

使命
Mission

精准切削，为客户解决加工难题，让天下无难加工材料！
Precision cutting, to solve processing problems for customers,
and make processing easy.

愿景
Vision

共筑刀具品牌，成为刀具首选服务商！
To build a cutting tool brand together,
and become the preferred service provider for cutting tools.

价值观
Core Value

聚焦客户，忠诚敬业，创新高效，价值共享
To focus on customers, be loyal, dedicated,
innovative, efficient, and share value.

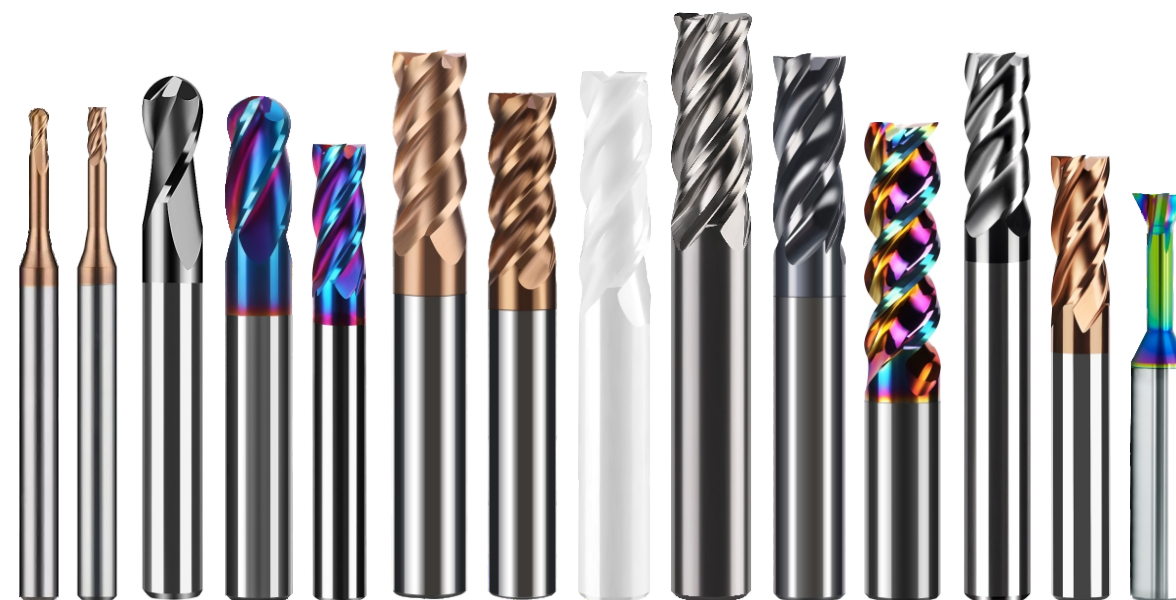
MISLONG
CUTTING TOOL



铭泰顺硬质合金有限公司

Mingtaishun Carbide Co.,Ltd

- 四川工厂：四川省遂宁市射洪县经济开发区河东大道13号
Sichuan Factory: No. 13, Hedong Avenue, Economic Development Zone,
Shehong County, Suining City, Sichuan Province
- 常州工厂：江苏省常州市西夏墅镇微山湖路100号
Changzhou Factory: No. 100, Weishanhu Road, Xixiashu Town,
Changzhou City, Jiangsu Province



ABOUT US

公司简介

铭泰顺硬质合金有限公司自2012年成立以来，一直秉承“弘扬工匠精神、追求卓越品质”的经营理念，践行“聚焦客户、忠诚敬业、创新高效、价值共享”的企业核心价值观，长期致力于研发、生产各类整体硬质合金铣刀、刀片、钻头、旋转锉等产品，可根据客户需求定制各类非标刀具，解决客户加工难题。公司拥有常州和遂宁2个生产基地，投产棒材生产设备100余台/套，安卡、萨克和国产数控磨床120余台，涂层设备4台，形成涵盖硬质合金棒材生产、刀具加工和涂层处理的完整产业链，年产硬质合金刀具超700万支。公司拥有专业的研发、生产和品控团队，具备雄厚的技术实力；开设11家直营门店、6个线上服务团队，为全世界100多个国家和地区的客户id提供全方位服务，得到国内外客户一致认可。

Since established in 2012, Mingtaishun Carbide Co., Ltd. (MTSLONG®) has always adhered to the business philosophy of "promoting the spirit of craftsmanship and pursuing excellent quality", and practiced the corporate core value of "Focus on customers, be loyal and dedicated, to be innovative and efficient, and share value". We have long been committed to the research, development and production of various types of carbide cutting tools, inserts, drill bits, burrs, etc. Customized cutting tools are also available, which can solve customers' processing difficulties. We have 2 production bases, with over 100 rods production machines, 4 coating machines, and more than 120 CNC grinders, including ANCA, SAACKE, and domestic ones, which formed a complete industrial chain covering the rods production, cutter processing, and coating. Our annual production of cutting tools exceeds 7 million pieces. We have professional teams for research, production, and quality control, with strong technical strength. With 11 direct stores and 6 online service teams, we provide comprehensive services to customers from over 100 countries and regions around the world, and have received unanimous recognition from our customers.

2 11 6 100⁺
生产基地 | 直营门店 | 服务团队 | 国家和地区



DEVELOPMENT HISTORY

发展历程

2012

筹建、成立“常州市铭泰顺硬质合金有限公司”，投产棒料生产车间
成立“射洪洪泰硬质合金有限公司”
Established our company “Changzhou Mingtaishun Carbide Co., Ltd.”, which includes a carbide rods workshop. Established company “Shehong Hongtai Carbide Co., Ltd.”.

2014

扩大刀具生产规模
数控磨床数量达到20台
Expanded the production scale of cutting tools. The number of CNC grinding machines reached to 20 sets.

2015

筹建、成立“常州市铭泰顺东莞办事处”
长荣门店正式开业
昆山门店正式开业
Established Dongguan Branch of Mingtaishun Carbide Corporation. Changrong and Kunshan stores officially opened.

2016

成立“四川铭泰顺硬质合金有限公司”
成立“东莞桦皓数控刀具有限公司”
温岭门店正式开业
Established “Sichuan Mingtaishun Carbide Co., Ltd.” and “Dongguan Kehaou CNC Tools Co., Ltd.”. Wenling store officially opened.

2017

“常州铭泰顺”合金生产线回迁至“四川射洪”
“四川铭泰顺”正式投产合金及刀具生产线
成立“四川锐虎科技有限公司”
成立“四川德达科技有限公司”
The carbide production line relocated from Changzhou to Shehong, where we also put a cutting tools production line into operation at the same time. Established “Sichuan Ruihu Technology Co., Ltd.” and “Sichuan Deda Technology Co., Ltd.”.

2018

四川铭泰顺投产“无心磨生产车间”
成立“四川德克普数控机床有限公司”
重庆门店正式开业
天津门店正式开业
The centerless grinding workshop was put into operation in Sichuan Mingtaishun. Established “Sichuan Dekepu CNC Machine Co., Ltd.”. Chongqing and Tianjin stores officially opened.

2019

“四川铭泰顺”逐步扩大刀具生产规模
“四川德克普数控机床有限公司”正式投产
举办“中国西部刀具国际高峰论坛”峰会
The production scale of cutting tools in Sichuan Mingtaishun gradually expanded. “Sichuan Dekepu CNC Machine Tool Co., Ltd.” started machine manufacturing. The “Western China International Summit for Cutting Tools” was successfully held in Shehong.

2020

四川铭泰顺扩大刀具生产规模
“数控磨床数量达到30台”
成立“四川铭钛顺数控刀具有限公司”
成立“常州纳德切削工具有限公司”
成立“四川铭杰尔新材料有限公司”
莞深门店正式开业
凤岗门店正式开业
The production scale of cutting tools expanded in Sichuan Mingtaishun, as the number of grinding machines reached to 30 sets. Established “Sichuan Mingtaishun CNC Tools Co., Ltd.”, “Changzhou Nade Cutting Tools Co., Ltd.”, and “Sichuan Mingjieer New Materials Co., Ltd.”. Guanshen and Fenggang stores officially opened.

2022

修建“四川锐虎科技有限公司”大楼
成立“江苏珂德数控科技有限公司”
成立“常州市科锐德数控工具有限公司”
成都门店正式开业
横沥门店正式开业
Started construction of the building “Sichuan Ruihu Technology Co., Ltd.”. Established “Jiangsu Kede CNC Technology Co., Ltd.” and “Changzhou Keruide CNC Tools Co., Ltd.”. Chengdu and Hengli stores officially opened.

2024

西安门店正式开业
东莞生产基地回迁射洪
Xi'an store officially opened. Dongguan production base was relocated to Shehong.

2023

开展与四川大学合作项目—加工高温合金棒材的研发
与“叁叁叁管理咨询公司”达成战略合作，为上市做筹备
锐虎大楼落成
Initiated a collaborative project with Sichuan University, which was named “Research and Development of Carbide Rods to Process high temperature alloy”. Started strategic cooperation with “333 Management Consulting”, as a step to public company. Sichuan Ruihu Building was completed.

2021

成立“成都铭川金丽数控刀具有限公司”
“四川铭杰尔新材料有限公司”正式投产
成立“常州市纳得尔纳米科技有限公司”同年正式投产
成立“东莞市君丽数控刀具有限公司”同年正式投产
Established “Chengdu Mingchuan Jinli CNC Tools Co., Ltd.”. “Sichuan Mingjier New Materials Co., Ltd.” started producing. “Changzhou Nader Nanotechnology Co., Ltd.” and “Dongguan Junli CNC Tools Co., Ltd.” were established and put into operation in the same year.

2026

开启代加工业务
Start OEM services.

COMPANY STRENGTH

公司实力

公司拥有常州和遂宁2个生产基地，投产棒材生产设备100余台/套，安卡、萨克和国产数控磨床120余台，涂层设备4台，形成涵盖硬质合金棒材生产、刀具加工和涂层处理的完整产业链，年产硬质合金刀具超700万支。

The company has two production bases in Changzhou and Suining, putting into production more than 100 sets of rod production equipment, more than 120 sets of Anka, Sark and domestic CNC grinding machines, and 4 sets of coating equipment, forming a complete industry chain covering carbide rod production, tool processing and coating treatment, with an annual output of more than 7 million cemented carbide tools.



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Ceramic End Mill

003/004



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Cermet End Mill

005/006



UA+系列3刃铣刀
UA+ Series 3 Flutes End Mill

007/008



UP+系列4刃铣刀
UP+ Series 4 Flutes End Mill

009/010



U6065系列4刃铣刀
U6065 Series 4 Flutes End Mill

011/012



SS35系列4刃铣刀
SS35 Series 4 Flutes End Mill

013/014



SH系列4刃铣刀
SH Series 4 Flutes End Mill

经济通用型铣刀 Economical Universal Milling Cutter

015/016



68度钢用4刃平刀
HRC68 4 Flutes Flat/Square End Mill

017/018



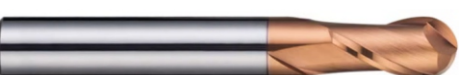
68度钢用2刃平刀
HRC68 2 Flutes Flat/Square End Mill

019/020



68度钢用4刃球刀
HRC68 4 Flutes Ball Nose End Mill

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68度钢用2刃球刀
HRC68 2 Flutes Ball Nose End Mill

