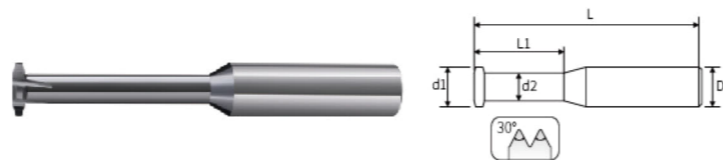
- 合适加工打样件螺纹工件不多、螺纹规格型号多、可加工英制管螺纹、
- 英制锥管螺纹、惠氏螺纹、单扣牙加工阻力小、通用性强使用方便



产品编号 Art No.	尺寸规格								
	螺纹规格	牙距	刃径d1	角度	避空直径d2	避空长L1	柄径D	总长L	刃数F
W S32 3.10800450 D	W5/32	P1.058	3.5	55°	2.0	10	4.0	50	4
W S24 3.5100450 D	W3/16-24	P0.793	3.1	55°	1.9	8	4.0	50	4
W S20 4.0120450 D	W1/4-20	P1.27	4.0	55°	2.2	12	4.0	50	4
WS28-18 6.0140650 D	W5/16-18 G1/8-28 G1/16-28	P0.907-P1.411	6.0	55°	4.5	14	4.0	50	4
WS19-14 8.0220860 D	W3/8-16 W7/16-14 G1/4-19 G3/8-19	P1.336-P1.814	8.0	55°	5.9	22	4.0	50	4
WS19-14 10301075 D	W7/16-14 G1/4-19 G1/2-14 G3/8-19 G3/4-14	P1.336-P1.814	10	55°	7.3	30	4.0	50	4
WS14-10 12381275 D	W5/8-11 W3/4-10 G1/2-14 G3/4-14 G1-11	P1.336-P2.54	12	55°	8.2	38	4.0	50	4

## 30°梯形螺纹铣刀 30° Trapezoidal Thread Milling Cutter

●梯形螺纹是螺旋传动的主要传动形式,多用于机床的主丝杠传动和刀架的丝杠传动



产品编号 Art No.	尺寸规格						
	30°螺纹铣刀	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
TR S1.0 5.5200650 D	TR 7x1.0	5.5	4.1	20	6.0	50	4
TR S1.5 6.0200650 D	TR 8x1.5	6.0	4.0	20	6.0	50	4
	TR 9x1.5						
TR S2.0 6.4200660 D	TR 9x2	6.4	3.7	20	8.0	60	4
	TR 10x2						
	TR 11x2						
TR S2.0 9.4351075 D	TR 12x2	9.4	6.5	35	10	75	4
	TR 14x2						
	TR 16x2						
	TR 18x2						
	TR 20x2						
TR S3.0 7.4250860 D	TR 11x3	7.4	3.8	25	8.0	60	4
	TR 12x3						
	TR 14x3						
TR S3.0 10351075 D	TR 14x3	10	6.0	35	10	75	4
	TR 22x3						
	TR 24x3						
	TR 26x3						
	TR 28x3						
	TR 30x3						
TR S4.0 11381275 D	TR 16x4	11	6.0	38	12	75	4
	TR 18x4						
	TR 20x4						
TR S5.0 145014100 D	TR 22x5	14	7.8	50	14	100	4
	TR 24x5						
	TR 26x5						
	TR 28x5						
TR S6.0 165016100 D	TR 30x6	16	9.0	50	16	100	4
	TR 32x6						
	TR 34x6						
	TR 36x6						
	TR 38x6						
	TR 40x6						
TR 42x6							

NOTE: \_\_\_\_\_

## 29°爱克母螺纹铣刀 29° Acme Female Thread Milling Cutter

●梯形螺纹是螺旋传动的主要传动形式,多用于机床的主丝杠传动和刀架的丝杠传动



产品编号 Art No.	型号	尺寸规格					
	mm	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ACME S16 4.7150650 D	1/4-16	4.7	2.6	15	6.0	50	4
ACME S14 6.0200650 D	5/16-14	6.0	3.6	20	6.0	50	4
ACME S12 7.2250860 D	3/8-12 7/16-12	7.2	4.5	25	8.0	60	4
ACME S10 10351075 D	1/2-10	10	6.6	35	10	75	4
ACME S8 12351275 D	5/8-8	12	7.5	35	12	75	4
ACME S6 12351275 D	3/4-6 7/8-6	12	6.5	35	12	75	4

## 80°PG德标螺纹铣刀 PG German standard thread milling cutter

●合适加工打样件螺纹孔数量不多,螺纹规格多,使用方便单扣加工抗力小,可加工较深的螺纹孔



产品编号 Art No.	尺寸规格						
	螺纹规格	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
PG S 8.0150860 D	PG7 PG13.5 PG9 PG16 PG11	8	6	15	8.0	60	4
PG S 10201075 D	PG9 PG13.5 PG11 PG16	10	7	20	10	75	4
PG S 12201275 D	PG21 PG29 PG36 PG42 PG48	12	7	20	12	75	4

NOTE: \_\_\_\_\_

## 三排牙公制螺纹铣刀-两倍径 Three Tooth Metric Thread Milling Cutter-2D

●合适加工小孔径螺纹和硬度比较高的工件,三扣牙刚性好,强度高,不容易断

灰黑色涂层中间纳米叠层结构具有较高的韧性和高的压应力特别适合加工碳钢、

45号钢、20Cr、S136、40Cr、42Cr、模具钢、淬火钢等



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.25 0.730200450 D	M1.0	0.25	0.73	0.43	2.0	4.0	50	3
ISO T0.25 0.920240450 D	M1.2	0.25	0.92	0.62	2.4	4.0	50	3
ISO T0.3 1.050280450 D	M1.4	0.3	1.05	0.65	2.8	4.0	50	3
ISO T0.35 1.20320450 D	M1.6	0.35	1.2	0.78	3.2	4.0	50	3
ISO T0.35 1.40360450 D	M1.8	0.35	1.4	0.98	3.6	4.0	50	3
ISO T0.4 1.550400450 D	M2.0	0.4	1.55	1.05	4.0	4.0	50	3
ISO T0.45 1.70500450 D	M2.2	0.45	1.7	1.1	5.0	4.0	50	3
ISO T0.45 2.00500450 D	M2.5	0.45	2.0	1.45	5.0	4.0	50	3
ISO T0.5 2.40600450 D	M3.0	0.5	2.4	1.8	6.0	4.0	50	3
ISO T0.6 2.750800450 D	M3.5	0.6	2.75	2.0	8.0	4.0	50	3
ISO T0.7 3.150800450 D	M4.0	0.7	3.15	2.3	8.0	4.0	50	3
ISO T0.75 3.50900450 D	M4.5	0.75	3.5	2.55	9.0	4.0	50	3
ISO T0.8 4.0100450 D	M5.0	0.8	4.0	3.0	10	4.0	50	3
ISO T1.0 4.8120650 D	M6.0	1.0	4.8	3.6	12	6.0	50	3
ISO T1.0 6.0160650 D	M8.0	1.0	6.0	4.8	16	6.0	50	4
ISO T1.25 6.0160650 D	M8.0	1.25	6.0	4.5	16	6.0	50	4
ISO T1.0 8.0200860 D	M10	1.0	8.0	6.8	20	8.0	60	4
ISO T1.5 8.0200860 D	M10	1.5	8.0	6.2	20	8.0	60	4
ISO T1.0 10.241075 D	M12	1.0	10	8.7	24	10	75	4
ISO T1.5 10.241075 D	M12	1.5	10	8.1	24	10	75	4
ISO T1.75 10.241075 D	M12	1.75	10	7.8	24	10	75	4
ISO T1.5 12.281275 D	M14	1.5	12	10.1	28	12	75	4
ISO T2.0 10.281075 D	M14	2.0	10	7.5	28	10	75	4
ISO T2.0 12.321275 D	M16	2.0	12	9.5	32	12	75	4
ISO T1.5 14.3214100 D	M16	1.5	14	12.1	32	14	100	4
ISO T2.0 13.53214100 D	M16	2.0	13.5	11	32	14	100	4
ISO T1.5 16.4016100 D	M20	1.5	16	14.1	40	16	100	4
ISO T2.5 16.4016100 D	M20	2.5	16	12.6	40	16	100	6
ISO T3.0 16.4816100 D	M24	3.0	16	12	48	16	100	6

NOTE:

## 三排牙公制螺纹铣刀-三倍径 Three Tooth Metric Thread Milling Cutter-3D

●合适加工小孔径螺纹和硬度比较高的工件,三扣牙刚性好,耐磨性高,螺纹尺寸更加稳定

采用AlTiSiN涂层,含铝、钛、硅、氮等多种复合元素其中含有较高的铝元素具有较高

的润滑效果特别适合加工不锈钢,等通用钢件。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.25 0.730300450 D	M1.0	0.25	0.73	0.43	3.0	4.0	50	3
ISO T0.25 0.920360450 D	M1.2	0.25	0.92	0.62	3.6	4.0	50	3
ISO T0.3 1.050420450 D	M1.4	0.3	1.05	0.65	4.2	4.0	50	3
ISO T0.35 1.20480450 D	M1.6	0.35	1.2	0.78	4.8	4.0	50	3
ISO T0.4 1.550600450 D	M2.0	0.4	1.55	1.05	6.0	4.0	50	3
ISO T0.45 2.00750450 D	M2.5	0.45	2.0	1.45	7.5	4.0	50	3
ISO T0.5 2.40900450 D	M3.0	0.5	2.4	1.8	9.0	4.0	50	3
ISO T0.7 3.15120450 D	M4.0	0.7	3.15	2.3	12	4.0	50	3
ISO T0.8 4.0150450 D	M5.0	0.8	4.0	3.0	15	4.0	50	3
ISO T1.0 4.8180650 D	M6.0	1.0	4.8	3.6	18	6.0	50	3
ISO T1.25 6.0240650 D	M8.0	1.25	6.0	4.5	24	6.0	50	4
ISO T1.5 8.0300860 D	M10	1.5	8.0	6.2	30	8.0	60	4
ISO T1.75 10.361075 D	M12	1.75	10	7.8	36	10	75	4