023/026



68度钢用4刃圆鼻刀
HRC68 4 Flutes Corner Radius/Bull Nose End Mill

029/030



65度钢用4刃球刀
HRC65 4 Flutes Ball Nose End Mill

033/036



65度钢用4刃圆鼻刀
HRC65 4 Flutes Corner Radius/Bull Nose End Mill

039/040



65度2刃微径球刀
HRC65 2 Flutes Ball Nose End Mill

043/044



60度钢用2刃球刀
HRC60 2 Flutes Ball Nose End Mill

049/050



60度2刃微径平刀
HRC60 2 Flutes Micro Flat/Square End Mill

053/054



58度钢用4刃平刀
HRC58 4 Flutes Flat/Square End Mill

057/060



58度钢用4刃圆鼻刀
HRC58 4 Flutes Corner Radius/Bull Nose End Mill

065/066



55度钢用2刃平刀
HRC55 2 Flutes Flat/Square End Mill

027/028



65度钢用4刃平刀
HRC65 4 Flutes Flat/Square End Mill

031/032



65度钢用2刃球刀
HRC65 2 Flutes Ball Nose End Mill

037/038



65度2刃微径平刀
HRC65 2 Flutes Micro Flat/Square End Mill

041/042



60度钢用4刃平刀
HRC60 4 Flutes Flat/Square End Mill

045/048



60度钢用4刃圆鼻刀
HRC60 4 Flutes Corner Radius/Bull Nose End Mill

051/052



60度2刃微径球刀
HRC60 2 Flutes Ball Nose End Mill

055/056



58度钢用2刃球刀
HRC58 2 Flutes Ball Nose End Mill

061/064



55度钢用4刃平刀
HRC55 4 Flutes Flat/Square End Mill

067/068



55度钢用4刃球刀
HRC55 4 Flutes Ball Nose End Mill



55度钢用2刃球刀
HRC55 2 Flutes Ball Nose End Mill



55度钢用定点钻
HRC55 Spot Drills



55度钢用粗皮刀
HRC55 Roughing End Mill



55度铝用2刃平刀
HRC55 2 Flutes Flat/Square End Mill For Aluminum



55度铝用2刃球刀
HRC55 2 Flutes Ball Nose End Mill For Aluminum



55度钢用4刃倒角刀
HRC55 4 Flutes Chamfering End Mill



55度铝用3刃倒角刀
HRC55 3 Flutes Chamfering End Mill For Aluminum



55度2刃微径球刀
HRC55 2 Flutes Ball Nose End Mill

成型铣刀 Form Milling Cutter



55度上下倒角刀
HRC55 Up-Down Chamfer End Mill



55度钢用4刃圆鼻刀
HRC55 4 Flutes Corner Radius/Bull Nose End Mill



55度铝用定点钻
HRC55 Spot Drills For Aluminum



55度铝用粗皮刀
HRC55 Roughing End Mill For Aluminum



55度铝用3刃平刀
HRC55 3 Flutes Flat/Square End Mill For Aluminum



55度铝用3刃圆鼻刀
HRC55 3 Flutes Corner Radius/Bull Nose End Mill For Aluminum



55度铝用4刃倒角刀
HRC55 4 Flutes Chamfering End Mill For Aluminum



55度2刃微径平刀
HRC55 2 Flutes Micro Flat/Square End Mill



55度T型圆弧铣刀
HRC55 T-Slot Corner Radius End Mill



55度T型铣刀
HRC55 T-Slot End Mill



55度内R铣刀
HRC55 Internal R End Mill

深沟铣刀 Long Neck End Mill Series



68度深沟平刀
HRC68 Long Neck End Mill



68度深沟圆鼻刀
HRC68 Long Neck Corner Radius/Bull Nose End Mill



60度深沟球刀
HRC60 Long Neck Ball Nose End Mill



58度深沟平刀
HRC58 Long Neck End Mill



58度深沟圆鼻刀
HRC58 Long Neck Corner Radius/Bull Nose End Mill



55度深沟平刀
HRC55 Long Neck End Mill



55度T型燕尾铣刀
HRC55 Dove Tail End Mill



55度棒棒糖球型铣刀
HRC55 Lolipop End Mill



68度深沟球刀
HRC68 Long Neck Ball Nose End Mill



60度深沟平刀
HRC60 Long Neck End Mill



60度深沟圆鼻刀
HRC60 Long Neck Corner Radius/Bull Nose End Mill



58度深沟球刀
HRC58 Long Neck Ball Nose End Mill



55度深沟圆鼻刀
HRC55 Long Neck Corner Radius/Bull Nose End Mill



55度深沟球刀
HRC55 Long Neck Ball Nose End Mill

材料和实用刀具

Materials And Applicable Cutting Tools

材料组 Materials Group	ISO代码 ISO Code	材料示例 Material Examples	完成切割 Finish Cuts	中等 Medium D.O.C.	重质 Heavy D.O.C.	开槽 Slotting	面铣 Facing	电路插值 Circutar Interpolation	高进给/高速加工 (HSM) High Feed /high Speed Machining (HSM)
合金钢 Steel Alloy	P	碳钢合金钢 (<35HRC) Carbon Steel Alloy Steel (<35HRC)	U6065 SG UP+ 65度 60度	UP+ SG U6065 65度 60度 58度 55度	UP+ SG 65度 60度 58度 55度	UP+ SG	UP+ SG U6065 65度 60度 58度 55度	UP+ SG U6065	UP+ SG U6065
		合金钢(35-48HRC) Alloy steel (35-48HRC)	U6065 SG UP+ 65度 60度	UP+ SG U6065 65度 60度 58度 55度	UP+ SG 65度 60度 58度 55度		UP+ SG U6065 65度 60度 58度 55度	UP+ SG U6065 SG U6065	UP+ SG U6065
不锈钢 Stainless Steel	M	不锈钢 Stainless Steel	U6065 SG 65度 60度	U6065 SG 65度 60度	U6065 SG 65度 60度	U6065 SG 65度 60度	U6065 SG 65度 60度	SG U6065	SG U6065
铸铁 Cast Iron	K	(35-45HRC) 灰铸铁/球墨铸铁 (< 32HRC) Grey Cast Iron/ductile Iron (< 32HRC)	UP+ SG U6065 65度 60度	UP+ SG U6065 65度 60度 58度 55度	UP+ SG 65度 60度 58度 55度	UP+ SG	UP+ SG U6065 65度 60度 58度 55度	UP+ SG U6065	UP+ SG U6065
		高合金铸铁(35-45HRC) High Alloy Cast Iron	UP+ SG U6065	UP+ SG U6065	UP+ SG U6065	UP+ SG U6065	UP+ SG U6065	UP+ SG U6065	UP+ SG U6065
有色金属材料 Non Ferrous Materials	N	铝、铜、黄铜、青铜 Alumnium,Copper, Brass, Bronze	UA+ SA	UA+ SA	UA+ SA	UA+ SA	UA+ SA	UA+ SA	UA+ SA
高温合金 High-temperature Alloy	S	高温钛合金 High Temp Titanium Alloys	SS40	SS40	SS40	SS40	SS40	SS40	SS40
		高温铁基合金 High-temperature Iron- based Alloy	SS35	SS35	SS35	SS35	SS35	SS35	SS35
		镍基高温合金 Nickel Base Superalloy	SS35	SS35	SS35	SS35	SS35	SS35	SS35
高硬度材料 High hardness material	H	合金钢、淬硬钢 (45-65HRC) Alloy Steel, Quenched And Hardened Steel (45-65HRC)	SH	SH	SH	SH	SH	SH	SH

产品标准公差

Product Standard Tolerance

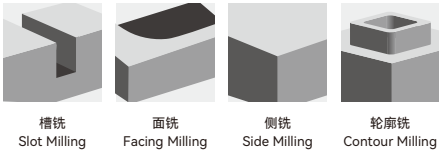
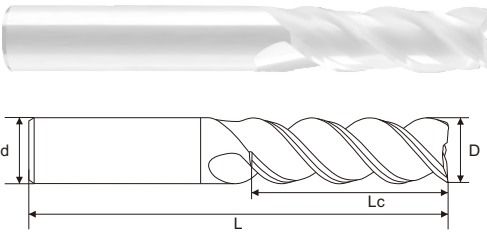
宽度 Dimension	公差 Tolerance
刃径 Blade Diameter	0,-0.03
柄径 Shank Diameter	h6 Tolerance
刃长 Blade Length	±0.5
总长 Overall Length	±1
刀尖圆弧半径 Corner Radius	±0.01

材料组ISO代码

Material Group ISO Codes

ISO代码 ISO Code	材料 Materials
P	碳钢、合金钢 Carbon Steel, Alloy Steel
M	不锈钢 Stainless Steels
K	铸铁 Cast Iron
N	有色金属材料 Non Ferrous Materials
S	高温合金 High-temperature Alloy
H	合金钢、淬硬钢(45-65HRC)Alloy Steel Hardened Steel (45-65HRC)

陶瓷铣刀
Ceramic End Mill



● 适合加工材料： 铝合金、铜合金、石墨材料
Suitable for: Aluminum alloys, copper alloys, graphite, etc.

材料成分 Material composition

基体材料 ZrO₂,硬度HRA91.5,密度6.02g/cm³

Base material: ZrO₂, Hardness: HRA 91.5,
Density: 6.02 g/cm³

产品优势 Product advantages

- 1. 超高硬度，耐磨性和热稳定性优异；
- 2. 抗粘结与化学惰性好，不易粘刀；
- 3. 刀槽抛光及刃口抛光处理，排屑优，摩擦系数低。

- 1. Extremely high hardness, excellent wear resistance and thermal stability.
- 2. Strong anti-adhesion and good chemical stability, not easy to stick to the cutting edge.
- 3. Polished cutting edges and chip flutes, providing smooth chip evacuation and low friction coefficient.

适合加工材料及加工参数 Suitable for processing materials and processing parameters

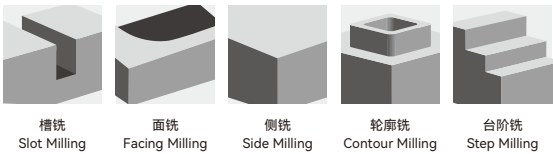
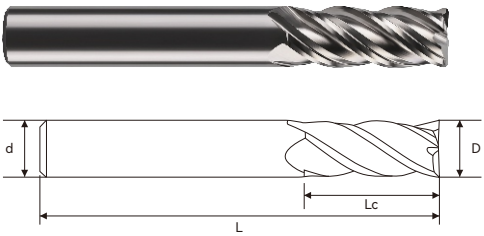
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
	高合金铸铁(35-45HRC) High Alloy Cast Iron (35-45HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap≤1D	ae≤0.3D	120-160	0.01D-0.06D
S	镍基高温合金 Nickel-based Superalloy				
	钛合金 Titanium Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes	螺旋角 Spiral Angle	槽型 Groove Profile
	刃径 D	刃长 Lc	柄径 d	总长 L			
4*10*4*50*3T	4	10	4	50	3	40°	平槽 Flat groove
6*15*6*50*3T	6	15	6	50	3	40°	平槽 Flat groove
8*20*8*60*3T	8	20	8	60	3	40°	平槽 Flat groove
10*25*10*75*3T	10	25	10	75	3	40°	平槽 Flat groove
12*30*12*75*3T	12	30	12	75	3	40°	平槽 Flat groove

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

金属陶瓷铣刀
Cermet End Mill



● 适合加工材料：钢、不锈钢、铸铁等
Suitable for: Steel, stainless steel, cast iron, etc.

材料成分 Material composition

基体材料TiCN，硬度HRA92，密度6.8g/cm³

Matrix material TiCN, Hardness HRA92,
Density 6.8 g/cm³

产品优势 Product advantages

1. 高硬度与高耐磨性，可实现高速加工，显著提升生产效率
2. 优异红硬性，不易粘刀，无需涂层即可重复修模
3. 刀槽与刃口均经抛光处理，加工工件光洁度高，排屑顺畅，摩擦系数低

1. High hardness and wear resistance enable high-speed machining and significantly improve production efficiency.
2. Excellent red hardness, low tendency to built-up edge, and repeatable regrinding without coating.
3. Both flutes and cutting edges are polished, ensuring high workpiece surface finish, smooth chip evacuation and low friction coefficient.

适合加工材料及加工参数 Suitable for processing materials and processing parameters

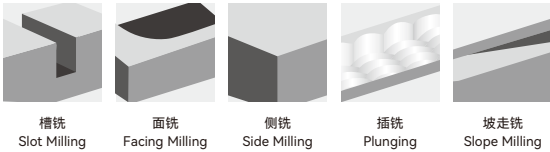
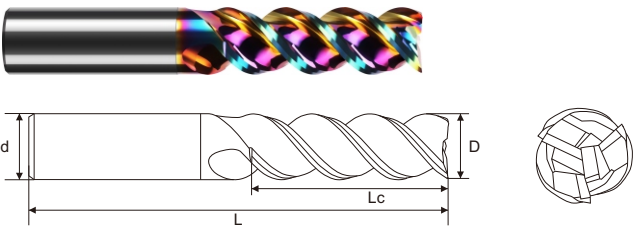
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	/	ae≤0.05D	80-150	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels	/	ae≤0.05D	80-150	0.008D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	/	ae≤0.05D	80-150	0.008D
	高合金铸铁(35-45HRC) High Alloy Cast Iron (35-45HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
S	镍基高温合金 Nickel-based Superalloy				
	钛合金 Titanium Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes	螺旋角 Spiral Angle	槽型 Groove Profile
	刃径 D	刃长 Lc	柄径 d	总长 L			
4*10*4*50*4T	4	10	4	50	4	40°	平槽 Flat groove
6*15*6*50*4T	6	15	6	50	4	40°	平槽 Flat groove
8*20*8*60*4T	8	20	8	60	4	40°	平槽 Flat groove
10*25*10*75*4T	10	25	10	75	4	40°	平槽 Flat groove
12*30*12*75*4T	12	30	12	75	4	40°	平槽 Flat groove

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

UA+系列3刃铣刀
UA+ Series 3 Flutes End Mill



● 适合加工材料：锻造铝合金、铸造铝合金(Si<12%)
Suitable for: Forged aluminum alloys, cast aluminum alloys (Si < 12%)

材料成分 Material composition

钴含量10%，晶粒度0.8μm，HRA91.5-92

Cobalt content 10%, grain size 0.8μm, HRA91.5-92

产品优势 Product advantages

- 1、U槽设计，更大容屑空间，可实现更高加工效率
- 2、槽内抛光，有效减少积屑瘤，排屑顺畅
- 3、DLC涂层，低摩擦系数和高涂层硬度组合，刀具寿命大幅提升

- 1.U-groove design, larger chip space, can achieve higher processing efficiency
- 2.Polishing inside the groove effectively reduces build-up edge and ensures smooth chip removal
- 3.DLC coating, combined with low friction coefficient and high coating hardness, significantly improves tool life

适合加工材料及加工参数 Suitable for processing materials and processing parameters

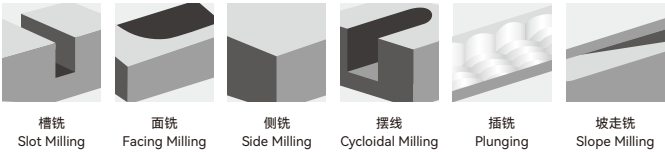
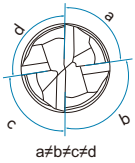
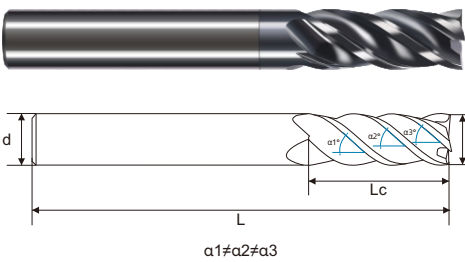
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
	高合金铸铁(35-45HRC) High Alloy Cast Iron (35-45HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap≤1.5D	ae≤0.2D	150	0.015D
S	镍基高温合金 Nickel-based Superalloy				
	钛合金 Titanium Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes	螺旋角 Spiral Angle	槽型 Groove Profile	涂层 Coating
	刃径 D	刃长 Lc	柄径 d	总长 L				
3*9*3*50*3T	3	9	3	50	3	50°	U槽 U slot	七彩 DLC
3*12*3*75*3T	3	12	3	75	3	50°	U槽 U slot	七彩 DLC
3*15*3*100*3T	3	15	3	100	3	50°	U槽 U slot	七彩 DLC
1*3*4*50*3T	1	3	4	50	3	50°	U槽 U slot	七彩 DLC
1.5*5*4*50*3T	1.5	5	4	50	3	50°	U槽 U slot	七彩 DLC
2*6*4*50*3T	2	6	4	50	3	50°	U槽 U slot	七彩 DLC
2.5*8*4*50*3T	2.5	8	4	50	3	50°	U槽 U slot	七彩 DLC
3*9*4*50*3T	3	9	4	50	3	50°	U槽 U slot	七彩 DLC
3.5*12*4*50*3T	3.5	12	4	50	3	50°	U槽 U slot	七彩 DLC
4*12*4*50*3T	4	12	4	50	3	50°	U槽 U slot	七彩 DLC
4*20*4*75*3T	4	20	4	75	3	50°	U槽 U slot	七彩 DLC
4*25*4*100*3T	4	25	4	100	3	50°	U槽 U slot	七彩 DLC
5*15*5*50*3T	5	15	5	50	3	50°	U槽 U slot	七彩 DLC
5*20*5*75*3T	5	20	5	75	3	50°	U槽 U slot	七彩 DLC
5*25*5*100*3T	5	25	6	100	3	50°	U槽 U slot	七彩 DLC
2*6*6*50*3T	2	6	6	50	3	50°	U槽 U slot	七彩 DLC
3*9*6*50*3T	3	9	6	50	3	50°	U槽 U slot	七彩 DLC
4*12*6*50*3T	4	12	6	50	3	50°	U槽 U slot	七彩 DLC
5*15*6*50*3T	5	15	6	50	3	50°	U槽 U slot	七彩 DLC
6*18*6*50*3T	6	18	6	50	3	50°	U槽 U slot	七彩 DLC
6*30*6*75*3T	6	30	6	75	3	50°	U槽 U slot	七彩 DLC
6*30*6*100*3T	6	30	6	100	3	50°	U槽 U slot	七彩 DLC
6*40*6*150*3T	6	40	6	150	3	50°	U槽 U slot	七彩 DLC
7*21*8*60*3T	7	21	8	60	3	50°	U槽 U slot	七彩 DLC
8*24*8*60*3T	8	24	8	60	3	50°	U槽 U slot	七彩 DLC
8*35*8*75*3T	8	35	8	75	3	50°	U槽 U slot	七彩 DLC
8*40*8*100*3T	8	40	8	100	3	50°	U槽 U slot	七彩 DLC
8*50*8*150*3T	8	50	8	150	3	50°	U槽 U slot	七彩 DLC
9*27*10*75*3T	9	27	10	75	3	50°	U槽 U slot	七彩 DLC
10*30*10*75*3T	10	30	10	75	3	50°	U槽 U slot	七彩 DLC
10*40*10*100*3T	10	40	10	100	3	50°	U槽 U slot	七彩 DLC
10*50*10*150*3T	10	50	10	150	3	50°	U槽 U slot	七彩 DLC
11*33*12*75*3T	11	33	12	75	3	50°	U槽 U slot	七彩 DLC
12*36*12*75*3T	12	36	12	75	3	50°	U槽 U slot	七彩 DLC
12*45*100*3T	12	45	12	100	3	50°	U槽 U slot	七彩 DLC
12*60*12*150*3T	12	60	12	150	3	50°	U槽 U slot	七彩 DLC
14*35*14*80*3T	14	35	14	80	3	50°	U槽 U slot	七彩 DLC
14*45*14*100*3T	14	45	14	100	3	50°	U槽 U slot	七彩 DLC
14*65*14*150*3T	14	65	14	150	3	50°	U槽 U slot	七彩 DLC
16*45*16*100*3T	16	45	16	100	3	50°	U槽 U slot	七彩 DLC
16*65*16*150*3T	16	65	16	150	3	50°	U槽 U slot	七彩 DLC
18*45*18*100*3T	18	45	18	100	3	50°	U槽 U slot	七彩 DLC
18*70*18*150*3T	18	70	18	150	3	50°	U槽 U slot	七彩 DLC
20*45*20*100*3T	20	45	20	100	3	50°	U槽 U slot	七彩 DLC
20*70*20*150*3T	20	70	20	150	3	50°	U槽 U slot	七彩 DLC

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

UP+系列4刃铣刀
UP+ Series 4 Flutes End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron

材料成分 Material composition

钴含量10%，晶粒度0.8μm，HRA91.5-92

Cobalt content 10%, grain size 0.8μm, HRA91.5-92

产品优势 Product advantages

- 1、不等分不等螺旋设计，抗震性能好，可适用于动态铣
- 2、采用纳米复合涂层，更耐磨

- 1.Unequal spiral design, good seismic performance, suitable for dynamic milling
- 2.Adopting nano composite coating for greater wear resistance

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap≤1.5D	ae≤0.15D	180	0.0085D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1D	ae≤0.12D	140	0.0075D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.15D	140	0.0075D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	160	0.0075D
	高合金铸铁(35-45HRC) High Alloy Cast Iron (35-45HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
S	镍基高温合金 Nickel-based Superalloy				
	钛合金 Titanium Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

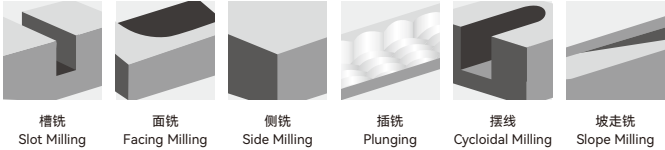
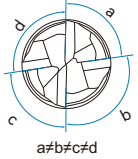
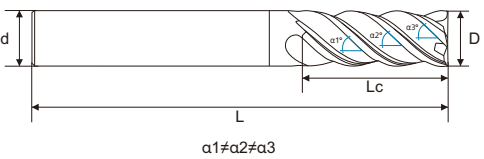
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes	螺旋角 Spiral Angle	槽型 Groove Profile	涂层 Coating
	刃径 D	刃长 Lc	柄径 d	总长 L				
3*8*3*50*4T	3	8	3	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
3*12*3*75*4T	3	12	3	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
3*15*3*100*4T	3	15	3	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
1*3*4*50*4T	1	3	4	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
1.5*4*4*50*4T	1.5	4	4	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
2*5*4*50*4T	2	5	4	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
2.5*7*4*50*4T	2.5	7	4	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
3*8*4*50*4T	3	8	4	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
3.5*10*4*50*4T	3.5	10	4	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
4*10*4*50*4T	4	10	4	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
4*16*4*75*4T	4	16	4	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
4*20*4*100*4T	4	20	4	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
5*13*5*50*4T	5	13	5	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
5*20*5*75*4T	5	20	5	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
5*25*5*100*4T	5	25	5	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
2.5*7*6*50*4T	2.5	8	6	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
3*8*6*50*4T	3	8	6	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
3.5*10*6*50*4T	3.5	10	6	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
4*10*6*50*4T	4	10	6	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
4.5*12*6*50*4T	4.5	12	6	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
5*13*6*50*4T	5	13	6	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
6*15*6*50*4T	6	15	6	50	4	35°~37°	U槽 U slot	黑纳米 NCo4
6*25*6*75*4T	6	25	6	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
6*30*6*100*4T	6	30	6	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
6*40*6*150*4T	6	40	6	150	4	35°~37°	U槽 U slot	黑纳米 NCo4
7*18*8*60*4T	7	18	8	60	4	35°~37°	U槽 U slot	黑纳米 NCo4
8*20*8*60*4T	8	20	8	60	4	35°~37°	U槽 U slot	黑纳米 NCo4
8*28*8*75*4T	8	28	8	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
8*35*8*100*4T	8	35	8	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
8*50*8*150*4T	8	50	8	150	4	35°~37°	U槽 U slot	黑纳米 NCo4
9*23*10*75*4T	9	23	10	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
10*25*10*75*4T	10	25	10	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
10*40*10*100*4T	10	40	10	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
10*50*10*150*4T	10	50	10	150	4	35°~37°	U槽 U slot	黑纳米 NCo4
11*28*12*75*4T	11	28	12	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
12*30*12*75*4T	12	30	12	75	4	35°~37°	U槽 U slot	黑纳米 NCo4
12*45*12*100*4T	12	45	12	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
12*60*12*150*4T	12	60	12	150	4	35°~37°	U槽 U slot	黑纳米 NCo4
14*35*14*80*4T	14	35	14	80	4	35°~37°	U槽 U slot	黑纳米 NCo4
14*45*14*100*4T	14	45	14	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
14*60*14*150*4T	14	60	14	150	4	35°~37°	U槽 U slot	黑纳米 NCo4
16*45*16*100*4T	16	45	16	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
16*60*16*150*4T	16	60	16	150	4	35°~37°	U槽 U slot	黑纳米 NCo4
18*45*18*100*4T	18	45	18	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
18*70*18*150*4T	18	70	18	150	4	35°~37°	U槽 U slot	黑纳米 NCo4
20*45*20*100*4T	20	45	20	100	4	35°~37°	U槽 U slot	黑纳米 NCo4
20*70*20*150*4T	20	70	20	150	4	35°~37°	U槽 U slot	黑纳米 NCo4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

U6065系列4刃铣刀

U6065 Series 4 Flutes End Mill



● 适合加工材料：碳钢，合金钢，不锈钢，铸铁
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5

Cobalt content 12%, grain size 0.4μm, HRA92.5

产品优势 Product advantages

- 1、不等分不等螺旋设计，抗震性能好
- 2、大螺旋角设计，切削刃口负载小，增加刀具寿命
- 3、棒料韧性好、硬度高，通用性强

- 1.Unequal spiral design with good seismic performance
- 2.Large helix angle design, low cutting edge load, increases tool life
- 3.The bar material has good toughness, high hardness, and strong versatility

适合加工材料及加工参数 Suitable for processing materials and processing parameters

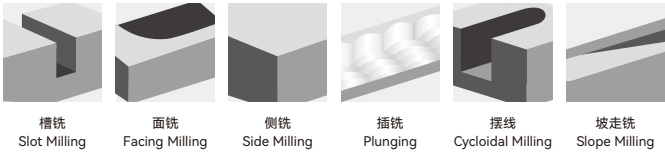
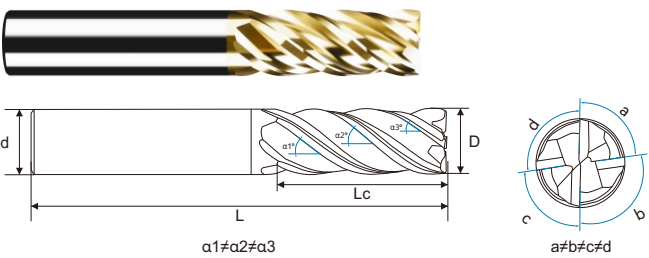
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap≤1.5D	ae≤0.15D	180	0.0085D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1D	ae≤0.12D	140	0.0075D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.15D	140	0.0075D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	160	0.0075D
	高合金铸铁(35-45HRC) High Alloy Cast Iron (35-45HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
S	镍基高温合金 Nickel-based Superalloy				
	钛合金 Titanium Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes	螺旋角 Spiral Angle	槽型 Groove Profile	涂层 Coating
	刃径 D	刃长 Lc	柄径 d	总长 L				
3*8*3*50*4T	3	8	3	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
3*12*3*75*4T	3	12	3	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
3*15*3*100*4T	3	15	3	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
1*3*4*50*4T	1	3	4	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
1.5*4*4*50*4T	1.5	4	4	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
2*5*4*50*4T	2	5	4	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
2.5*7*4*50*4T	2.5	7	4	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
3*8*4*50*4T	3	8	4	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
3.5*10*4*50*4T	3.5	10	4	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
4*10*4*50*4T	4	10	4	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
4*16*4*75*4T	4	16	4	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
4*20*4*100*4T	4	20	4	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
5*13*5*50*4T	5	13	5	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
5*20*5*75*4T	5	20	5	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
5*25*5*100*4T	5	25	5	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
2.5*7*6*50*4T	2.5	8	6	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
3*8*6*50*4T	3	8	6	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
3.5*10*6*50*4T	3.5	10	6	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
4*10*6*50*4T	4	10	6	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
4.5*12*6*50*4T	4.5	12	6	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
5*13*6*50*4T	5	13	6	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
6*15*6*50*4T	6	15	6	50	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
6*25*6*75*4T	6	25	6	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
6*30*6*100*4T	6	30	6	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
6*40*6*150*4T	6	40	6	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
7*18*8*60*4T	7	18	8	60	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
8*20*8*60*4T	8	20	8	60	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
8*28*8*75*4T	8	28	8	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
8*35*8*100*4T	8	35	8	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
8*50*8*150*4T	8	50	8	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
9*23*10*75*4T	9	23	10	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
10*25*10*75*4T	10	25	10	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
10*40*10*100*4T	10	40	10	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
10*50*10*150*4T	10	50	10	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
11*28*12*75*4T	11	28	12	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
12*30*12*75*4T	12	30	12	75	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
12*45*12*100*4T	12	45	12	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
12*60*12*150*4T	12	60	12	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
14*35*14*80*4T	14	35	14	80	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
14*45*14*100*4T	14	45	14	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
14*60*14*150*4T	14	60	14	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
16*45*16*100*4T	16	45	16	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
16*60*16*150*4T	16	60	16	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
18*45*18*100*4T	18	45	18	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
18*70*18*150*4T	18	70	18	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
20*45*20*100*4T	20	45	20	100	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4
20*70*20*150*4T	20	70	20	150	4	44°~45°	U槽 U slot	古铜纳米 TiXCo4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