## 三排牙公制螺纹铣刀-四倍径 Four Tooth Metric Thread Milling Cutter-3D

●合适加工小孔径螺纹和硬度比较高的工件,三扣牙刚性好,耐磨性高,螺纹尺寸更加稳定

采用AlTiSiN涂层,含铝、钛、硅、氮等多种复合元素其中含有较高的铝元素具有较高

的润滑效果特别适合加工不锈钢,等通用钢件。

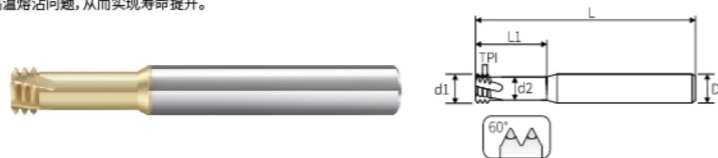


产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.4 1.550800450 D	M2.0	0.4	1.55	1.05	8.0	4.0	50	3
ISO T0.45 2.00100450 D	M2.5	0.45	2.0	1.45	10	4.0	50	3
ISO T0.5 2.4120450 D	M3.0	0.5	2.4	1.8	12	4.0	50	3
ISO T0.7 3.15160450 D	M4.0	0.7	3.15	2.3	16	4.0	50	3
ISO T0.8 4.0200450 D	M5.0	0.8	4.0	3.0	20	4.0	50	3

NOTE:

## 三排牙公制螺纹铣刀-钛合金/高温合金 Three Teeth Metric Thread Mills-Titanium Alloy/High Temperature Alloy

●合适加工小孔径螺纹和硬度比较高的工件、三扣牙刚性好、耐磨性高、螺纹尺寸更加稳定  
采用高温合金、钛合金专用涂层,提高了刀具的抗粘屑和高温熔沾问题,从而实现寿命提升。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.25 0.730200450 X	M1.0	0.25	0.73	0.43	2.0	4.0	50	3
ISO T0.25 0.920240450 X	M1.2	0.25	0.92	0.62	2.4	4.0	50	3
ISO T0.3 1.050280450 X	M1.4	0.3	1.05	0.65	2.8	4.0	50	3
ISO T0.35 1.20320450 X	M1.6	0.35	1.2	0.78	3.2	4.0	50	3
ISO T0.35 1.40360450 X	M1.8	0.35	1.4	0.98	3.6	4.0	50	3
ISO T0.4 1.550400450 X	M2.0	0.4	1.55	1.05	4.0	4.0	50	3
ISO T0.45 1.70500450 X	M2.2	0.45	1.7	1.1	5.0	4.0	50	3
ISO T0.45 2.00500450 X	M2.5	0.45	2.0	1.45	5.0	4.0	50	3
ISO T0.5 2.40600450 X	M3.0	0.5	2.4	1.8	6.0	4.0	50	3
ISO T0.6 2.750800450 X	M3.5	0.6	2.75	2.0	8.0	4.0	50	3
ISO T0.7 3.150800450 X	M4.0	0.7	3.15	2.3	8.0	4.0	50	3
ISO T0.75 3.50900450 X	M4.5	0.75	3.5	2.55	9.0	4.0	50	3
ISO T0.8 4.0100450 X	M5.0	0.8	4.0	3.0	10	4.0	50	3
ISO T1.0 4.8120650 X	M6.0	1.0	4.8	3.6	12	6.0	50	3
ISO T1.0 6.0160650 X	M8.0	1.0	6.0	4.8	16	6.0	50	4
ISO T1.25 6.0160650 X	M8.0	1.25	6.0	4.5	16	6.0	50	4
ISO T1.0 8.0200860 X	M10	1.0	8.0	6.8	20	8.0	60	4
ISO T1.5 8.0200860 X	M10	1.5	8.0	6.2	20	8.0	60	4
ISO T1.0 10241075 X	M12	1.0	10	8.7	24	10	75	4
ISO T1.5 10241075 X	M12	1.5	10	8.1	24	10	75	4
ISO T1.75 10241075 X	M12	1.75	10	7.8	24	10	75	4
ISO T1.5 12281275 X	M14	1.5	12	10.1	28	12	75	4
ISO T2.0 10281075 X	M14	2.0	10	7.5	28	10	75	4
ISO T2.0 12321275 X	M16	2.0	12	9.5	32	12	75	4
ISO T1.5 143214100 X	M16	1.5	14	12.1	32	14	100	4
ISO T2.0 13.53214100 X	M16	2.0	13.5	11	32	14	100	4
ISO T1.5 164016100 X	M20	1.5	16	14.1	40	16	100	4
ISO T2.5 164016100 X	M20	2.5	16	12.6	40	16	100	6
ISO T3.0 164816100 X	M24	3.0	16	12	48	16	100	6

NOTE:

## 三排牙公制螺纹铣刀-钛合金/高温合金-三倍径 Three Teeth Metric Thread Mills-Titanium Alloy/High Temperature Alloy-3D

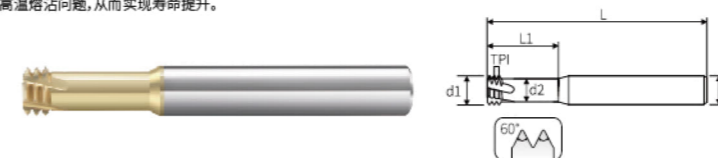
●合适加工小孔径螺纹和硬度比较高的工件、三扣牙刚性好、耐磨性高、螺纹尺寸更加稳定  
采用高温合金、钛合金专用涂层,提高了刀具的抗粘屑和高温熔沾问题,从而实现寿命提升。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.25 0.730300450 X	M1.0	0.25	0.73		3.0	4.0	50	3
ISO T0.25 0.920360450 X	M1.2	0.25	0.92		3.6	4.0	50	3
ISO T0.3 1.050420450 X	M1.4	0.3	1.05		4.2	4.0	50	3
ISO T0.35 1.20480450 X	M1.6	0.35	1.2		4.8	4.0	50	3
ISO T0.4 1.550600450 X	M2.0	0.4	1.55		6.0	4.0	50	3
ISO T0.45 2.00750450 X	M2.5	0.45	2.0		7.5	4.0	50	3
ISO T0.5 2.40900450 X	M3.0	0.5	2.4		9.0	4.0	50	3
ISO T0.7 3.15120450 X	M4.0	0.7	3.15		12	4.0	50	3
ISO T0.8 4.0150450 X	M5.0	0.8	4.0		15	4.0	50	3
ISO T1.0 4.8180650 X	M6.0	1.0	4.8		18	6.0	50	3
ISO T1.25 6.0240650 X	M8.0	1.25	6.0		24	6.0	50	4
ISO T1.5 8.0300860 X	M10	1.5	8.0		30	8.0	60	4
ISO T1.75 10361075 X	M12	1.75	10		36	10	75	4

## 三排牙公制螺纹铣刀-航空航天专用 Three Teeth Metric Thread Mills - Aerospace Special

●合适加工小孔径螺纹和硬度比较高的工件、三扣牙刚性好、耐磨性高、螺纹尺寸更加稳定  
采用高温合金、钛合金专用涂层,提高了刀具的抗粘屑和高温熔沾问题,从而实现寿命提升。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
MJ T0.4 1.550600450 X	MJ2.0	0.4	1.55	1.05	6.0	4.0	50	
MJ T0.45 2.00750450 X	MJ2.5	0.45	2.0	1.45	7.5	4.0	50	
MJ T0.5 2.40900450 X	MJ3.0	0.5	2.4	1.8	9.0	4.0	50	
MJ T0.7 3.15120450 X	MJ4.0	0.7	3.15	2.3	12	4.0	50	
MJ T0.8 4.0150450 X	MJ5.0	0.8	4.0	3.0	15	4.0	50	
MJ T1.0 4.8180650 X	MJ6.0	1.0	4.8	3.6	18	6.0	50	
MJ T1.25 6.0240650 X	MJ8.0	1.25	6.0	4.5	24	6.0	50	

NOTE:

## 三排牙公制螺纹铣刀-古铜色涂层 Three Tooth Metric Thread Mills - Bronze Coating

●合适加工小孔径螺纹和硬度比较高的工件,三扣牙钢性好,强度高,不容易断。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.25 0.730200450 R	M1.0	0.25	0.73	2.0	3.0	4.0	50	3
ISO T0.25 0.920240450 R	M1.2	0.25	0.92	2.4	3.6	4.0	50	3
ISO T0.3 1.050280450 R	M1.4	0.3	1.05	2.8	4.2	4.0	50	3
ISO T0.35 1.20320450 R	M1.6	0.35	1.2	3.2	4.8	4.0	50	3
ISO T0.4 1.550400450 R	M2.0	0.4	1.55	4.0	6.0	4.0	50	3
ISO T0.45 2.00500450 R	M2.5	0.45	2.0	5.0	7.5	4.0	50	3
ISO T0.5 2.40600450 R	M3.0	0.5	2.4	6.0	9.0	4.0	50	3
ISO T0.7 3.150800450 R	M4.0	0.7	3.15	8.0	12	4.0	50	3
ISO T0.8 4.0100450 R	M5.0	0.8	4.0	10	15	4.0	50	3
ISO T1.0 4.8120650 R	M6.0	1.0	4.8	12	18	6.0	50	3
ISO T1.25 6.0160650 R	M8.0	1.25	6.0	16	24	6.0	50	4
ISO T1.5 8.0200860 R	M10	1.5	8.0	20	30	8.0	60	4
ISO T1.75 10241075 R	M12	1.75	10	24	36	10	75	4
ISO T2.0 10281075 R	M14	2.0	10	10.1	28	10	75	4

## 三排牙公制螺纹铣刀-七彩铝用 Three Tooth Metric Thread Milling Cutter-Colorful Aluminum

●七彩DLC涂层具有最低的摩擦系数,对非铁金属具有高抗熔结性,抗腐蚀性,适合加工铜合金、铝合金、有色金属、亚克力等。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.25 0.730300450 DLC	M1.0	0.25	0.73	0.43	3.0	4.0	50	3
ISO T0.25 0.920360450 DLC	M1.2	0.25	0.92	0.62	3.6	4.0	50	3
ISO T0.3 1.050420450 DLC	M1.4	0.3	1.05	0.65	4.2	4.0	50	3
ISO T0.35 1.20480450 DLC	M1.6	0.35	1.2	0.78	4.8	4.0	50	3
ISO T0.4 1.550600450 DLC	M2.0	0.4	1.55	1.05	6.0	4.0	50	3
ISO T0.45 2.00750450 DLC	M2.5	0.45	2.0	1.45	7.5	4.0	50	3
ISO T0.5 2.40900450 DLC	M3.0	0.5	2.4	1.8	9.0	4.0	50	3
ISO T0.7 3.15120450 DLC	M4.0	0.7	3.15	2.3	12	4.0	50	3
ISO T0.8 4.0150450 DLC	M5.0	0.8	4.0	3.0	15	4.0	50	3
ISO T1.0 4.8180650 DLC	M6.0	1.0	4.8	3.6	18	6.0	50	3
ISO T1.25 6.0240650 DLC	M8.0	1.25	6.0	4.5	16	6.0	50	4
ISO T1.5 8.0300860 DLC	M10	1.5	8.0	6.2	30	8.0	60	4
ISO T1.75 10361075 DLC	M12	1.75	10	7.8	36	10	75	4
ISO T2.0 10371075 DLC	M14	2.0	10	7.5	28	10	75	4

## 三排牙加长公制螺纹铣刀 Three Tooth Extended Metric Thread Milling Cutter

●合适加工小孔径螺纹和硬度比较高的工件,三扣牙钢性好,强度高,不容易断。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO T0.35 1.203206100 A	M1.6	0.35	1.2	0.78	3.2	6.0	100	3
ISO T0.4 1.5504006100 A	M2.0	0.4	1.55	1.05	4.0	6.0	100	3
ISO T0.45 2.005006100 A	M2.5	0.45	2.0	1.45	5.0	6.0	100	3
ISO T0.5 2.400606100 A	M3.0	0.5	2.4	1.8	6.0	6.0	100	3
ISO T0.7 3.150806100 A	M4.0	0.7	3.15	2.3	8.0	6.0	100	3
ISO T0.8 4.051006100 A	M5.0	0.8	4.0	3.0	10	6.0	100	3
ISO T1.0 4.81206100 A	M6.0	1.0	4.8	3.6	12	6.0	100	3
ISO T1.25 6.01606100 A	M8.0	1.25	6.0	4.5	16	6.0	100	4
ISO T1.5 8.02008100 A	M10	1.5	8.0	6.2	20	8.0	100	4
ISO T1.75 102410100 A	M12	1.75	10	7.8	24	10	100	4
ISO T2.0 102810100 A	M14	2.0	10	7.5	28	10	100	4

## 三排牙美制螺纹铣刀 Three Tooth American Thread Milling Cutter-UN

●合适加工小孔径螺纹和硬度比较高的工件,三扣牙钢性好,强度高,不容易断。



UNF细螺纹							
产品编号Art No.	规格	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
UNF T72 1.450390450 A	NO.1-72	1.45	1.0	3.9	4.0	50	3
UNF T56 1.950530450 A	NO.3-56	1.95	1.4	5.3	4.0	50	3
UNF T48 2.250600450 A	NO.4-48	2.25	1.6	6.0	4.0	50	3
UNF T40 2.750720450 A	NO.6-40	2.75	1.9	7.2	4.0	50	3
UNF T36 3.30870450 A	NO.8-36	3.3	2.4	8.7	4.0	50	3
UNF T32 3.9100450 A	NO.10-32	3.9	2.9	10	4.0	50	3
UNF T28 5.3120650 A	1/4-28	5.3	4.2	12	6.0	50	3
UNF T20 9.5241075 A	7/16-20	9.5	7.9	24	10	75	4

UNC粗螺纹							
产品编号Art No.	规格	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
UNC T64 1.40400450 A	NO.1-64	1.4	0.9	4.0	4.0	50	3
UNC T56 1.650500450 A	NO.2-56	1.65	1.1	5.0	4.0	50	3
UNC T48 1.950500450 A	NO.3-48	1.95	1.3	5.0	4.0	50	3
UNC T40 2.150600450 A	NO.4-40	2.15	1.3	6.0	4.0	50	3
UNC T40 2.450720450 A	NO.5-40	2.45	1.6	7.2	4.0	50	3
UNC T32 2.650750450 A	NO.6-32	2.65	1.6	7.5	4.0	50	3
UNC T32 3.20900450 A	NO.8-32	3.2	2.2	9.0	4.0	50	3
UNC T24 3.7100450 A	NO.10-24	3.7	2.4	10	4.0	50	3
UNC T20 4.9120650 A	1/4-20	4.9	3.3	12	6.0	50	3
UNC T16 7.8200860 A	5/16-18	6.4	4.7	18	8.0	60	4
UNC T18 6.4180860 A	3/8-16	7.8	5.85	20	8.0	60	4
UNC T14 9.2241075 A	7/16-14	9.2	7.0	24	10	75	4
UNC T13 10241075 A	1/2-13	10	7.5	24	10	75	4

## 全齿公制螺纹铣刀 All Tooth Metric Thread Milling Cutter

●合适大批量同规格生产, 螺纹规格多, 使用方便, 2倍径以内深度的工件, 加工效率高。



产品编号 Art No.	规格						
	尺寸	螺距TPI	刃径d1	刃长L1	柄径D	总长L	刃数F
ISO F0.5 2.4060450 D	M3	0.5	2.4	6.0	4.0	50	4
ISO F0.7 3.15080450 D	M4	0.7	3.15	8.0	4.0	50	4
ISO F0.5 4.0100450 D	M5	0.5	4.0	10	4.0	50	3
ISO F0.75 4.0100450 D	M5	0.75	4.0	10	4.0	50	3
ISO F0.8 4.0100450 D	M5	0.8	4.0	10	4.0	50	4
ISO F0.75 4.8120660 D	M6	0.75	4.8	12	6.0	60	3
ISO F1.0 4.8120660 D	M6	1.0	4.8	12	6.0	60	4
ISO F0.5 6.0160660 D	M8	0.5	6.0	16	6.0	60	3
ISO F0.75 6.0160660 D	M8	0.75	6.0	16	6.0	60	3
ISO F1.0 6.0160660 D	M8	1.0	6.0	16	6.0	60	3
ISO F1.25 6.0160660 D	M8	1.25	6.0	16	6.0	60	4
ISO F1.0 8.0200860 D	M10	1.0	8.0	20	8.0	60	4
ISO F1.25 8.0200860 D	M10	1.25	8.0	20	8.0	60	4
ISO F1.5 8.0200860 D	M10	1.5	8.0	20	8.0	60	4
ISO F0.5 10241075 D	M12	0.5	10	24	10	75	4
ISO F0.75 10241075 D	M12	0.75	10	24	10	75	4
ISO F1.0 10241075 D	M12	1.0	10	24	10	75	4
ISO F1.25 10241075 D	M12	1.25	10	24	10	75	4
ISO F1.5 10241075 D	M12	1.5	10	24	10	75	4
ISO F1.75 10241075 D	M12	1.75	10	24	10	75	4
ISO F1.0 12281275 D	M14	1.0	12	28	12	75	4
ISO F1.5 12281275 D	M14	1.5	12	28	12	75	4
ISO F2.0 11.6281275 D	M14	2.0	11.6	28	12	75	4
ISO F1.5 143214100 D	M16	1.5	14	32	14	100	4
ISO F2.0 133214100 D	M16	2.0	13	32	14	100	4
ISO F2.5 14.83816100 D	M18	2.5	14.8	38	16	100	4
ISO F1.5 163816100 D	M20	1.5	16	38	16	100	4
ISO F2.5 164216100 D	M20	2.5	16	42	16	100	4
ISO F3.0 164216100 D	M24	3.0	16	42	16	100	4

NOTE:

## 全齿美制螺纹铣刀 Full Tooth American Thread Milling Cutter

●合适大批量同规格生产, 螺纹规格多, 使用方便, 2倍径以内深度的工件, 加工效率高。



产品编号 Art No.	规格								
	粗牙UNC	细牙UNF	特细牙UNEF	牙距TPI	刃径d1	刃长L1	柄径D	总长L	刃数F
UNF F32 3.9100450 D		10-32		32	3.9	10	6.0	50	4
UNEF F32 6.8180860 D			5/16-32 3/8-32	32	6.8	18	8.0	60	4
UNF F28 5.3120660 D		1/4-28	7/16-28 1/2-28	28	5.3	12	6.0	60	4
UNF F24 6.5180860 D		5/16-24	9/16-24 5/8-24	24	6.5	18	8.0	60	4
UNC F20 4.85120660 D	1/4-20	7/16-20 1/2-20	3/4-20 7/8-20 1"-20	20	4.85	12	6.0	60	4
UNF F20 9.5241075 D		7/16-20 1/2-20	3/4-20 7/8-20 1"-20	20	9.5	24	10	75	4
UNC F18 6.4180860 D	5/16-18	9/16-18 5/8-18		18	6.4	18	8.0	60	4
UNF F18 10241075 D		9/16-18 5/8-18		18	10	24	10	75	4
UNC F16 7.8210860 D	3/8-16	3/4-16		16	7.8	21	8.0	60	4
UNF F16 12281275 D		3/4-16		16	12	28	12	75	4
UNC F14 8.8241075 D	7/16-14	7/8-14		14	8.8	24	10	75	4
UNC F13 10241075 D	1/2-13			13	10	24	10	75	4
UNC F12 12281275 D	9/16-12	1"-12 1"-1/8-12 1"-1/4-12 1"-1/2-12 1"-3/8-12		12	12	28	12	75	4
UNC F11 12281275 D	5/8-11			11	12	28	12	75	4
UNC F10 163816100 D	3/4-10			10	16	38	16	100	4

## BSP(G) 55°英制直管螺纹铣刀 BSP(G) 55° Inch Pipe Thread Milling Cutter

●BSP(G)直管螺纹, 加工材料铝合金, 不锈钢, 钛合金效果很好, 效率。



产品编号 Art No.	规格						
	型号	螺距TPI	刃径d1	刃长L1	柄径D	总长L	刃数F
BSP F28 6.0140660 D	1/16	28	6.0	14	6.0	60	4
BSP F28 8.0140860 D	1/8	28	8.0	14	8.0	60	4
BSP F19 8.0180860 D	1/4	19	8.0	18	8.0	60	4
BSP F19 10201075 D	1/4	19	10	20	10	75	4
BSP F19 12251275 D	3/8	19	12	25	12	75	4
BSP F14 12201275 D	1/2	14	12	20	12	75	4
BSP F10 163016100 D	3/4	14	16	30	16	100	4
BSP F11 163216100 D	1"	11	16	32	16	100	4
BSP F11 204520100 D	1"	11	20	45	20	100	5

## BSPT(RC) 55°英制锥度密封管螺纹铣刀 BSPT(RC) 55° Inch Pipe Thread Milling Cutter

●BSPT(RC)锥度管螺纹,加工材料铝合金,不锈钢,钛合金效果很好,效率高。



产品编号 Art No.	规格						
	型号	螺距TPI	刃径d1	刃长L1	柄径D	总长L	刃数F
BSP F28 6.0140660 D	1/16	28	5.3	9.9	6.0	60	4
BSP F28 8.0140860 D	1/8	28	7.3	9.9	8.0	60	4
BSP F19 8.0180860 D	1/4	19	7.0	14	8.0	60	4
BSP F19 10201075 D	1/4	19	9.0	15	10	75	4
BSP F19 12251275 D	3/8	19	11.0	14	12	75	4
BSP F14 12201275 D	1/2	14	10.8	19	12	75	4
BSP F1.0 163016100 D	3/4	14	14.6	21	16	100	4
BSP F11 163216100 D	1"	11	14.3	27	16	100	4
BSP F11 204520100 D	1"	11	17.38	42	20	100	5