SS35系列4刃铣刀
SS35 Series 4 Flutes End Mill



● 适合加工材料：高温合金
Suitable for: Nickel-based Superalloy

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5

Cobalt content 12%, grain size 0.4μm, HRA92.5

产品优势 Product advantages

- 1、独特的抗震设计，不等分不等螺旋，有效抗震
- 2、排屑槽加宽设计，大容屑槽，加工平顺排屑好
- 3、粗加工：棒料耐热耐冲击，刃口不易崩缺，金属去除率高
- 精加工：棒料红硬性好，硬度更高更耐磨
- 4、采用复合纳米涂层，润滑性好，耐高温性能突出，有助于刀具的高效排屑和散热。

- 1.Uniquel anti-vibration design ,Unequally divided with unequal spirals, effective vibration resistance
- 2.Widening design of chip groove, large capacity chip groove, smooth processing and good chip removal
- 3.Rough machining:The bar material is heat-resistant and impact resistant, the cutting edge is not easily broken, and the metal removal rate is high
- Precision machining:The bar material has good red hardness, higher hardness, and greater wear resistance
- 4.Adopting a composite nano coating, it has good lubricity and outstanding high temperature resistance, which helps to efficiently remove chips and dissipate heat from the tool

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
	高合金铸铁(35-45HRC) High Alloy Cast Iron (35-45HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
S	镍基高温合金 Nickel-based Superalloy	ap≤1D	ae≤0.1D	20	0.002D
	钛合金 Titanium Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

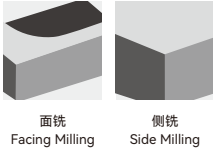
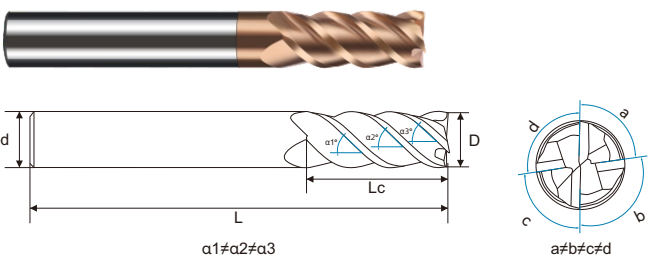
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes	螺旋角 Spiral Angle	槽型 Groove Profile	涂层 Coating
	刃径 D	刃长 Lc	柄径 d	总长 L				
3*8*3*50*4T	3	8	3	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
3*12*3*75*4T	3	12	3	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
3*15*3*100*4T	3	15	3	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
1*3*4*50*4T	1	3	4	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
1.5*4*4*50*4T	1.5	4	4	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
2*5*4*50*4T	2	5	4	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
2.5*7*4*50*4T	2.5	7	4	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
3*8*4*50*4T	3	8	4	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
3.5*10*4*50*4T	3.5	10	4	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
4*10*4*50*4T	4	10	4	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
4*16*4*75*4T	4	16	4	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
4*20*4*100*4T	4	20	4	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
5*13*5*50*4T	5	13	5	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
5*20*5*75*4T	5	20	5	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
5*25*5*100*4T	5	25	5	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
2.5*7*6*50*4T	2.5	8	6	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
3*8*6*50*4T	3	8	6	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
3.5*10*6*50*4T	3.5	10	6	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
4*10*6*50*4T	4	10	6	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
4.5*12*6*50*4T	4.5	12	6	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
5*13*6*50*4T	5	13	6	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
6*15*6*50*4T	6	15	6	50	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
6*25*6*75*4T	6	25	6	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
6*30*6*100*4T	6	30	6	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
6*40*6*150*4T	6	40	6	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
7*18*8*60*4T	7	18	8	60	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
8*20*8*60*4T	8	20	8	60	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
8*28*8*75*4T	8	28	8	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
8*35*8*100*4T	8	35	8	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
8*50*8*150*4T	8	50	8	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
9*23*10*75*4T	9	23	10	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
10*25*10*75*4T	10	25	10	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
10*40*10*100*4T	10	40	10	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
10*50*10*150*4T	10	50	10	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
11*28*12*75*4T	11	28	12	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
12*30*12*75*4T	12	30	12	75	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
12*45*12*100*4T	12	45	12	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
12*60*12*150*4T	12	60	12	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
14*35*14*80*4T	14	35	14	80	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
14*45*14*100*4T	14	45	14	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
14*60*14*150*4T	14	60	14	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
16*45*16*100*4T	16	45	16	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
16*60*16*150*4T	16	60	16	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
18*45*18*100*4T	18	45	18	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
18*70*18*150*4T	18	70	18	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
20*45*20*100*4T	20	45	20	100	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN
20*70*20*150*4T	20	70	20	150	4	35°~38°	梯槽 Trapezoidal Groove	香槟金 ZrN

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

SH系列4刃铣刀

SH Series 4 Flutes End Mill



● 适合加工材料：合金钢、淬硬钢(45-65HRC)

Suitable for: Alloy Steel、Hardened Steel (45-65HRC)

材料成分 Material composition

钴含量9%，晶粒度0.3-0.4μm，HRA93.5-94

Cobalt content 9%, grain size 0.3-0.4μm, HRA93.5-94

产品优势 Product advantages

- 1、不等分设计，有效抗震
- 2、大芯厚设计，刚性强，加工更稳定
- 3、大螺旋角设计，切削刃口负载小，增加刀具寿命
- 4、刃口大楔角设计，刃口更强壮，不易崩刀
- 5、棒料硬度高，更耐磨

- 1.Unequal design, effective seismic resistance
- 2.Large core thickness design, strong rigidity, more stable processing
- 3.Large helix angle design, low cutting edge load, increases tool life
- 4.The blade edge is designed with a large wedge angle, making it stronger and less prone to breakage
- 5.Rod material has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
	高合金铸铁(35-45HRC) High Alloy Cast Iron (35-45HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
S	镍基高温合金 Nickel-based Superalloy				
	钛合金 Titanium Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	ap≤1.5D	ae≤0.02D	150	0.007D

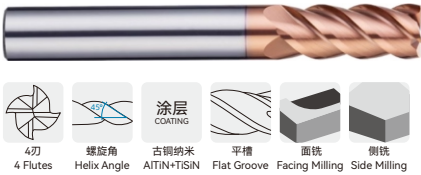
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes	螺旋角 Spiral Angle	槽型 Groove Profile	涂层 Coating
	刃径 D	刃长 Lc	柄径 d	总长 L				
3*8*3*50*4T	3	8	3	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
3*12*3*75*4T	3	12	3	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
3*15*3*100*4T	3	15	3	100	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
1*3*4*50*4T	1	3	4	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
1.5*4*4*50*4T	1.5	4	4	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
2*5*4*50*4T	2	5	4	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
2.5*7*4*50*4T	2.5	7	4	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
3*8*4*50*4T	3	8	4	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
3.5*10*4*50*4T	3.5	10	4	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
4*10*4*50*4T	4	10	4	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
4*16*4*75*4T	4	16	4	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
4*20*4*100*4T	4	20	4	100	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
5*13*5*50*4T	5	13	5	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
5*20*5*75*4T	5	20	5	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
5*25*5*100*4T	5	25	5	100	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
2.5*7*6*50*4T	2.5	8	6	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
3*8*6*50*4T	3	8	6	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
3.5*10*6*50*4T	3.5	10	6	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
4*10*6*50*4T	4	10	6	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
4.5*12*6*50*4T	4.5	12	6	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
5*13*6*50*4T	5	13	6	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
6*15*6*50*4T	6	15	6	50	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
6*25*6*75*4T	6	25	6	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
6*30*6*100*4T	6	30	6	100	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
6*40*6*150*4T	6	40	6	150	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
7*18*8*60*4T	7	18	8	60	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
8*20*8*60*4T	8	20	8	60	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
8*28*8*75*4T	8	28	8	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
8*35*8*100*4T	8	35	8	100	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
8*50*8*150*4T	8	50	8	150	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
9*23*10*75*4T	9	23	10	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
10*25*10*75*4T	10	25	10	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
10*40*10*100*4T	10	40	10	100	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
10*50*10*150*4T	10	50	10	150	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
11*28*12*75*4T	11	28	12	75	4	45°	平槽 Flat groove	古铜纳米 TiXCo4
12*30*12*75*6T	12	30	12	75	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
12*45*12*100*6T	12	45	12	100	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
12*60*12*150*6T	12	60	12	150	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
14*35*14*80*6T	14	35	14	80	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
14*45*14*100*6T	14	45	14	100	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
14*60*14*150*6T	14	60	14	150	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
16*45*16*100*6T	16	45	16	100	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
16*60*16*150*6T	16	60	16	150	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
18*45*18*100*6T	18	45	18	100	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
18*70*18*150*6T	18	70	18	150	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
20*45*20*100*6T	20	45	20	100	6	45°	平槽 Flat groove	古铜纳米 TiXCo4
20*70*20*150*6T	20	70	20	150	6	45°	平槽 Flat groove	古铜纳米 TiXCo4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

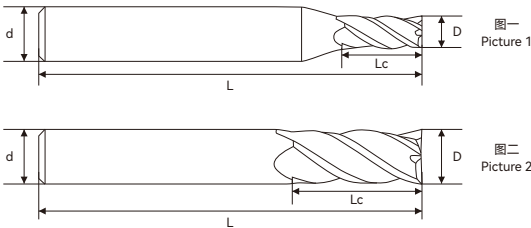
68度钢用4刃平刀

HRC68 4 Flutes Flat/Square End Mill



● 适合加工材料：淬硬钢、冷硬铸铁

Suitable for: Hardened steel, chilled cast iron



材料成分 Material composition

钴含量9%，晶粒度0.3-0.4μm，HRA93.2-94

Cobalt content 9%, grain size 0.3-0.4μm, HRA 93.2-94

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨
1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

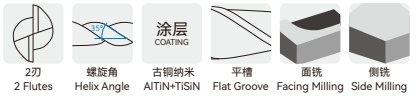
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	ap≤1.5D	ae≤0.02D	70-100	0.007D

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

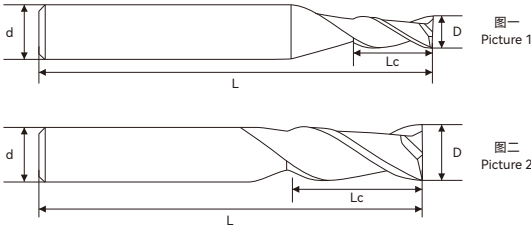
型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*4F	3	8	3	50	4
3*12*3D*75L*4F	3	12	3	75	4
3*15*3D*100L*4F	3	15	3	100	4
1*3*4D*50L*4F	1	3	4	50	4
1.5*4*4D*50L*4F	1.5	4	4	50	4
2*5*4D*50L*4F	2	5	4	50	4
2.5*7*4D*50L*4F	2.5	7	4	50	4
3*8*4D*50L*4F	3	8	4	50	4
3.5*10*4D*50L*4F	3.5	10	4	50	4
4*10*4D*50L*4F	4	10	4	50	4
4*16*4D*75L*4F	4	16	4	75	4
4*20*4D*100L*4F	4	20	4	100	4
5*13*5D*50L*4F	5	13	5	50	4
5*20*5D*75L*4F	5	20	5	75	4
5*25*5D*100L*4F	5	25	5	100	4
1*3*6D*50L*4F	1	3	6	50	4
1.5*4*6D*50L*4F	1.5	4	6	50	4
2*5*6D*50L*4F	2	5	6	50	4
2.5*7*6D*50L*4F	2.5	7	6	50	4
3*8*6D*50L*4F	3	8	6	50	4
3.5*10*6D*50L*4F	3.5	10	6	50	4
4*10*6D*50L*4F	4	10	6	50	4
4.5*12*6D*50L*4F	4.5	12	6	50	4
5*13*6D*50L*4F	5	13	6	50	4
6*15*6D*50L*4F	6	15	6	50	4
6*25*6D*75L*4F	6	25	6	75	4
6*30*6D*100L*4F	6	30	6	100	4
6*40*6D*150L*4F	6	40	6	150	4
7*18*8D*60L*4F	7	18	8	60	4
8*20*8D*60L*4F	8	20	8	60	4
8*28*8D*75L*4F	8	28	8	75	4
8*35*8D*100L*4F	8	35	8	100	4
8*50*8D*150L*4F	8	50	8	150	4
9*23*10D*75L*4F	9	23	10	75	4
10*25*10D*75L*4F	10	25	10	75	4
10*40*10D*100L*4F	10	40	10	100	4
10*50*10D*150L*4F	10	50	10	150	4
11*28*12D*75L*4F	11	28	12	75	4
12*30*12D*75L*4F	12	30	12	75	4
12*45*12D*100L*4F	12	45	12	100	4
12*60*12D*150L*4F	12	60	12	150	4
14*45*14D*100L*4F	14	45	14	100	4
14*60*14D*150L*4F	14	60	14	150	4
16*45*16D*100L*4F	16	45	16	100	4
16*60*16D*150L*4F	16	60	16	150	4
18*45*18D*100L*4F	18	45	18	100	4
18*70*18D*150L*4F	18	70	18	150	4
20*45*20D*100L*4F	20	45	20	100	4
20*70*20D*150L*4F	20	70	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