## NPT NPTF美制锥度螺纹铣刀 NPT NPTF American tapered thread milling cutter

●NPT一般密封螺纹, NPTF干密封螺纹,加工材料: 不锈钢,钛合金效果很好,效率高。



NPT-60°美制锥度管螺纹							
产品编号Art No.	型号	螺距TPI	刃径d1	刃长L1	柄径D	总长L	刃数F
NPT F27 5.4940660 D	1/16	27	5.4	9.4	6.0	60	4
NPT F27 7.4940860 D	1/8	27	7.4	9.4	8.0	60	4
NPT F18 7.11410860 D	1/4	18	7.1	14.1	8.0	60	4
NPT F18 9.11411075 D	1/4	18	9.1	14.1	10	75	4
NPT F18 11.11411275 D	3/8	18	11.1	14.1	12	75	4
NPT F14 10.81811275 D	1/2	14	10.8	18.1	12	75	4
NPT F14 14.818116100 D	3/4	14	14.8	18.1	16	100	4
NPT F11.5 14.62216100 D	1"	11.5	14.6	22	16	100	4
NPT F11.5 17.684520100 D	1"	11.5	17.38	42	20	100	5

NPTF-60°美制锥度密封管螺纹							
产品编号Art No.	型号	螺距TPI	刃径d1	刃长L1	柄径D	总长L	刃数F
NPT F27 5.4940660 D	1/16	27	5.4	9.4	6.0	60	4
NPT F27 7.4940860 D	1/8	27	7.4	9.4	8.0	60	4
NPT F18 7.11410860 D	1/4	18	7.1	14.1	8.0	60	4
NPT F18 9.11411075 D	1/4	18	9.1	14.1	10	75	4
NPT F18 11.11411275 D	3/8	18	11.1	14.1	12	75	4
NPT F14 10.81811275 D	1/2	14	10.8	18.1	12	75	4
NPT F14 14.818116100 D	3/4	14	14.8	18.1	16	100	4
NPT F11.5 14.62216100 D	1"	11.5	14.6	22	16	100	4
NPT F11.5 17.684520100 D	1"	11.5	17.38	42	20	100	5

## 公制超硬二排牙螺纹铣刀 Metric Super Hard Two-Row Thread Milling Cutter

●B第一排牙齿用来初加工,第二排牙齿精加工完成螺纹。刀具左旋设计,主轴需要反转左旋左切减少让刀增加切削力。合适加工48HRC以上淬火钢模具钢等高硬材料。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空直径d2	避空长L1	柄径D	总长L	刃数F
ISO H0.35 1.20320650 H	M1.6	0.35	1.2	0.78	3.2	6.0	50	3
ISO H0.4 1.550400650 H	M2.0	0.4	1.55	1.05	4.0	6.0	50	4
ISO H0.45 2.00500650 H	M2.5	0.45	2.0	1.45	5.0	6.0	50	4
ISO H0.5 2.40600650 H	M3.0	0.5	2.4	1.8	6.0	6.0	50	4
ISO H0.7 3.150800650 H	M4.0	0.7	3.15	2.3	8.0	6.0	50	4
ISO H0.8 4.05100650 H	M5.0	0.8	4.05	3.05	10	6.0	50	4
ISO H1.0 4.8120650 H	M6.0	1.0	4.8	3.6	12	6.0	50	5
ISO H1.25 6.5160860 H	M8.0	1.25	6.5	5.0	16	8.0	60	6
ISO H1.5 8.2201075 H	M10	1.5	8.2	6.4	20	10	75	6
ISO H1.75 9.6241075 H	M12	1.75	9.6	7.5	24	10	75	6

## 免打底孔铝用多功能螺纹铣刀 Tungsten Steel Free Bottom Hole Multi-Function Thread Milling Cutter

●不需要预钻孔,免打底孔螺纹铣刀可一次完成底孔、螺纹及倒角铣削加工  
搭配上七彩DLC涂层,在加工铜铝合金等有色金属时大大的提高效率,颠覆传统加工。



产品编号 Art No.	规格						
	尺寸	螺距P	刃径d1	避空长L1	柄径D	总长L	刃数F
ISO M0.35 1.150500450 DLC	M1.6	0.35	1.15	5.0	4.0	50	2
ISO M0.4 1.50650450 DLC	M2.0	0.4	1.5	6.5	4.0	50	2
ISO M0.45 1.90700450 DLC	M2.5	0.45	1.9	7.0	4.0	50	2
ISO M0.5 2.40900650 DLC	M3.0	0.5	2.4	9.0	6.0	50	3
ISO M0.7 3.2110650 DLC	M4.0	0.7	3.2	11	6.0	50	3
ISO M0.8 3.9120650 DLC	M5.0	0.8	3.9	12	6.0	50	3
ISO M1.0 4.7140650 DLC	M6.0	1.0	4.7	14	6.0	50	3
ISO M1.25 6.5180860 DLC	M8.0	1.25	6.5	18	8.0	60	4
ISO M1.5 7.8230860 DLC	M10	1.5	7.8	23	8.0	60	4
ISO M1.75 9.6261075 DLC	M12	1.75	9.6	26	10	75	4

NOTE:

## 免打底孔钢用多功能螺纹铣刀 Tungsten steel free bottom hole multi-function thread milling cutter For Steel

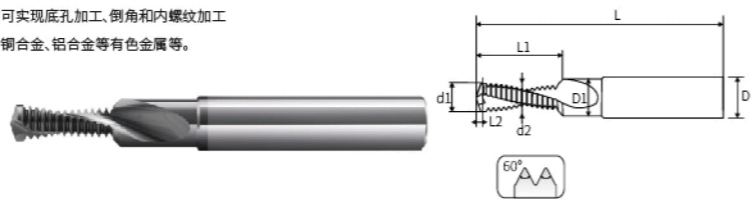
●不需要预钻孔，免打底孔螺纹铣刀可一次完成底孔、螺纹铣削加工采用高硬度涂层，在加工钢件时大大提高了刀具的切削力度和寿命，颠覆传统加工。



产品编号 Art No.	规格							
	尺寸	螺距P	刃径d1	避空长L1	柄径D	总长L	刃数F	内冷/外冷
IISO M0.5 2.40700650 A	M3.0	0.5	2.4	7.0	6.0	50	4	外冷
ISO M0.7 3.20900650 A	M4.0	0.7	3.2	9.0	6.0	50	4	外冷
ISO M0.8 3.9120650 A	M5.0	0.8	3.9	12	6.0	50	4	外冷
ISO M1.0 4.7140650 A	M6.0	1.0	4.7	14	6.0	50	4	外冷
ISO M1.25 6.2180860 A	M8.0	1.25	6.2	18	8.0	60	4	内冷
ISO M1.5 7.5230860 A	M10	1.5	7.5	23	8.0	60	4	内冷
ISO M1.75 9.0261075 A	M12	1.75	9.0	26	10	75	4	内冷

## 三合一钻铣螺纹铣刀 Tungsten Steel Drilling And Milling Thread Milling Cutter

●适合大批量同规格生产，三合一钻铣螺纹铣刀一把刀可实现底孔加工、倒角和内螺纹加工可以更换刀具，减少非加工时间，提高生产效率。适合铜合金、铝合金等有色金属等。

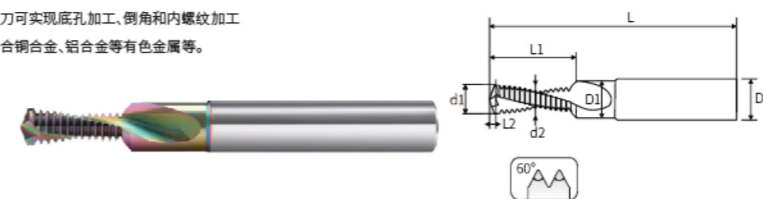


产品编号 Art No.	规格								
	型号	螺纹外径d2	钻头径d1	刃长L1	钻头长L2	颈径D1	柄径D	总长L	刃数F
ISO DR1.0 5.0120860 A	M6*1.0	4.8	5.0	12	1.0	7.0	8.0	60	2
ISO DR1.25 6.0151075 A	M8*1.25	6.5	6.8	15	1.3	9.0	10	75	2
ISO DR1.5 8.5201275 A	M10*1.5	8.2	8.5	20	1.5	11	12	75	2
ISO DR1.75 10.32414100 A	M12*1.75	9.9	10.3	24	1.8	13.5	14	75	2

NOTE:

## 七彩三合一钻铣螺纹铣刀 Tungsten Steel Drilling And Milling Thread Milling Cutter

●适合大批量同规格生产，三合一钻铣螺纹铣刀一把刀可实现底孔加工、倒角和内螺纹加工可以更换刀具，减少非加工时间，提高生产效率。适合铜合金、铝合金等有色金属等。



产品编号 Art No.	规格								
	型号	螺纹外径d2	钻头径d1	刃长L1	钻头长L2	颈径D1	柄径D	总长L	刃数F
ISO DR1.0 5.0120860 DLC	M6*1.0	4.8	5.0	12	1.0	7.0	8.0	60	2
ISO DR1.25 6.0151075 DLC	M8*1.25	6.5	6.8	15	1.3	9.0	10	75	2
ISO DR1.5 8.5201275 DLC	M10*1.5	8.2	8.5	20	1.5	11	12	75	2
ISO DR1.75 10.32414100 DLC	M12*1.75	9.9	10.3	24	1.8	13.5	14	75	2

## 钨钢锥度医疗骨板螺纹铣刀 Tungsten Steel Taper Medical Bone Plate Thread Milling Cutter

●针对钛合金骨板材料专用加工螺纹铣刀，光洁度高，排屑顺畅，尺寸稳定，耐磨持久特有的锥度螺旋槽，使刀具更耐用。



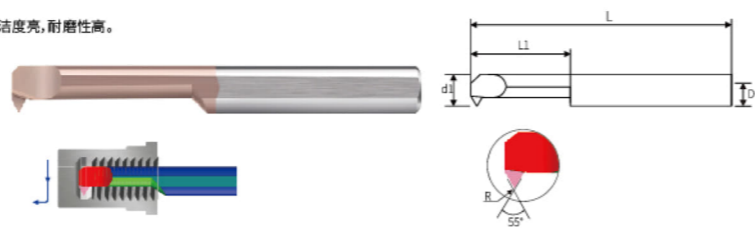
公制60°锥度螺纹铣刀							
产品编号Art No.	牙距P	牙型角	刃径d1	角度°	刃长L1	柄径D	总长L
ISO TA0.3 1.9060660 A	0.3	60°	1.9	20°	6.0	6.0	60
ISO TA0.4 2.3100660 A	0.4	60°	2.3	20°	10	6.0	60
ISO TA0.5 2.9090660 A	0.5	60°	2.9	20°	9.0	6.0	60
ISO TA0.6 3.0140860 A	0.6	60°	3.0	20°	14	8.0	60