68度钢用2刃平刀
HRC68 2 Flutes Flat/Square End Mill



● 适合加工材料：淬硬钢、冷硬铸铁
Suitable for: Hardened steel, chilled cast iron



材料成分 Material composition

钴含量9%，晶粒度0.3-0.4μm，HRA93.2-94 Cobalt content 9%, grain size 0.3-0.4μm, HRA 93.2-94

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
2、刀具硬度高，更耐磨
1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	ap≤1.5D	ae≤0.02D	70-100	0.007D

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

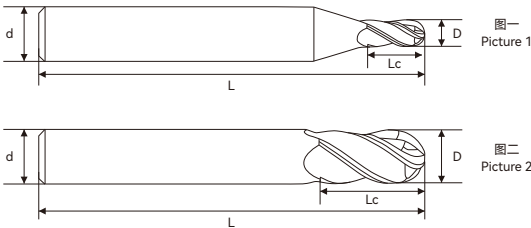
型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*2F	3	8	3	50	2
3*12*3D*75L*2F	3	12	3	75	2
3*15*3D*100L*2F	3	15	3	100	2
1*3*4D*50L*2F	1	3	4	50	2
1.5*4*4D*50L*2F	1.5	4	4	50	2
2*5*4D*50L*2F	2	5	4	50	2
2.5*7*4D*50L*2F	2.5	7	4	50	2
3*8*4D*50L*2F	3	8	4	50	2
3.5*10*4D*50L*2F	3.5	10	4	50	2
4*10*4D*50L*2F	4	10	4	50	2
4*16*4D*75L*2F	4	16	4	75	2
4*20*4D*100L*2F	4	20	4	100	2
5*13*5D*50L*2F	5	13	5	50	2
5*20*5D*75L*2F	5	20	5	75	2
5*25*5D*100L*2F	5	25	5	100	2
1*3*6D*50L*2F	1	3	6	50	2
1.5*4*6D*50L*2F	1.5	4	6	50	2
2*5*6D*50L*2F	2	5	6	50	2
2.5*7*6D*50L*2F	2.5	7	6	50	2
3*8*6D*50L*2F	3	8	6	50	2
3.5*10*6D*50L*2F	3.5	10	6	50	2
4*10*6D*50L*2F	4	10	6	50	2
4.5*12*6D*50L*2F	4.5	12	6	50	2
5*13*6D*50L*2F	5	13	6	50	2
5.5*15*6D*50L*2F	5.5	15	6	50	2
6*15*6D*50L*2F	6	15	6	50	2
6*25*6D*75L*2F	6	25	6	75	2
6*30*6D*100L*2F	6	30	6	100	2
6*40*6D*150L*2F	6	40	6	150	2
7*18*8D*60L*2F	7	18	8	60	2
8*20*8D*60L*2F	8	20	8	60	2
8*28*8D*75L*2F	8	28	8	75	2
8*35*8D*100L*2F	8	35	8	100	2
8*50*8D*150L*2F	8	50	8	150	2
9*23*10D*75L*2F	9	23	10	75	2
10*25*10D*75L*2F	10	25	10	75	2
10*40*10D*100L*2F	10	40	10	100	2
10*50*10D*150L*2F	10	50	10	150	2
11*28*12D*75L*2F	11	28	12	75	2
12*30*12D*75L*2F	12	30	12	75	2
12*45*12D*100L*2F	12	45	12	100	2
12*60*12D*150L*2F	12	60	12	150	2
13*45*14D*100L*2F	13	45	14	100	2
14*35*14D*80L*2F	14	35	14	80	2
14*45*14D*100L*2F	14	45	14	100	2
14*60*14D*150L*2F	14	60	14	150	2
15*45*16D*100L*2F	15	45	16	100	2
16*45*16D*100L*2F	16	45	16	100	2
16*60*16D*150L*2F	16	60	16	150	2
18*45*18D*100L*2F	18	45	18	100	2
18*70*18D*150L*2F	18	70	18	150	2
20*45*20D*100L*2F	20	45	20	100	2
20*70*20D*150L*2F	20	70	20	150	2

常规规格均长期备库，具体需求请联系我们业务员为您服务 Enough regular stock,please contact our sales for order

68度钢用4刃球刀
HRC68 4 Flutes Ball Nose End Mill



● 适合加工材料：淬硬钢、冷硬铸铁
Suitable for: Hardened steel, chilled cast iron



材料成分 Material composition

钴含量9%，晶粒度0.3-0.4μm，HRA93.2-94 Cobalt content 9%, grain size 0.3-0.4μm, HRA 93.2-94

产品优势 Product advantages

- 1、4刃设计，较2刃球刀加工效率高1倍，刀具耐用度高1倍
- 2、刀具硬度高，更耐磨
1. 4-blade design, with a processing efficiency twice as high as that of a 2-blade ball cutter, and a tool durability twice as high
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	ap≤0.05-0.1D	ae≤0.02D	70-100	0.015D

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

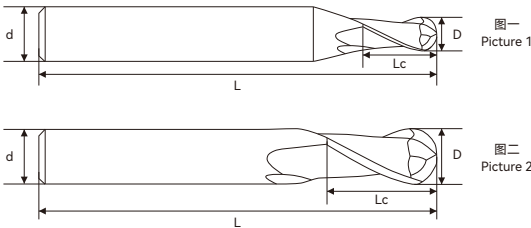
型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*4F	1.5	6	3	50	4
R1.5*6*3D*75L*4F	1.5	6	3	75	4
R1.5*6*3D*100L*4F	1.5	6	3	100	4
R0.5*2*4D*50L*4F	0.5	2	4	50	4
R0.75*3*4D*50L*4F	0.75	3	4	50	4
R1*4*4D*50L*4F	1	4	4	50	4
R1.25*5*4D*50L*4F	1.25	5	4	50	4
R1.5*6*4D*50L*4F	1.5	6	4	50	4
R1.75*7*4D*50L*4F	1.75	7	4	50	4
R2*8*4D*50L*4F	2	8	4	50	4
R2*8*4D*75L*4F	2	8	4	75	4
R2*8*4D*100L*4F	2	8	4	100	4
R2.5*10*5D*50L*4F	2.5	10	5	50	4
R2.5*10*5D*75L*4F	2.5	10	5	75	4
R2.5*10*5D*100L*4F	2.5	10	5	100	4
R2.5*10*6D*50L*4F	2.5	10	6	50	4
R3*12*6D*50L*4F	3	12	6	50	4
R3*12*6D*75L*4F	3	12	6	75	4
R3*12*6D*100L*4F	3	12	6	100	4
R3*12*6D*150L*4F	3	12	6	150	4
R3.5*14*8D*60L*4F	3.5	14	8	60	4
R4*16*8D*60L*4F	4	16	8	60	4
R4*16*8D*75L*4F	4	16	8	75	4
R4*16*8D*100L*4F	4	16	8	100	4
R4*16*8D*150L*4F	4	16	8	150	4
R4.5*18*10D*75L*4F	4.5	18	10	75	4
R5*20*10D*75L*4F	5	20	10	75	4
R5*20*10D*100L*4F	5	20	10	100	4
R5*20*10D*150L*4F	5	20	10	150	4
R5.5*22*12D*75L*4F	5.5	22	12	75	4
R6*24*12D*75L*4F	6	24	12	75	4
R6*24*12D*100L*4F	6	24	12	100	4
R6*24*12D*150L*4F	6	24	12	150	4
R6.5*26*14D*100L*4F	6.5	26	14	100	4
R7*28*14D*80L*4F	7	28	14	80	4
R7*28*14D*100L*4F	7	28	14	100	4
R7*28*14D*150L*4F	7	28	14	150	4
R7.5*30*16D*100L*4F	7.5	30	16	100	4
R8*32*16D*100L*4F	8	32	16	100	4
R8*32*16D*150L*4F	8	32	16	150	4
R9*36*18D*100L*4F	9	36	18	100	4
R9*36*18D*150L*4F	9	36	18	150	4
R10*40*20D*100L*4F	10	40	20	100	4
R10*40*20D*150L*4F	10	40	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

68度钢用2刃球刀
HRC68 2 Flutes Ball Nose End Mill



● 适合加工材料：淬硬钢、冷硬铸铁
Suitable for: Hardened steel, chilled cast iron



材料成分 Material composition

钴含量9%，晶粒度0.3-0.4μm，HRA93.2-94 Cobalt content 9%, grain size 0.3-0.4μm, HRA 93.2-94

产品优势 Product advantages

- 1、2刃设计，较4刃球刀轮廓精度更高，加工零件轮廓更精确
- 2、刀具硬度高，更耐磨
1. 2-blade design, with higher contour accuracy than 4-blade ball cutters, resulting in more precise machining of part contours
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	ap=0.05-0.1D	ae≤0.02D	70-100	0.015D

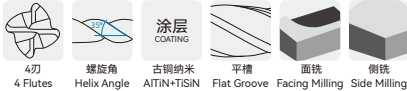
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*2F	1.5	6	3	50	2
R1.5*6*3D*75L*2F	1.5	6	3	75	2
R1.5*6*3D*100L*2F	1.5	6	3	100	2
R0.5*2*4D*50L*2F	0.5	2	4	50	2
R0.75*3*4D*50L*2F	0.75	3	4	50	2
R1*4*4D*50L*2F	1	4	4	50	2
R1.25*5*4D*50L*2F	1.25	5	4	50	2
R1.5*6*4D*50L*2F	1.5	6	4	50	2
R1.75*7*4D*50L*2F	1.75	7	4	50	2
R2*8*4D*50L*2F	2	8	4	50	2
R0.5*2*4D*75L*2F	0.5	2	4	75	2
R0.75*3*4D*75L*2F	0.75	3	4	75	2
R1*4*4D*75L*2F	1	4	4	75	2
R1.25*5*4D*75L*2F	1.25	5	4	75	2
R1.5*6*4D*75L*2F	1.5	6	4	75	2
R2*8*4D*75L*2F	2	8	4	75	2
R2*8*4D*100L*2F	2	8	4	100	2
R2.5*10*5D*50L*2F	2.5	10	5	50	2
R2.5*10*5D*75L*2F	2.5	10	5	75	2
R2.5*10*5D*100L*2F	2.5	10	5	100	2
R0.5*2*6D*50L*2F	0.5	2	6	50	2
R0.75*3*6D*50L*2F	0.75	3	6	50	2
R1*4*6D*50L*2F	1	4	6	50	2
R1.25*5*6D*50L*2F	1.25	5	6	50	2
R1.5*6*6D*50L*2F	1.5	6	6	50	2
R1.75*7*6D*50L*2F	1.75	7	6	50	2
R2*8*6D*50L*2F	2	8	6	50	2
R2.5*10*6D*50L*2F	2.5	10	6	50	2
R3*12*6D*50L*2F	3	12	6	50	2
R3*12*6D*75L*2F	3	12	6	75	2
R3*12*6D*100L*2F	3	12	6	100	2
R3*12*6D*150L*2F	3	12	6	150	2
R3.5*14*8D*60L*2F	3.5	14	8	60	2
R4*16*8D*60L*2F	4	16	8	60	2
R4*16*8D*75L*2F	4	16	8	75	2
R4*16*8D*100L*2F	4	16	8	100	2
R4*16*8D*150L*2F	4	16	8	150	2
R4.5*18*10D*75L*2F	4.5	18	10	75	2
R5*20*10D*75L*2F	5	20	10	75	2
R5*20*10D*100L*2F	5	20	10	100	2
R5*20*10D*150L*2F	5	20	10	150	2
R5.5*22*12D*75L*2F	5.5	22	12	75	2
R6*24*12D*75L*2F	6	24	12	75	2
R6*24*12D*100L*2F	6	24	12	100	2
R6*24*12D*150L*2F	6	24	12	150	2
R7*28*14D*100L*2F	7	28	14	100	2
R7*28*14D*150L*2F	7	28	14	150	2
R8*32*16D*100L*2F	8	32	16	100	2
R8*32*16D*150L*2F	8	32	16	150	2
R9*36*18D*100L*2F	9	36	18	100	2
R9*36*18D*150L*2F	9	36	18	150	2
R10*40*20D*100L*2F	10	40	20	100	2
R10*40*20D*150L*2F	10	40	20	150	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