英制55°锥度螺纹铣刀							
产品编号Art No.	牙距P	牙型角	刃径d1	角度°	刃长L1	柄径D	总长L
W TA0.3 1.9060660 A	0.3	55°	1.9	20°	6.0	6.0	60
W TA0.4 2.3100660 A	0.4	55°	2.3	20°	10	6.0	60
W TA0.5 2.9090660 A	0.5	55°	2.9	20°	9.0	6.0	60
W TA0.6 3.0140860 A	0.6	55°	3.0	20°	14	8.0	60

NOTE:

### NIR(55°)钨钢英制小孔螺纹车刀(正手/右手) NIR(55°) Tungsten Steel Small Hole Turning Tool(Forehand/Right)

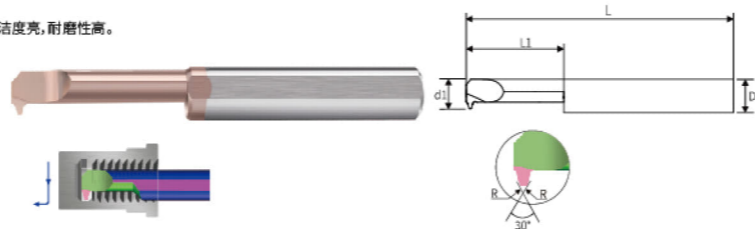
●全磨制一次成型,精准圆弧,抛光钝化,定位面准,光洁度亮,耐磨性高。



产品编号 Art No.	规格						
	型号	刃径d1	R	角度°	避空长L1	柄径D	总长L
NIR29R005L100450A55	MIR3.0	2.9	0.05	55°	10	4.0	50
NIR39R005L120450A55	MIR4.0	3.9	0.05	55°	12	4.0	50
NIR39R010L120450A55	MIR4.0	3.9	0.1	55°	12	4.0	50
NIR49R005L150550A55	MIR5.0	4.9	0.05	55°	15	5.0	50
NIR49R010L150550A55	MIR5.0	4.9	0.1	55°	15	5.0	50
NIR59R005L220650A55	MIR6.0	5.9	0.05	55°	22	6.0	50
NIR59R010L220650A55	MIR6.0	5.9	0.1	55°	22	6.0	50
NIR79R010L220860A55	MIR8.0	7.9	0.1	55°	22	8.0	60

### NIR(TR)钨钢梯形螺纹车刀(正手/右手) NIR(TR) Mini Turning Tool(Forehand/Right)

●全磨制一次成型,精准圆弧,抛光钝化,定位面准,光洁度亮,耐磨性高。

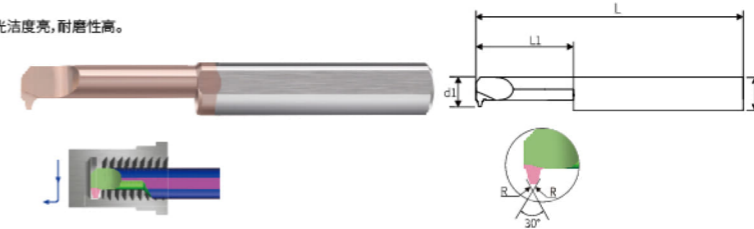


产品编号 Art No.	规格						
	型号	刃径d1	角度°	避空长L1	柄径D	总长L	
NIR56P15L200650 A30	NIR 6D 20L 1.5 TR	5.6	30°	20	6.0	50	
NIR64P20L250860 A30	NIR 8D 25L 2.0 TR	6.4	30°	25	8.0	60	
NIR68P30L350875 A30	NIR 8D 35L 3.0 TR	6.8	30°	35	8.0	75	
NIR96P20L351075 A30	NIR 10D 35L 2.0 TR	9.6	30°	35	10	75	
NIR99P40L4510100 A30	NIR 10D 45L 4.0 TR	9.9	30°	45	10	100	
NIR119P50L5012100 A30	NIR 12D 50L 5.0 TR	11.9	30°	50	12	100	

NOTE:

### NIR(ACME)钨钢梯形螺纹车刀(正手/右手) NIR(TR) Mini Turning Tool(Forehand/Right)

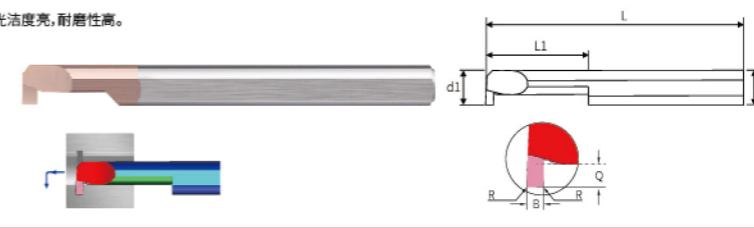
●全磨制一次成型,精准圆弧,抛光钝化,定位面准,光洁度亮,耐磨性高。



产品编号 Art No.	规格					
	型号	刃径d1	角度°	避空长L1	柄径D	总长L
NIR39P16L150450 A29	NIR 4D 15L 16 ACME	3.9	29°	15	4.0	50
NIR56P14L200650 A29	NIR 6D 20L 14 ACME	5.6	29°	20	6.0	50
NIR66P12L250860 A29	NIR 8D 25L 12 ACME	6.6	29°	25	8.0	60
NIR79P10L300875 A29	NIR 8D 30L 10 ACME	7.9	29°	30	8.0	75
NIR99P8L351075 A29	NIR 10D 35L 8 ACME	9.9	29°	35	10	75
NIR99P6L4510100 A29	NIR 10D 45L 6 ACME	9.9	29°	45	10	100
NIR119P5L5012100 A29	NIR 12D 50L 5 ACME	11.9	29°	50	12	100

### NGR钨钢小孔槽刀 NGR Tungsten Steel Small Hole Groove Tool

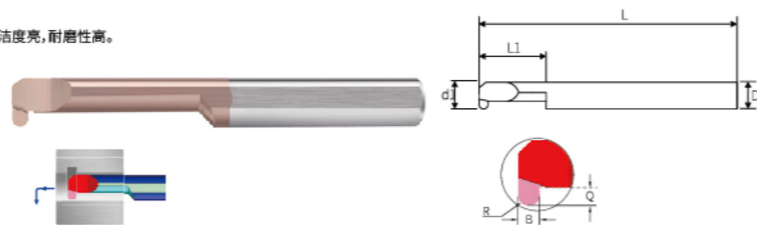
●全磨制一次成型,精准圆弧,抛光钝化,定位面准,光洁度亮,耐磨性高。



产品编号 Art No.	规格						
	型号	刃径d1	宽度B	深度Q	避空长L1	柄径D	总长L
NGR29B050L100450	NGR3.0	2.9	0.5	0.8	10	4.0	50
NGR29B075L100450	NGR3.0	2.9	0.75	0.8	10	4.0	50
NGR29B100L100450	NGR3.0	2.9	1.0	0.8	10	4.0	50
NGR29B150L100450	NGR3.0	2.9	1.5	0.8	10	4.0	50
NGR39B050L100450	NGR4.0	3.9	0.5	1.0	10	4.0	50
NGR39B080L100450	NGR4.0	3.9	0.8	1.0	10	4.0	50
NGR39B100L100450	NGR4.0	3.9	1.0	1.0	10	4.0	50
NGR39B150L100450	NGR4.0	3.9	1.5	1.0	10	4.0	50
NGR49B100L100550	NGR5.0	4.9	1.0	1.5	10	5.0	50
NGR49B120L100550	NGR5.0	4.9	1.2	1.5	10	5.0	50
NGR49B150L100550	NGR5.0	4.9	1.5	1.5	10	5.0	50
NGR49B200L100550	NGR5.0	4.9	2.0	2.0	10	5.0	50
NGR59B100L150650	NGR6.0	5.9	1.0	2.0	15	6.0	50
NGR59B150L150650	NGR6.0	5.9	1.5	2.0	15	6.0	50
NGR59B200L150650	NGR6.0	5.9	2.0	2.5	15	6.0	50
NGR59B250L150650	NGR6.0	5.9	2.5	2.5	15	6.0	50
NGR79B150L200860	NGR8.0	7.9	1.5	2.0	20	8.0	60
NGR79B200L200860	NGR8.0	7.9	2.0	2.5	20	8.0	60
NGR79B250L200860	NGR8.0	7.9	2.5	3.0	20	8.0	60
NGR79B300L200860	NGR8.0	7.9	3.0	3.0	20	8.0	60

## NKR钨钢小孔圆弧槽刀 NKR Tungsten Steel Small Hole Arc Groove Tool

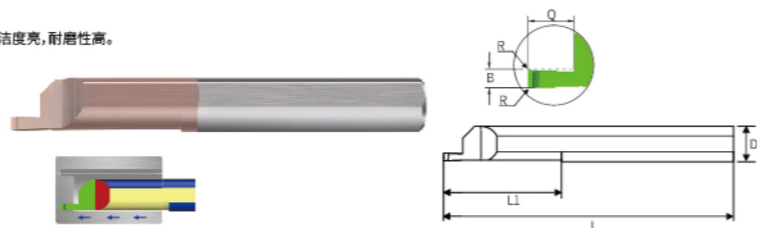
●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格							
	型号	刃径d1	R	宽度B	深度Q	避空长L1	柄径D	总长L
NKR39R050L100450	NKR4.0	3.9	0.5	1.0	1.0	10	4.0	50
NKR39R050L150450	NKR4.0	3.9	0.5	1.0	1.0	15	4.0	50
NKR39R075L100450	NKR4.0	3.9	0.75	1.5	1.0	10	4.0	50
NKR39R075L150450	NKR4.0	3.9	0.75	1.5	1.0	15	4.0	50
NKR49R050L150550	NKR5.0	4.9	0.5	1.0	1.2	15	5.0	50
NKR49R050L220550	NKR5.0	4.9	0.5	1.0	1.2	22	5.0	50
NKR49R075L150550	NKR5.0	4.9	0.75	1.5	1.2	15	5.0	50
NKR49R075L220550	NKR5.0	4.9	0.75	1.5	1.2	22	5.0	50
NKR49R100L150550	NKR5.0	4.9	1.0	2.0	1.3	15	5.0	50
NKR49R100L220550	NKR5.0	4.9	1.0	2.0	1.3	22	5.0	50
NKR59R050L150650	NKR6.0	5.9	0.5	1.0	1.6	15	6.0	50
NKR59R050L220650	NKR6.0	5.9	0.5	1.0	1.6	22	6.0	50
NKR59R075L150650	NKR6.0	5.9	0.75	1.5	1.6	15	6.0	50
NKR59R075L220650	NKR6.0	5.9	0.75	1.5	1.6	22	6.0	50
NKR59R100L150650	NKR6.0	5.9	1.0	2.0	1.6	15	6.0	50
NKR59R100L220650	NKR6.0	5.9	1.0	2.0	1.6	22	6.0	50
NKR79R050L220860	NKR8.0	7.9	0.5	1.0	2.0	22	8.0	60
NKR79R075L220860	NKR8.0	7.9	0.75	1.5	2.0	22	8.0	60
NKR79R100L220860	NKR8.0	7.9	1.0	2.0	2.0	22	8.0	60