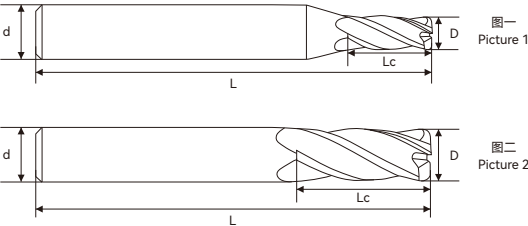
68度钢用4刃圆鼻刀

HRC68 4 Flutes Corner Radius/Bull Nose End Mill



● 适合加工材料：淬硬钢、冷硬铸铁

Suitable for: Hardened steel, chilled cast iron



材料成分 Material composition

钴含量9%，晶粒度0.3-0.4μm，HRA93.2-94

Cobalt content 9%, grain size 0.3-0.4μm, HRA 93.2-94

产品优势 Product advantages

- 1、R刃尖，刃口强度高，不易崩刃
- 2、面铣表面粗糙度比平刀更好
- 3、刀具硬度高，更耐磨
1. R-blade tip, high blade strength, not easily broken blade
2. Surface milling has better surface roughness than flat cutting
3. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	ap≤1.5D	ae≤0.02D	70-100	0.007D

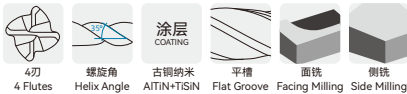
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
3R0.5*8*3D*50L*4F	3	0.5	8	3	50	4
3R0.5*12*3D*75L*4F	3	0.5	12	3	75	4
3R0.5*15*3D*100L*4F	3	0.5	15	3	100	4
3R1*8*3D*50L*4F	3	1	8	3	50	4
3R1*12*3D*75L*4F	3	1	12	3	75	4
3R1*15*3D*100L*4F	3	1	15	3	100	4
1R0.2*3*4D*50L*4F	1	0.2	3	4	50	4
1.5R0.2*4*4D*50L*4F	1.5	0.2	4	4	50	4
2R0.2*5*4D*50L*4F	2	0.2	5	4	50	4
3R0.2*8*4D*50L*4F	3	0.2	8	4	50	4
4R0.2*10*4D*50L*4F	4	0.2	10	4	50	4
2R0.5*5*4D*50L*4F	2	0.5	5	4	50	4
3R0.5*8*4D*50L*4F	3	0.5	8	4	50	4
4R0.5*10*4D*50L*4F	4	0.5	10	4	50	4
4R0.5*16*4D*75L*4F	4	0.5	16	4	75	4
4R0.5*20*4D*100L*4F	4	0.5	20	4	100	4
3R1*8*4D*50L*4F	3	1	8	4	50	4
4R1*10*4D*50L*4F	4	1	10	4	50	4
4R1*16*4D*75L*4F	4	1	16	4	75	4
4R1*20*4D*100L*4F	4	1	20	4	100	4
5R0.5*13*5D*50L*4F	5	0.5	13	5	50	4
5R0.5*20*5D*75L*4F	5	0.5	20	5	75	4
5R0.5*25*5D*100L*4F	5	0.5	25	5	100	4
5R1*13*5D*50L*4F	5	1	13	5	50	4
5R1*20*5D*75L*4F	5	1	20	5	75	4
5R1*25*5D*100L*4F	5	1	25	5	100	4
6R0.2*15*6D*50L*4F	6	0.2	15	6	50	4
5R0.5*13*6D*50L*4F	5	0.5	13	6	50	4
6R0.5*15*6D*50L*4F	6	0.5	15	6	50	4
6R0.5*25*6D*75L*4F	6	0.5	25	6	75	4
6R0.5*30*6D*100L*4F	6	0.5	30	6	100	4
6R0.5*40*6D*150L*4F	6	0.5	40	6	150	4
5R1*13*6D*50L*4F	5	1	13	6	50	4
6R1*15*6D*50L*4F	6	1	15	6	50	4
6R1*25*6D*75L*4F	6	1	25	6	75	4
6R1*30*6D*100L*4F	6	1	30	6	100	4
6R1*40*6D*150L*4F	6	1	40	6	150	4
8R0.2*20*8D*60L*4F	8	0.2	20	8	60	4
8R0.5*20*8D*60L*4F	8	0.5	20	8	60	4
8R0.5*28*8D*75L*4F	8	0.5	28	8	75	4
8R0.5*35*8D*100L*4F	8	0.5	35	8	100	4
8R0.5*50*8D*150L*4F	8	0.5	50	8	150	4
8R1*20*8D*60L*4F	8	1	20	8	60	4
8R1*28*8D*75L*4F	8	1	28	8	75	4
8R1*35*8D*100L*4F	8	1	35	8	100	4
8R1*50*8D*150L*4F	8	1	50	8	150	4
8R2*20*8D*60L*4F	8	2	20	8	60	4
8R2*28*8D*75L*4F	8	2	28	8	75	4
8R2*35*8D*100L*4F	8	2	35	8	100	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

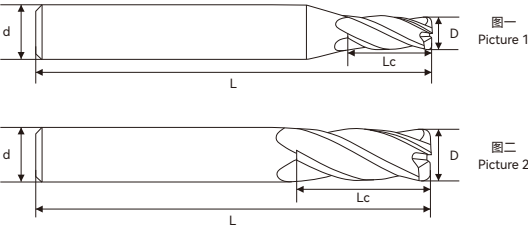
68度钢用4刃圆鼻刀

HRC68 4 Flutes Corner Radius/Bull Nose End Mill



● 适合加工材料：淬硬钢、冷硬铸铁

Suitable for: Hardened steel, chilled cast iron



材料成分 Material composition

钴含量9%，晶粒度0.3-0.4μm，HRA93.2-94

Cobalt content 9%, grain size 0.3-0.4μm, HRA 93.2-94

产品优势 Product advantages

- 1、R刃尖，刃口强度高，不易崩刀
- 2、面铣表面粗糙度比平刀更好
- 3、刀具硬度高，更耐磨
1. R-blade tip, high blade strength, not easily broken blade
2. Surface milling has better surface roughness than flat cutting
3. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	ap≤1.5D	ae≤0.02D	70-100	0.007D

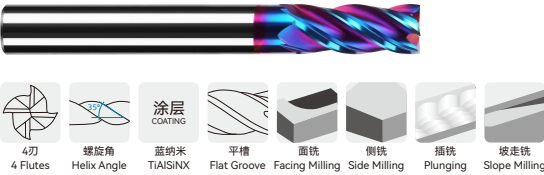
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
8R2*50*8D*150L*4F	8	2	50	8	150	4
8R3*20*8D*60L*4F	8	3	20	8	60	4
8R3*28*8D*75L*4F	8	3	28	8	75	4
8R3*35*8D*100L*4F	8	3	35	8	100	4
8R3*50*8D*150L*4F	8	3	50	8	150	4
10R0.2*25*10D*75L*4F	10	0.2	25	10	75	4
10R0.5*25*10D*75L*4F	10	0.5	25	10	75	4
10R0.5*40*10D*100L*4F	10	0.5	40	10	100	4
10R0.5*50*10D*150L*4F	10	0.5	50	10	150	4
10R1*25*10D*75L*4F	10	1	25	10	75	4
10R1*40*10D*100L*4F	10	1	40	10	100	4
10R1*50*10D*150L*4F	10	1	50	10	150	4
10R1.5*25*10D*75L*4F	10	1.5	25	10	75	4
10R2*25*10D*75L*4F	10	2	25	10	75	4
10R2*40*10D*100L*4F	10	2	40	10	100	4
10R2*50*10D*150L*4F	10	2	50	10	150	4
10R3*25*10D*75L*4F	10	3	25	10	75	4
10R3*40*10D*100L*4F	10	3	40	10	100	4
10R3*50*10D*150L*4F	10	3	50	10	150	4
12R0.2*30*12D*75L*4F	12	0.2	30	12	75	4
12R0.5*30*12D*75L*4F	12	0.5	30	12	75	4
12R0.5*45*12D*100L*4F	12	0.5	45	12	100	4
12R0.5*60*12D*150L*4F	12	0.5	60	12	150	4
12R1*30*12D*75L*4F	12	1	30	12	75	4
12R1*45*12D*100L*4F	12	1	45	12	100	4
12R1*60*12D*150L*4F	12	1	60	12	150	4
12R1.5*30*12D*75L*4F	12	1.5	30	12	75	4
12R2*30*12D*75L*4F	12	2	30	12	75	4
12R2*45*12D*100L*4F	12	2	45	12	100	4
12R2*60*12D*150L*4F	12	2	60	12	150	4
12R3*30*12D*75L*4F	12	3	30	12	75	4
12R3*45*12D*100L*4F	12	3	45	12	100	4
12R3*60*12D*150L*4F	12	3	60	12	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

65度钢用4刃平刀

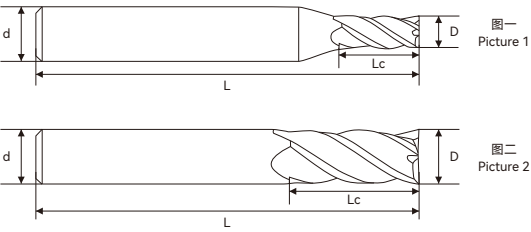
HRC65 4 Flutes Flat/Square End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢、淬火件、高硬钢材
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

- 1、较2刃加工效率和刀具寿命翻倍
- 2、刀具硬度高，更耐磨
- 3、适用于加工多种材料

1. Double the machining efficiency and tool life compared to two blade machining
2. The tool has high hardness and is more wear-resistant
3. Suitable for processing various materials

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.1D	120	0.006D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1.5D	ae≤0.1D	80	0.0035D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.1D	120	0.0055D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

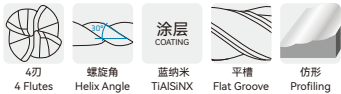
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*4F	3	8	3	50	4
3*12*3D*75L*4F	3	12	3	75	4
3*15*3D*100L*4F	3	15	3	100	4
1*3*4D*50L*4F	1	3	4	50	4
1.5*4*4D*50L*4F	1.5	4	4	50	4
2*5*4D*50L*4F	2	5	4	50	4
2.5*7*4D*50L*4F	2.5	7	4	50	4
3*8*4D*50L*4F	3	8	4	50	4
3.5*10*4D*50L*4F	3.5	10	4	50	4
4*10*4D*50L*4F	4	10	4	50	4
4*16*4D*75L*4F	4	16	4	75	4
4*20*4D*100L*4F	4	20	4	100	4
5*13*5D*50L*4F	5	13	5	50	4
5*20*5D*75L*4F	5	20	5	75	4
5*25*5D*100L*4F	5	25	5	100	4
1*3*6D*50L*4F	1	3	6	50	4
1.5*4*6D*50L*4F	1.5	4	6	50	4
2*5*6D*50L*4F	2	5	6	50	4
2.5*7*6D*50L*4F	2.5	7	6	50	4
3*8*6D*50L*4F	3	8	6	50	4
3.5*10*6D*50L*4F	3.5	10	6	50	4
4*10*6D*50L*4F	4	10	6	50	4
4.5*12*6D*50L*4F	4.5	12	6	50	4
5*13*6D*50L*4F	5	13	6	50	4
6*15*6D*50L*4F	6	15	6	50	4
6*25*6D*75L*4F	6	25	6	75	4
6*30*6D*100L*4F	6	30	6	100	4
6*40*6D*150L*4F	6	40	6	150	4
7*18*8D*60L*4F	7	18	8	60	4
8*20*8D*60L*4F	8	20	8	60	4
8*28*8D*75L*4F	8	28	8	75	4
8*35*8D*100L*4F	8	35	8	100	4
8*50*8D*150L*4F	8	50	8	150	4
9*23*10D*75L*4F	9	23	10	75	4
10*25*10D*75L*4F	10	25	10	75	4
10*40*10D*100L*4F	10	40	10	100	4
10*50*10D*150L*4F	10	50	10	150	4
11*28*12D*75L*4F	11	28	12	75	4
12*30*12D*75L*4F	12	30	12	75	4
12*45*12D*100L*4F	12	45	12	100	4
12*60*12D*150L*4F	12	60	12	150	4
14*45*14D*100L*4F	14	45	14	100	4
14*60*14D*150L*4F	14	60	14	150	4
16*45*16D*100L*4F	16	45	16	100	4
16*60*16D*150L*4F	16	60	16	150	4
18*45*18D*100L*4F	18	45	18	100	4
18*70*18D*150L*4F	18	70	18	150	4
20*45*20D*100L*4F	20	45	20	100	4
20*70*20D*150L*4F	20	70	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

65度钢用4刃球刀

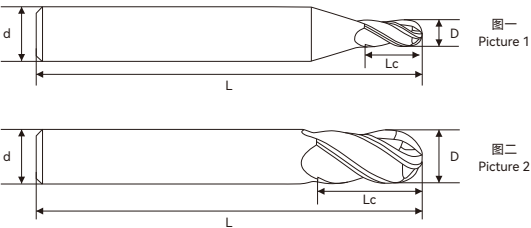
HRC65 4 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

- 1. The blade has a negative front angle design, which is strong and not prone to breakage
- 2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤0.2D	ae≤0.2D	120	0.004D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤0.1D	ae≤0.1D	80	0.004D
M	不锈钢 Stainless Steels	ap≤0.2D	ae≤0.2D	80	0.004D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤0.2D	ae≤0.2D	120	0.004D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*4F	1.5	6	3	50	4
R1.5*6*3D*75L*4F	1.5	6	3	75	4
R1.5*6*3D*100L*4F	1.5	6	3	100	4
R0.5*2*4D*50L*4F	0.5	2	4	50	4
R0.75*3*4D*50L*4F	0.75	3	4	50	4
R1*4*4D*50L*4F	1	4	4	50	4
R1.25*5*4D*50L*4F	1.25	5	4	50	4
R1.5*6*4D*50L*4F	1.5	6	4	50	4
R1.75*7*4D*50L*4F	1.75	7	4	50	4
R2*8*4D*50L*4F	2	8	4	50	4
R2*8*4D*75L*4F	2	8	4	75	4
R2*8*4D*100L*4F	2	8	4	100	4
R2.5*10*5D*50L*4F	2.5	10	5	50	4
R2.5*10*5D*75L*4F	2.5	10	5	75	4
R2.5*10*5D*100L*4F	2.5	10	5	100	4
R2.5*10*6D*50L*4F	2.5	10	6	50	4
R3*12*6D*50L*4F	3	12	6	50	4
R3*12*6D*75L*4F	3	12	6	75	4
R3*12*6D*100L*4F	3	12	6	100	4
R3*12*6D*150L*4F	3	12	6	150	4
R3.5*14*8D*60L*4F	3.5	14	8	60	4
R4*16*8D*60L*4F	4	16	8	60	4
R4*16*8D*75L*4F	4	16	8	75	4
R4*16*8D*100L*4F	4	16	8	100	4
R4*16*8D*150L*4F	4	16	8	150	4
R4.5*18*10D*75L*4F	4.5	18	10	75	4
R5*20*10D*75L*4F	5	20	10	75	4
R5*20*10D*100L*4F	5	20	10	100	4
R5*20*10D*150L*4F	5	20	10	150	4
R5.5*22*12D*75L*4F	5.5	22	12	75	4
R6*24*12D*75L*4F	6	24	12	75	4
R6*24*12D*100L*4F	6	24	12	100	4
R6*24*12D*150L*4F	6	24	12	150	4
R6.5*26*14D*100L*4F	6.5	26	14	100	4
R7*28*14D*80L*4F	7	28	14	80	4
R7*28*14D*100L*4F	7	28	14	100	4
R7*28*14D*150L*4F	7	28	14	150	4
R7.5*30*16D*100L*4F	7.5	30	16	100	4
R8*32*16D*100L*4F	8	32	16	100	4
R8*32*16D*150L*4F	8	32	16	150	4
R9*36*18D*100L*4F	9	36	18	100	4
R9*36*18D*150L*4F	9	36	18	150	4
R10*40*20D*100L*4F	10	40	20	100	4
R10*40*20D*150L*4F	10	40	20	150	4

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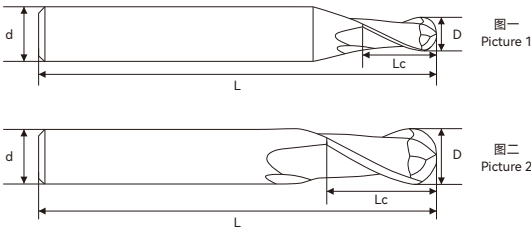
65度钢用2刃球刀
HRC65 2 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



产品优势 Product advantages

- 1、2刃设计，较4刃球刀轮廓精度更高，加工零件轮廓更精确
- 2、刀具硬度高，更耐磨

1. 2-blade design, with higher contour accuracy than 4-blade ball cutters, resulting in more precise machining of part contours
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤0.2D	ae≤0.2D	120	0.004D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤0.1D	ae≤0.1D	80	0.004D
M	不锈钢 Stainless Steels	ap≤0.2D	ae≤0.2D	80	0.004D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤0.2D	ae≤0.2D	120	0.004D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

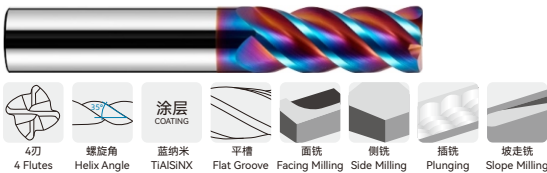
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型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*2F	1.5	6	3	50	2
R1.5*6*3D*75L*2F	1.5	6	3	75	2
R1.5*6*3D*100L*2F	1.5	6	3	100	2
R0.5*2*4D*50L*2F	0.5	2	4	50	2
R0.75*3*4D*50L*2F	0.75	3	4	50	2
R1*4*4D*50L*2F	1	4	4	50	2
R1.25*5*4D*50L*2F	1.25	5	4	50	2
R1.5*6*4D*50L*2F	1.5	6	4	50	2
R1.75*7*4D*50L*2F	1.75	7	4	50	2
R2*8*4D*50L*2F	2	8	4	50	2
R0.5*2*4D*75L*2F	0.5	2	4	75	2
R0.75*3*4D*75L*2F	0.75	3	4	75	2
R1*4*4D*75L*2F	1	4	4	75	2
R1.25*5*4D*75L*2F	1.25	5	4	75	2
R1.5*6*4D*75L*2F	1.5	6	4	75	2
R2*8*4D*75L*2F	2	8	4	75	2
R2*8*4D*100L*2F	2	8	4	100	2
R2.5*10*5D*50L*2F	2.5	10	5	50	2
R2.5*10*5D*75L*2F	2.5	10	5	75	2
R2.5*10*5D*100L*2F	2.5	10	5	100	2
R0.5*2*6D*50L*2F	0.5	2	6	50	2
R0.75*3*6D*50L*2F	0.75	3	6	50	2
R1*4*6D*50L*2F	1	4	6	50	2
R1.25*5*6D*50L*2F	1.25	5	6	50	2
R1.5*6*6D*50L*2F	1.5	6	6	50	2
R1.75*7*6D*50L*2F	1.75	7	6	50	2
R2*8*6D*50L*2F	2	8	6	50	2
R2.5*10*6D*50L*2F	2.5	10	6	50	2
R3*12*6D*50L*2F	3	12	6	50	2
R3*12*6D*75L*2F	3	12	6	75	2
R3*12*6D*100L*2F	3	12	6	100	2
R3*12*6D*150L*2F	3	12	6	150	2
R3.5*14*8D*60L*2F	3.5	14	8	60	2
R4*16*8D*60L*2F	4	16	8	60	2
R4*16*8D*75L*2F	4	16	8	75	2
R4*16*8D*100L*2F	4	16	8	100	2
R4*16*8D*150L*2F	4	16	8	150	2
R4.5*18*10D*75L*2F	4.5	18	10	75	2
R5*20*10D*75L*2F	5	20	10	75	2
R5*20*10D*100L*2F	5	20	10	100	2
R5*20*10D*150L*2F	5	20	10	150	2
R5.5*22*12D*75L*2F	5.5	22	12	75	2
R6*24*12D*75L*2F	6	24	12	75	2
R6*24*12D*100L*2F	6	24	12	100	2
R6*24*12D*150L*2F	6	24	12	150	2
R7*28*14D*100L*2F	7	28	14	100	2
R7*28*14D*150L*2F	7	28	14	150	2
R8*32*16D*100L*2F	8	32	16	100	2
R8*32*16D*150L*2F	8	32	16	150	2
R9*36*18D*100L*2F	9	36	18	100	2
R9*36*18D*150L*2F	9	36	18	150	2
R10*40*20D*100L*2F	10	40	20	100	2
R10*40*20D*150L*2F	10	40	20	150	2

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65度钢用4刃圆鼻刀

HRC65 4 Flutes Corner Radius/Bull Nose End Mill

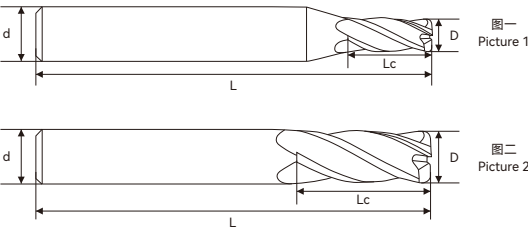


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

- 1、R刃尖，刃口强度高，不易崩刀，更耐磨，寿命更好
- 2、面铣表面粗糙度比平刀更好
- 3、刀具硬度高，更耐磨
- 4、适用于加工多种材料

1. R-blade tip, high blade strength, less prone to breakage, more wear-resistant, and longer lifespan
2. Surface milling has better surface roughness than flat cutting
3. The tool has high hardness and is more wear-resistant
4. Suitable for processing various materials

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.1D	120	0.006D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1.5D	ae≤0.1D	80	0.0035D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.1D	120	0.0055D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

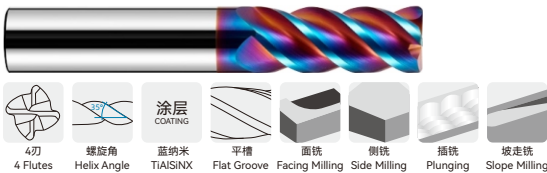
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型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
3R0.5*8*3D*50L*4F	3	0.5	8	3	50	4
3R0.5*12*3D*75L*4F	3	0.5	12	3	75	4
3R0.5*15*3D*100L*4F	3	0.5	15	3	100	4
3R1*8*3D*50L*4F	3	1	8	3	50	4
3R1*12*3D*75L*4F	3	1	12	3	75	4
3R1*15*3D*100L*4F	3	1	15	3	100	4
1R0.2*3*4D*50L*4F	1	0.2	3	4	50	4
1.5R0.2*4*4D*50L*4F	1.5	0.2	4	4	50	4
2R0.2*5*4D*50L*4F	2	0.2	5	4	50	4
3R0.2*8*4D*50L*4F	3	0.2	8	4	50	4
4R0.2*10*4D*50L*4F	4	0.2	10	4	50	4
2R0.5*5*4D*50L*4F	2	0.5	5	4	50	4
3R0.5*8*4D*50L*4F	3	0.5	8	4	50	4
4R0.5*10*4D*50L*4F	4	0.5	10	4	50	4
4R0.5*16*4D*75L*4F	4	0.5	16	4	75	4
4R0.5*20*4D*100L*4F	4	0.5	20	4	100	4
3R1*8*4D*50L*4F	3	1	8	4	50	4
4R1*10*4D*50L*4F	4	1	10	4	50	4
4R1*16*4D*75L*4F	4	1	16	4	75	4
4R1*20*4D*100L*4F	4	1	20	4	100	4
5R0.5*13*5D*50L*4F	5	0.5	13	5	50	4
5R0.5*20*5D*75L*4F	5	0.5	20	5	75	4
5R0.5*25*5D*100L*4F	5	0.5	25	5	100	4
5R1*13*5D*50L*4F	5	1	13	5	50	4
5R1*20*5D*75L*4F	5	1	20	5	75	4
5R1*25*5D*100L*4F	5	1	25	5	100	4
6R0.2*15*6D*50L*4F	6	0.2	15	6	50	4
5R0.5*13*6D*50L*4F	5	0.5	13	6	50	4
6R0.5*15*6D*50L*4F	6	0.5	15	6	50	4
6R0.5*25*6D*75L*4F	6	0.5	25	6	75	4
6R0.5*30*6D*100L*4F	6	0.5	30	6	100	4
6R0.5*40*6D*150L*4F	6	0.5	40	6	150	4
5R1*13*6D*50L*4F	5	1	13	6	50	4
6R1*15*6D*50L*4F	6	1	15	6	50	4
6R1*25*6D*75L*4F	6	1	25	6	75	4
6R1*30*6D*100L*4F	6	1	30	6	100	4
6R1*40*6D*150L*4F	6	1	40	6	150	4
8R0.2*20*8D*60L*4F	8	0.2	20	8	60	4
8R0.5*20*8D*60L*4F	8	0.5	20	8	60	4
8R0.5*28*8D*75L*4F	8	0.5	28	8	75	4
8R0.5*35*8D*100L*4F	8	0.5	35	8	100	4
8R0.5*50*8D*150L*4F	8	0.5	50	8	150	4
8R1*20*8D*60L*4F	8	1	20	8	60	4
8R1*28*8D*75L*4F	8	1	28	8	75	4
8R1*35*8D*100L*4F	8	1	35	8	100	4
8R1*50*8D*150L*4F	8	1	50	8	150	4
8R2*20*8D*60L*4F	8	2	20	8	60	4
8R2*28*8D*75L*4F	8	2	28	8	75	4
8R2*35*8D*100L*4F	8	2	35	8	100	4

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65度钢用4刃圆鼻刀

HRC65 4 Flutes Corner Radius/Bull Nose End Mill

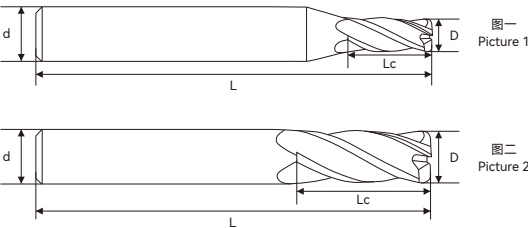


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
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材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