## NFR钨钢端面槽刀(正手/右手) NFR Tungsten Steel Face Groove Tool(Forehand/Right)

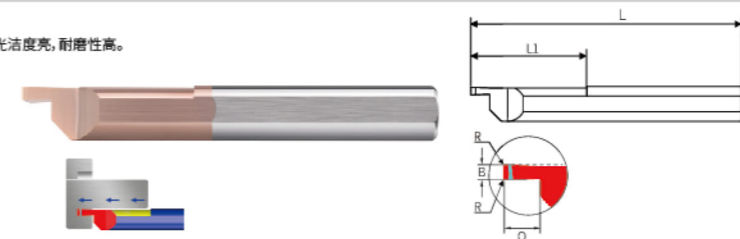
●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格					
	型号	宽度B	深度Q	避空长L1	柄径D	总长L
NFR40B050L1550	NFR4.0	0.5	1.0	15	4.0	50
NFR40B075L1550	NFR4.0	0.75	1.2	15	4.0	50
NFR40B100L1550	NFR4.0	1.0	1.5	15	4.0	50
NFR50B100L2250	NFR5.0	1.0	2.0	22	5.0	50
NFR50B150L2250	NFR5.0	1.5	2.5	22	5.0	50
NFR50B200L2250	NFR5.0	2.0	3.0	22	5.0	50
NFR60B050L2050	NFR6.0	0.5	1.0	20	6.0	50
NFR60B100L2050	NFR6.0	1.0	2.0	20	6.0	50
NFR60B150L2050	NFR6.0	1.5	3.0	20	6.0	50
NFR60B200L2050	NFR6.0	2.0	4.0	20	6.0	50
NFR80B100L2560	NFR8.0	1.0	2.0	25	8.0	60
NFR80B150L2560	NFR8.0	1.5	3.0	25	8.0	60
NFR80B200L2560	NFR8.0	2.0	4.0	25	8.0	60

## NFL钨钢端面槽刀(反手/左手) NFL Tungsten Steel Face Groove Tool(Backhand/Left Hand)

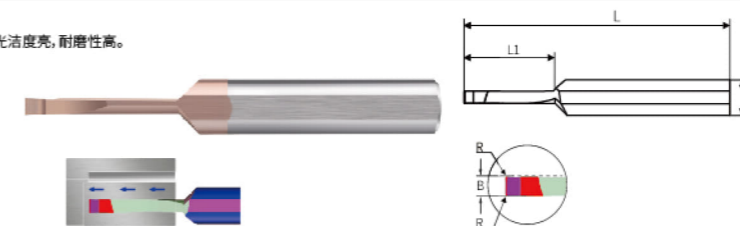
●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格					
	型号	宽度B	深度Q	避空长L1	柄径D	总长L
NFL40B050L1550	NFL4.0	0.5	1.0	15	4.0	50
NFL40B075L1550	NFL4.0	0.75	1.2	15	4.0	50
NFL40B100L1550	NFL4.0	1.0	1.5	15	4.0	50
NFL50B100L2250	NFL5.0	1.0	2.0	22	5.0	50
NFL50B150L2250	NFL5.0	1.5	2.5	22	5.0	50
NFL50B200L2250	NFL5.0	2.0	3.0	22	5.0	50
NFL60B050L2050	NFL6.0	0.5	1.0	20	6.0	50
NFL60B100L2050	NFL6.0	1.0	2.0	20	6.0	50
NFL60B150L2050	NFL6.0	1.5	3.0	20	6.0	50
NFL60B200L2050	NFL6.0	2.0	4.0	20	6.0	50
NFL80B100L2560	NFL8.0	1.0	2.0	25	8.0	60
NFL80B150L2560	NFL8.0	1.5	3.0	25	8.0	60
NFL80B200L2560	NFL8.0	2.0	4.0	25	8.0	60

## NVR钨钢深槽端面槽刀 NVR Tungsten Steel Deep Groove End Face Groove Tool

●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。

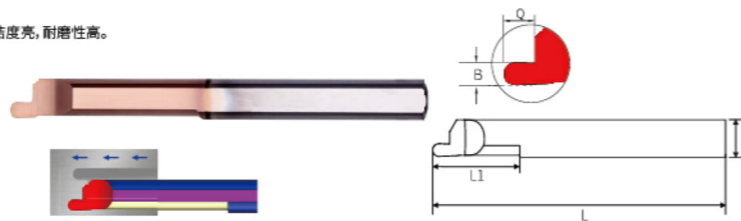


产品编号 Art No.	规格				
	型号	宽度B	避空长L1	柄径D	总长L
NVR60B200L1050	NVR6.0	2.0	10	6.0	50
NVR60B250L1050	NVR6.0	2.5	10	6.0	50
NVR60B200L1550	NVR6.0	2.0	15	6.0	50
NVR60B250L1550	NVR6.0	2.5	15	6.0	50
NVR80B250L2260	NVR8.0	2.5	22	8.0	60
NVR80B300L2260	NVR8.0	3.0	22	8.0	60
NVR80B400L2260	NVR8.0	4.0	22	8.0	60

NOTE:

## NZR钨钢圆弧端面槽刀(正手/右手) NZR Tungsten Steel Arc End Face Groove Tool(Forehand/Right)

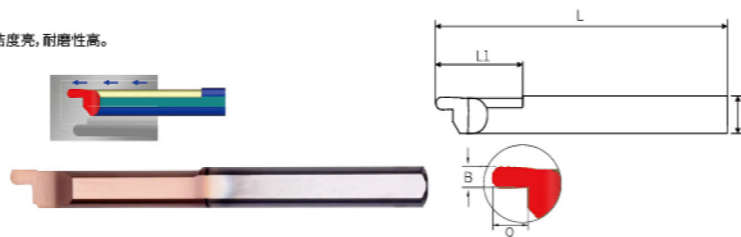
●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格						
	型号	R	宽度B	深度Q	避空长L1	柄径D	总长L
NZR40B050L15R05050	NZR4.0	0.5	1.0	1.2	15	4.0	50
NZR40B075L15R05050	NZR4.0	0.75	1.5	1.5	15	4.0	50
NZR50B050L22R05050	NZR5.0	0.5	1.0	1.2	22	5.0	50
NZR50B075L22R05050	NZR5.0	0.75	1.5	1.5	22	5.0	50
NZR50B100L22R10050	NZR5.0	1.0	2.0	2.5	22	5.0	50
NZR60B050L22R05050	NZR6.0	0.5	1.0	1.2	22	6.0	50
NZR60B075L22R07550	NZR6.0	0.75	1.5	1.5	22	6.0	50
NZR60B100L22R10050	NZR6.0	1.0	2.0	2.5	22	6.0	50

## NZL钨钢圆弧端面槽刀(反手/左手) NZL Tungsten Steel Arc End Face Groove Tool(Backhand/Left Hand)

●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。

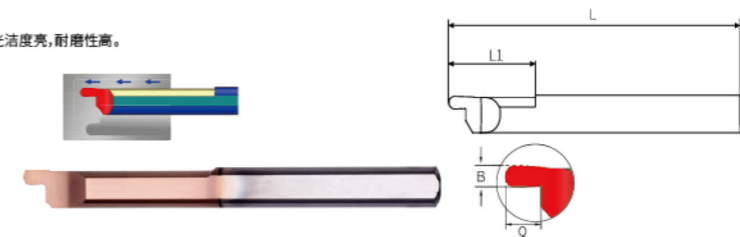


产品编号 Art No.	规格						
	型号	R	宽度B	深度Q	避空长L1	柄径D	总长L
NZR40B050L15R05050	NZR4.0	0.5	1.0	1.2	15	4.0	50
NZR40B075L15R05050	NZR4.0	0.75	1.5	1.5	15	4.0	50
NZR50B050L22R05050	NZR5.0	0.5	1.0	1.2	22	5.0	50
NZR50B075L22R05050	NZR5.0	0.75	1.5	1.5	22	5.0	50
NZR50B100L22R10050	NZR5.0	1.0	2.0	2.5	22	5.0	50
NZR60B050L22R05050	NZR6.0	0.5	1.0	1.2	22	6.0	50
NZR60B075L22R07550	NZR6.0	0.75	1.5	1.5	22	6.0	50
NZR60B100L22R10050	NZR6.0	1.0	2.0	2.5	22	6.0	50

NOTE:

## NPR钨钢小孔仿形镗刀-1 NPR Tungsten Steel Mini Copy Boring Tool-1

●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格						
	型号	刃径d1	R	切深Q	避空长L1	柄径D	总长L
NPR08R005L030450	NPR0.9	0.8	0.05	0.12	3.0	4.0	50
NPR10R005L030450	NPR1.1	1.0	0.05	0.15	3.0	4.0	50
NPR12R005L0450450	NPR1.3	1.2	0.05	0.15	4.5	4.0	50
NPR14R005L050450	NPR1.5	1.4	0.05	0.2	5.0	4.0	50
NPR16R005L060450	NPR1.7	1.6	0.05	0.3	6.0	4.0	50
NPR18R005L070450	NPR1.9	1.8	0.05	0.3	7.0	4.0	50
NPR19R005L080450	NPR2.0	1.9	0.05	0.4	8.0	4.0	50
NPR19R010L080450	NPR2.0	1.9	0.1	0.4	8.0	4.0	50
NPR24R005L100450	NPR2.5	2.4	0.05	0.5	10	4.0	50
NPR24R010L100450	NPR2.5	2.4	0.1	0.5	10	4.0	50
NPR29R005L080450	NPR3.0	2.9	0.05	0.6	8.0	4.0	50
NPR29R010L080450	NPR3.0	2.9	0.1	0.6	8.0	4.0	50
NPR29R015L080450	NPR3.0	2.9	0.15	0.6	8.0	4.0	50
NPR29R005L120450	NPR3.0	2.9	0.05	0.6	12	4.0	50
NPR29R010L120450	NPR3.0	2.9	0.1	0.6	12	4.0	50
NPR29R015L120450	NPR3.0	2.9	0.15	0.6	12	4.0	50
NPR39R005L100450	NPR4.0	3.9	0.05	0.8	10	4.0	50
NPR39R010L100450	NPR4.0	3.9	0.1	0.8	10	4.0	50
NPR39R015L100450	NPR4.0	3.9	0.15	0.8	10	4.0	50
NPR39R005L150450	NPR4.0	3.9	0.05	0.8	15	4.0	50
NPR39R010L150450	NPR4.0	3.9	0.1	0.8	15	4.0	50
NPR39R015L150450	NPR4.0	3.9	0.15	0.8	15	4.0	50
NPR49R005L150550	NPR5.0	4.9	0.05	1.0	15	5.0	50
NPR49R010L150550	NPR5.0	4.9	0.1	1.0	15	5.0	50
NPR49R020L150550	NPR5.0	4.9	0.2	1.0	15	5.0	50
NPR49R005L220550	NPR5.0	4.9	0.05	1.0	22	5.0	50
NPR49R010L220550	NPR5.0	4.9	0.1	1.0	22	5.0	50
NPR49R020L220550	NPR5.0	4.9	0.2	1.0	22	5.0	50
NPR59R005L150650	NPR6.0	5.9	0.05	1.2	15	6.0	50
NPR59R010L150650	NPR6.0	5.9	0.1	1.2	15	6.0	50
NPR59R020L150650	NPR6.0	5.9	0.2	1.2	15	6.0	50
NPR59R005L220650	NPR6.0	5.9	0.05	1.2	22	6.0	50

NOTE:

## NPR钨钢小孔仿形镗刀-2 NPR Tungsten Steel Mini Copy Boring Tool-2

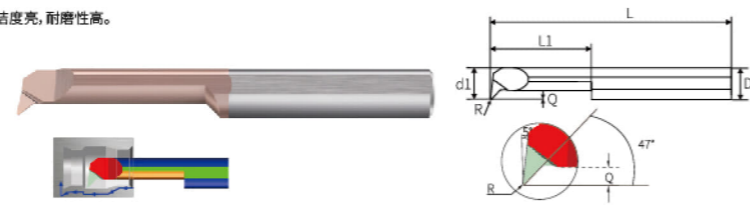
●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格						
	型号	刃径d1	R	切深Q	避空长L1	柄径D	总长L
NPR59R010L220650	NPR6.0	5.9	0.1	1.2	22	6.0	50
NPR59R020L220650	NPR6.0	5.9	0.2	1.2	22	6.0	50
NPR69R010L220860	NPR7.0	6.9	0.1	1.5	22	8.0	60
NPR69R020L220860	NPR7.0	6.9	0.2	1.5	22	8.0	60
NPR69R010L300860	NPR7.0	6.9	0.1	1.5	30	8.0	60
NPR69R020L300860	NPR7.0	6.9	0.2	1.5	30	8.0	60
NPR79R010L220860	NPR8.0	7.9	0.1	1.8	22	8.0	60
NPR79R020L220860	NPR8.0	7.9	0.2	1.8	22	8.0	60
NPR79R010L300860	NPR8.0	7.9	0.1	1.8	30	8.0	60
NPR79R020L300860	NPR8.0	7.9	0.2	1.8	30	8.0	60

## NQR钨钢小孔仿形镗刀 NQR Tungsten Steel Mini Copy Boring Tool

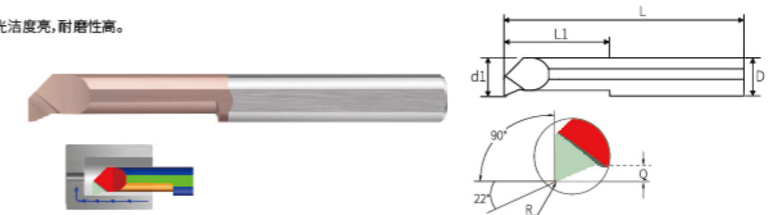
●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格						
	型号	刃径d1	R	切深Q	避空长L1	柄径D	总长L
NQR29R005L090450	NQR3.0	2.9	0.05	0.7	9	4.0	50
NQR29R010L090450	NQR3.0	2.9	0.1	0.7	9	4.0	50
NQR29R015L090450	NQR3.0	2.9	0.15	0.7	9	4.0	50
NQR39R005L100450	NQR4.0	3.9	0.05	1.0	10	4.0	50
NQR39R010L100450	NQR4.0	3.9	0.1	1.0	10	4.0	50
NQR39R020L100450	NQR4.0	3.9	0.2	1.0	10	4.0	50
NQR39R020L150450	NQR4.0	3.9	0.2	1.0	15	4.0	50
NQR49R005L150550	NQR5.0	4.9	0.05	1.2	15	5.0	50
NQR49R010L150550	NQR5.0	4.9	0.1	1.2	15	5.0	50
NQR49R020L150550	NQR5.0	4.9	0.2	1.2	15	5.0	50
NQR49R020L200550	NQR5.0	4.9	0.2	1.2	20	5.0	50
NQR59R005L150650	NQR6.0	5.9	0.05	1.6	15	6.0	50
NQR59R010L150650	NQR6.0	5.9	0.1	1.6	15	6.0	50
NQR59R020L150650	NQR6.0	5.9	0.2	1.6	15	6.0	50
NQR59R020L220650	NQR6.0	5.9	0.2	1.6	22	6.0	50
NQR79R010L250860	NQR8.0	7.9	0.1	2.1	25	8.0	60
NQR79R020L250860	NQR8.0	7.9	0.2	2.1	25	8.0	60

## NUR钨钢90°小孔仿形镗刀 NUR Tungsten Steel 90° Mini Copy Boring Tool

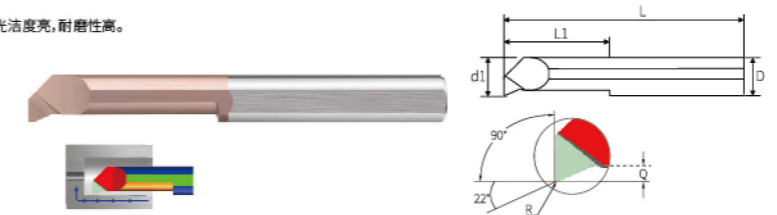
●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。



产品编号 Art No.	规格						
	型号	刃径d1	R	切深Q	避空长L1	柄径D	总长L
NUR28R010L100450	NUR3.0	2.8	0.1	0.5	10	4.0	50
NUR28R010L150450	NUR3.0	2.8	0.1	0.5	15	4.0	50
NUR39R010L100450	NUR4.0	3.9	0.1	0.6	10	4.0	50
NUR39R010L150450	NUR4.0	3.9	0.1	0.6	15	4.0	50
NUR49R015L150550	NUR5.0	4.9	0.15	0.8	15	5.0	50
NUR49R015L220550	NUR5.0	4.9	0.15	0.8	22	5.0	50
NUR59R020L150650	NUR6.0	5.9	0.2	1.0	15	6.0	50
NUR59R020L220650	NUR6.0	5.9	0.2	1.0	22	6.0	50
NUR79R020L150860	NUR8.0	7.9	0.2	1.2	22	8.0	60

## NXR钨钢小孔反向镗刀 NXR Tungsten Steel Mini Reverse Boring Tool

●全磨制一次成型, 精准圆弧, 抛光钝化, 定位面准, 光洁度亮, 耐磨性高。

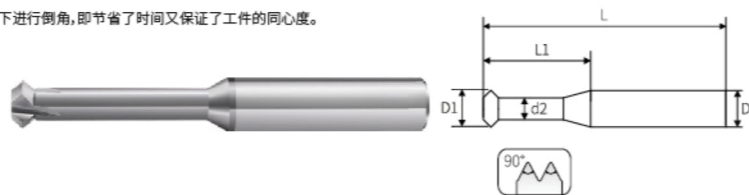


产品编号 Art No.	规格							
	型号	刃径d1	R	宽度B	深度Q	避空长L1	柄径D	总长L
NXR28R010L100450	NXR3.0	2.8	0.1	1.3	0.5	10	4.0	50
NXR39R015L100450	NXR4.0	3.9	0.15	1.3	0.8	10	4.0	50
NXR39R015L150450	NXR4.0	3.9	0.15	1.3	0.8	15	4.0	50
NXR49R020L150550	NXR5.0	4.9	0.2	1.5	1.0	15	5.0	50
NXR49R020L220550	NXR5.0	4.9	0.2	1.5	1.0	22	5.0	50
NXR59R020L150650	NXR6.0	5.9	0.2	1.5	1.8	15	6.0	50
NXR59R020L220650	NXR6.0	5.9	0.2	1.5	1.8	22	6.0	50

NOTE:

## 钨钢上下倒角刀 Tungsten Steel Upper And Lower Chamfering Cutter

●适合加工工件需要反面倒角的,可以在不翻面的情况下进行倒角,即节省了时间又保证了工件的同圆心度。



产品编号 Art No.	规格						
	刃径d1	倒角角度	避空长直径d2	避空长L1	柄径D	总长L	刃数F
UL C90 1.96080450 A	1.96	90°	1.0	8	4.0	50	3
UL C90 2.4100450 A	2.4	90°	1.4	10	4.0	50	3
UL C90 3.0150450 A	3.0	90°	1.8	15	4.0	50	3
UL C90 4.0160450 A	4.0	90°	2.4	16	4.0	50	3
UL C90 4.5200650 A	4.5	90°	2.3	20	6.0	50	4
UL C90 5.0200650 A	5.0	90°	2.8	20	6.0	50	4
UL C90 6.0250650 A	6.0	90°	3.0	24	6.0	50	4
UL C90 8.0280860 A	8.0	90°	4.8	28	8.0	60	4
UL C90 10351075 A	10	90°	6.4	35	10	75	4
UL C90 125012100 A	12	90°	7.0	50	12	100	4

## 钨钢锥度螺纹立铣刀 Tungsten Steel Taper End Mill

●配合美制英制锥管螺纹,加工锥度螺纹底孔,使螺纹精度更高。



产品编号 Art No.	规格				
	刃径d1	避空长L1	柄径D	总长L	刃数F
NPT 1/16"-1/8" NPTF 1/16"-1/8" BSPT 1/16"-1/8"	5.2	12	6	50	4
NPT 1/4"-1" NPTF 1/4"-1" BSPT 1/4"-1"	8.5	24	10	75	4
NPT 1/4"-3" NPTF 1/4"-3" BSPT 1/4"-3"	10	32	12	75	4

NOTE:

## 螺纹铣刀钻孔对照表 Comparison Table For Drill Hole Diameter Of Thread Milling Cutter

公制细螺纹				公制粗螺纹				美制细螺纹			
规格	标准径	2级牙钻孔径		规格	标准径	2级牙钻孔径		规格(UNF)	标准径	2级牙钻孔径	
		最大	最小			最大	最小			最大	最小
M1.0×0.2	0.8	0.821	0.783	M1.0×0.25	0.75	0.785	0.729	NO 0-80(1.524)	1.25	1.305	1.182
M1.1×0.2	0.9	0.921	0.883	M1.1×0.25	0.85	0.885	0.829	NO 1-72(1.854)	1.55	1.612	1.474
M1.2×0.2	1	1.021	0.983	M1.2×0.25	0.95	0.985	0.985	NO 2-64(2.84)	1.85	1.912	1.756
M1.4×0.2	1.2	1.221	1.183	M1.4×0.3	1.1	1.142	1.075	NO 3-56(2.515)	2.10	2.197	2.025
M1.6×0.2	1.4	1.421	1.383	M1.6×0.35	1.25	1.321	1.221	NO 4-48(2.845)	2.40	2.458	2.271
M1.7×0.2	1.45	1.5	1.46	M1.7×0.35	1.35	1.421	1.321	NO 5-44(3.175)	2.70	2.740	2.551
M1.8×0.2	1.6	1.621	1.583	M1.8×0.35	1.45	1.521	1.421	NO 6-40(3.505)	2.90	3.022	2.820
M2.0×0.25	1.75	1.785	1.729	M2.0×0.4	1.6	1.679	1.567	NO 8-36(4.166)	3.50	3.606	3.404
M2.2×0.25	1.95	1.985	1.929	M2.2×0.45	1.75	1.838	1.713	NO 10-32(4.826)	4.10	4.165	3.963
M2.3×0.25	2.05	2.061	2.001	M2.3×0.4	1.9	1.979	1.867	NO 12-28(5.846)	4.60	4.724	4.496
M2.5×0.35	2.2	2.221	2.121	M2.5×0.45	2.1	2.138	2.013	1/4-28	5.50	5.588	5.360
M2.6×0.35	2.2	2.246	2.186	M2.6×0.45	2.2	2.238	2.113	5/16-24	6.90	7.035	6.782
M3.0×0.35	2.7	2.721	2.621	M3.0×0.5	2.5	2.599	2.459	3/8-24	8.50	8.636	8.382
M3.5×0.35	3.2	3.221	3.121	M3.0×0.6	2.4	2.44	2.28	7/16-20	9.90	10.033	9.729
M4.0×0.5	3.5	3.599	3.459	M3.5×0.6	2.9	3.01	2.85	1/2-20	11.50	11.607	11.329
M4.5×0.5	4	4.099	3.959	M4.0×0.7	3.3	3.422	3.242	9/16-18	12.90	13.081	12.751
M5.0×0.5	5	5.099	4.959	M4.0×0.75	3.25	3.376	3.106	5/8-18	14.50	14.681	14.351
M6.0×0.75	5.3	5.378	5.188	M4.5×0.75	3.8	3.878	3.688	3/4-16	17.50	17.678	17.323
M6.0×0.5	5.5	5.55	5.4	M5.0×0.8	4.2	4.334	4.134	7/8-14	20.50	20.675	20.270
M7.0×0.75	6.3	6.378	6.188	M5.0×0.9	4.1	4.17	3.93	1-12	23.20	23.571	23.114
M7.0×0.5	6.5	6.55	6.4	M6.0×1.0	5	5.153	4.917	1-1/8-12	26.50	26.746	26.289
M8.0×1.0	7	7.153	6.917	M7.0×1.0	6	6.153	5.917	1-1/4-12	29.50	29.921	29.464
M8.0×0.75	7.3	7.378	7.188	M8.0×1.25	6.8	6.912	6.647	1-3/8-12	32.80	33.096	32.639
M8.0×0.5	7.5	7.52	7.4	M9.0×1.25	7.8	7.912	7.647	1-1/2-12	36.00	36.271	35.814
M9.0×1.0	8	8.153	7.917	M10×1.5	8.5	8.676	8.376				
M9.0×0.75	8.3	8.378	8.188	M11×1.5	9.5	9.676	9.376				
M10×1.25	8.8	8.912	8.647	M12×1.75	10.3	10.441	10.106				
M10×1.0	9	9.153	8.917	M14×2.0	12	12.21	11.835				
M10×0.75	9.3	9.378	9.188	M16×2.0	14	14.21	13.835				
M10×0.5	9.5	9.52	9.4	M18×2.5	15.5	15.744	15.294				
M11×1.0	10	10.153	9.917	M20×2.5	17.5	17.744	17.294				
M11×0.75	10.3	10.378	10.188	M22×2.5	19.5	19.744	19.294				
M12×1.5	10.5	10.676	10.376	M24×3.0	21	21.252	20.752				
M12×1.25	10.8	10.912	10.647	M27×3.0	24	24.252	23.752				
M12×1.0	11	11.153	10.917	M30×3.5	26.5	26.771	26.211				
M12×0.5	11.5	11.52	11.4								
M14×1.5	12.5	12.676	12.376								
M14×1.0	13	13.153	12.917								
M15×1.5	13.5	13.676	13.376								
M15×1.0	14	14.153	13.917								
M16×1.5	14.5	14.676	14.376								
M16×1.0	15	15.153	14.917								
M17×1.5	15.5	15.676	15.376								
M17×1.0	16	16.153	15.917								
M18×2.0	16	16.21	15.835								
M18×1.5	16.5	16.676	16.376								
M18×1.0	17	17.153	16.917								
M20×2.0	18	18.21	17.835								
M20×1.5	18.5	18.676	18.376								
M20×1.0	19	19.153	18.917								
M22×2.0	20	20.21	19.835								
M22×1.5	20.5	20.676	20.376								
M22×1.0	21	21.153	20.917								
M24×2.0	22	22.21	21.835								
M24×1.5	22.5	22.676	22.376								
M24×1.0	23	23.153	22.917								
M25×2.0	23	23.21	22.835								
M25×1.5	23.5	23.676	23.376								
M25×1.0	24	24.153	23.917								
M26×1.5	24.5	24.676	24.376								
M27×2.0	25	25.21	24.835								
M27×1.5	25.5	25.676	25.376								
M27×1.0	26	26.153	25.917								
M28×2.0	26	26.21	25.835								
M28×1.5	26.5	26.676	26.376								
M28×1.0	27	27.153	26.917								
M30×3.0	27	27.252	26.752								
M30×2.0	28	28.21	27.835								
M30×1.5	28.5	28.676	28.376								
M30×1.0	29	29.153	28.917								
M32×2.0	30	30.21	29.835								
M32×1.5	30.5	30.676	30.376								
M33×3.0	30	30.252	29.752								
M33×2.0	31	31.21	30.835								
M33×1.5	31.5	31.676	31.376								
M35×1.5	33.5	33.676	33.376								
M36×3.0	33	33.252	32.752								
M36×2.0	34	34.21	33.835								
M36×1.5	34.5	34.676	34.376								

美制粗螺纹				美制细螺纹			
规格(UNC)	标准径	2级牙钻孔径		规格(UNC)	标准径	2级牙钻孔径	
		最大	最小			最大	最小
NO 1-64(1.854)	1.55	1.582	1.425	NO 1-64(1.854)	1.55	1.582	1.425
NO 2-56(2.184)	1.80	1.871	1.695	NO 2-56(2.184)	1.80	1.871	1.695
NO 3-48(2.515)	2.10	2.146	1.941	NO 3-48(2.515)	2.10	2.146	1.941
NO 4-40(2.845)	2.30	2.385	2.157	NO 4-40(2.845)	2.30	2.385	2.157
NO 5-40(3.175)	2.60	2.697	2.487	NO 5-40(3.175)	2.60	2.697	2.487
NO 6-32(3.505)	2.80	2.895	2.642	NO 6-32(3.505)	2.80	2.895	2.642
NO 8-32(4.166)	3.40	3.53	3.302	NO 8-32(4.166)	3.40	3.53	3.302
NO 10-24(4.826)	3.90	3.962	3.683	NO 10-24(4.826)	3.90	3.962	3.683
NO 12-24(5.486)	4.50	4.597	4.344	NO 12-24(5.486)	4.50	4.597	4.344
1/4-20	5.10	5.257	4.979	1/4-20	5.10	5.257	4.979
5/16-18	6.60	6.731	6.401	5/16-18	6.60	6.731	6.401
3/8-16	8.00	8.153	7.798	3/8-16	8.00	8.153	7.798
7/16-14	9.40	9.55	9.144	7/16-14	9.40	9.55	9.144
1/2-13	10.80	11.023	10.592	1/2-13	10.80	11.023	10.592
9/16-12	12.20	12.446	11.989	9/16-12	12.20	12.446	11.989
5/8-11	13.60	13.868	13.386	5/8-11	13.60	13.868	13.386
3/4-10	16.50	16.840	16.307	3/4-10	16.50	16.840	16.307
7/8-9	19.50	19.761	19.177	7/8-9	19.50	19.761	19.177
1	22.20	22.606	21.971	1	22.20	22.606	21.971
1-1/8-7	25.00	25.349	24.638	1-1/8-7	25.00	25.349	24.638
1-1/4-7	28.20	28.524	27.813	1-1/4-7	28.20	28.524	27.813
1-3/8-6	30.80	31.115	30.353	1-3/8-6	30.80	31.115	30.353
1-1/2-6	34.00	34.290	33.528	1-1/2-6	34.00	34.290	33.528
1-3/4-5	39.50	39.827	38.964	1-3/4-5	39.50	39.827	38.964
2-1/2-4	45.20	45.593	44.679	2-1/2-4	45.20	45.593	44.679

英制PT管用螺纹				美制特细螺纹			
规格	标准径	有效螺纹长度(内径)	标准长度内径	规格(UNEF)			