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适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.1D	120	0.006D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1.5D	ae≤0.1D	80	0.0035D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.1D	120	0.0055D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

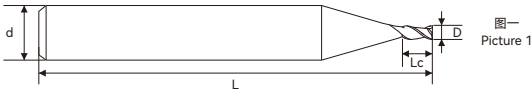
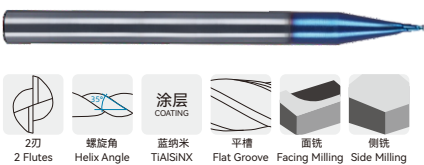
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型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
8R2*50*8D*150L*4F	8	2	50	8	150	4
8R3*20*8D*60L*4F	8	3	20	8	60	4
8R3*28*8D*75L*4F	8	3	28	8	75	4
8R3*35*8D*100L*4F	8	3	35	8	100	4
8R3*50*8D*150L*4F	8	3	50	8	150	4
10R0.2*25*10D*75L*4F	10	0.2	25	10	75	4
10R0.5*25*10D*75L*4F	10	0.5	25	10	75	4
10R0.5*40*10D*100L*4F	10	0.5	40	10	100	4
10R0.5*50*10D*150L*4F	10	0.5	50	10	150	4
10R1*25*10D*75L*4F	10	1	25	10	75	4
10R1*40*10D*100L*4F	10	1	40	10	100	4
10R1*50*10D*150L*4F	10	1	50	10	150	4
10R1.5*25*10D*75L*4F	10	1.5	25	10	75	4
10R2*25*10D*75L*4F	10	2	25	10	75	4
10R2*40*10D*100L*4F	10	2	40	10	100	4
10R2*50*10D*150L*4F	10	2	50	10	150	4
10R3*25*10D*75L*4F	10	3	25	10	75	4
10R3*40*10D*100L*4F	10	3	40	10	100	4
10R3*50*10D*150L*4F	10	3	50	10	150	4
12R0.2*30*12D*75L*4F	12	0.2	30	12	75	4
12R0.5*30*12D*75L*4F	12	0.5	30	12	75	4
12R0.5*45*12D*100L*4F	12	0.5	45	12	100	4
12R0.5*60*12D*150L*4F	12	0.5	60	12	150	4
12R1*30*12D*75L*4F	12	1	30	12	75	4
12R1*45*12D*100L*4F	12	1	45	12	100	4
12R1*60*12D*150L*4F	12	1	60	12	150	4
12R1.5*30*12D*75L*4F	12	1.5	30	12	75	4
12R2*30*12D*75L*4F	12	2	30	12	75	4
12R2*45*12D*100L*4F	12	2	45	12	100	4
12R2*60*12D*150L*4F	12	2	60	12	150	4
12R3*30*12D*75L*4F	12	3	30	12	75	4
12R3*45*12D*100L*4F	12	3	45	12	100	4
12R3*60*12D*150L*4F	12	3	60	12	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

65度2刃微径平刀

HRC65 2 Flutes Micro Flat/Square End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93

Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

两刃设计，排屑槽空间大，排屑顺畅，刀具寿命稳定

Two blade design, large chip groove space, smooth chip removal, stable tool life

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	11-28	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

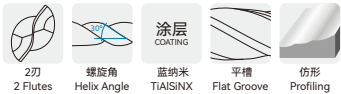
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
0.2*0.4*4D*50L*2F	0.2	0.4	4	50	2
0.3*0.6*4D*50L*2F	0.3	0.6	4	50	2
0.4*0.8*4D*50L*2F	0.4	0.8	4	50	2
0.5*1*4D*50L*2F	0.5	1	4	50	2
0.6*1.2*4D*50L*2F	0.6	1.2	4	50	2
0.7*1.4*4D*50L*2F	0.7	1.4	4	50	2
0.8*1.6*4D*50L*2F	0.8	1.6	4	50	2
0.9*1.8*4D*50L*2F	0.9	1.8	4	50	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

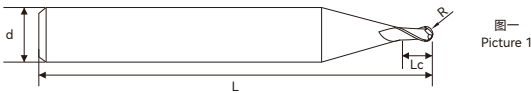
65度2刃微径球刀

HRC65 2 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel



图一
Picture 1

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93

Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

2刃球刀，适用于各种曲面仿形

Two blade ball cutter: suitable for various surface
profiling

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R0.1*0.4*4D*50L*2F	0.1	0.4	4	50	2
R0.15*0.6*4D*50L*2F	0.15	0.6	4	50	2
R0.2*0.8*4D*50L*2F	0.2	0.8	4	50	2
R0.25*1*4D*50L*2F	0.25	1	4	50	2
R0.3*1.2*4D*50L*2F	0.3	1.2	4	50	2
R0.35*1.4*4D*50L*2F	0.35	1.4	4	50	2
R0.4*1.6*4D*50L*2F	0.4	1.6	4	50	2
R0.45*1.8*4D*50L*2F	0.45	1.8	4	50	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

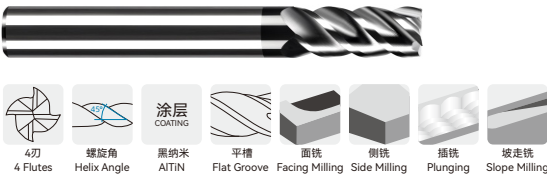
适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

60度钢用4刃平刀

HRC60 4 Flutes Flat/Square End Mill

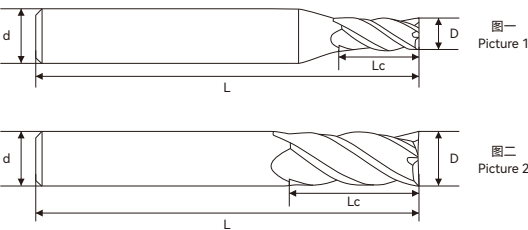


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

- 1. The blade has a negative front angle design, which is strong and not prone to breakage
- 2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.1D	120	0.006D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1.5D	ae≤0.1D	80	0.0035D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.1D	120	0.0055D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*4F	3	8	3	50	4
3*12*3D*75L*4F	3	12	3	75	4
3*15*3D*100L*4F	3	15	3	100	4
1*3*4D*50L*4F	1	3	4	50	4
1.5*4*4D*50L*4F	1.5	4	4	50	4
2*5*4D*50L*4F	2	5	4	50	4
2.5*7*4D*50L*4F	2.5	7	4	50	4
3*8*4D*50L*4F	3	8	4	50	4
3.5*10*4D*50L*4F	3.5	10	4	50	4
4*10*4D*50L*4F	4	10	4	50	4
1*3*4D*75L*4F	4	16	4	75	4
2*5*4D*75L*4F	4	16	4	75	4
3*8*4D*75L*4F	4	16	4	75	4
4*16*4D*75L*4F	4	16	4	75	4
4*20*4D*100L*4F	4	20	4	100	4
5*13*5D*50L*4F	5	13	5	50	4
5*20*5D*75L*4F	5	20	5	75	4
5*25*5D*100L*4F	5	25	5	100	4
1*3*6D*50L*4F	1	3	6	50	4
1.5*4*6D*50L*4F	1.5	4	6	50	4
2*5*6D*50L*4F	2	5	6	50	4
2.5*7*6D*50L*4F	2.5	7	6	50	4
3*8*6D*50L*4F	3	8	6	50	4
3.5*10*6D*50L*4F	3.5	10	6	50	4
4*10*6D*50L*4F	4	10	6	50	4
4.5*12*6D*50L*4F	4.5	12	6	50	4
5*13*6D*50L*4F	5	13	6	50	4
6*15*6D*50L*4F	6	15	6	50	4
6*25*6D*75L*4F	6	25	6	75	4
6*30*6D*100L*4F	6	30	6	100	4
6*40*6D*150L*4F	6	40	6	150	4
7*18*8D*60L*4F	7	18	8	60	4
8*20*8D*60L*4F	8	20	8	60	4
8*28*8D*75L*4F	8	28	8	75	4
8*35*8D*100L*4F	8	35	8	100	4
8*50*8D*150L*4F	8	50	8	150	4
9*23*10D*75L*4F	9	23	10	75	4
10*25*10D*75L*4F	10	25	10	75	4
10*40*10D*100L*4F	10	40	10	100	4
10*50*10D*150L*4F	10	50	10	150	4
11*28*12D*75L*4F	11	28	12	75	4
12*30*12D*75L*4F	12	30	12	75	4
12*45*12D*100L*4F	12	45	12	100	4
12*60*12D*150L*4F	12	60	12	150	4
14*45*14D*100L*4F	14	45	14	100	4
14*60*14D*150L*4F	14	60	14	150	4
16*45*16D*100L*4F	16	45	16	100	4
16*60*16D*150L*4F	16	60	16	150	4
18*45*18D*100L*4F	18	45	18	100	4
18*70*18D*150L*4F	18	70	18	150	4
20*45*20D*100L*4F	20	45	20	100	4
20*70*20D*150L*4F	20	70	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

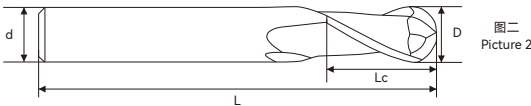
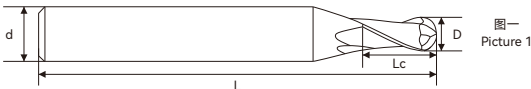
60度钢用2刃球刀
HRC60 2 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

- 1. The blade has a negative front angle design, which is strong and not prone to breakage
- 2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤0.2D	ae≤0.2D	120	0.004D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤0.1D	ae≤0.1D	80	0.004D
M	不锈钢 Stainless Steels	ap≤0.2D	ae≤0.2D	80	0.004D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤0.2D	ae≤0.2D	120	0.004D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*2F	1.5	6	3	50	2
R1.5*6*3D*75L*2F	1.5	6	3	75	2
R1.5*6*3D*100L*2F	1.5	6	3	100	2
R0.5*2*4D*50L*2F	0.5	2	4	50	2
R0.75*3*4D*50L*2F	0.75	3	4	50	2
R1*4*4D*50L*2F	1	4	4	50	2
R1.25*5*4D*50L*2F	1.25	5	4	50	2
R1.5*6*4D*50L*2F	1.5	6	4	50	2
R1.75*7*4D*50L*2F	1.75	7	4	50	2
R2*8*4D*50L*2F	2	8	4	50	2
R0.5*2*4D*75L*2F	0.5	2	4	75	2
R0.75*3*4D*75L*2F	0.75	3	4	75	2
R1*4*4D*75L*2F	1	4	4	75	2
R1.25*5*4D*75L*2F	1.25	5	4	75	2
R1.5*6*4D*75L*2F	1.5	6	4	75	2
R2*8*4D*75L*2F	2	8	4	75	2
R2*8*4D*100L*2F	2	8	4	100	2
R2.5*10*5D*50L*2F	2.5	10	5	50	2
R2.5*10*5D*75L*2F	2.5	10	5	75	2
R2.5*10*5D*100L*2F	2.5	10	5	100	2
R0.5*2*6D*50L*2F	0.5	2	6	50	2
R0.75*3*6D*50L*2F	0.75	3	6	50	2
R1*4*6D*50L*2F	1	4	6	50	2
R1.25*5*6D*50L*2F	1.25	5	6	50	2
R1.5*6*6D*50L*2F	1.5	6	6	50	2
R1.75*7*6D*50L*2F	1.75	7	6	50	2
R2*8*6D*50L*2F	2	8	6	50	2
R2.5*10*6D*50L*2F	2.5	10	6	50	2
R3*12*6D*50L*2F	3	12	6	50	2
R3*12*6D*75L*2F	3	12	6	75	2
R3*12*6D*100L*2F	3	12	6	100	2
R3*12*6D*150L*2F	3	12	6	150	2
R3.5*14*8D*60L*2F	3.5	14	8	60	2
R4*16*8D*60L*2F	4	16	8	60	2
R4*16*8D*75L*2F	4	16	8	75	2
R4*16*8D*100L*2F	4	16	8	100	2
R4*16*8D*150L*2F	4	16	8	150	2
R4.5*18*10D*75L*2F	4.5	18	10	75	2
R5*20*10D*75L*2F	5	20	10	75	2
R5*20*10D*100L*2F	5	20	10	100	2
R5*20*10D*150L*2F	5	20	10	150	2
R5.5*22*12D*75L*2F	5.5	22	12	75	2
R6*24*12D*75L*2F	6	24	12	75	2
R6*24*12D*100L*2F	6	24	12	100	2
R6*24*12D*150L*2F	6	24	12	150	2
R7*28*14D*100L*2F	7	28	14	100	2
R7*28*14D*150L*2F	7	28	14	150	2
R8*32*16D*100L*2F	8	32	16	100	2
R8*32*16D*150L*2F	8	32	16	150	2
R9*36*18D*100L*2F	9	36	18	100	2
R9*36*18D*150L*2F	9	36	18	150	2
R10*40*20D*100L*2F	10	40	20	100	2
R10*40*20D*150L*2F	10	40	20	150	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

60度钢用4刃圆鼻刀

HRC60 4 Flutes Corner Radius/Bull Nose End Mill

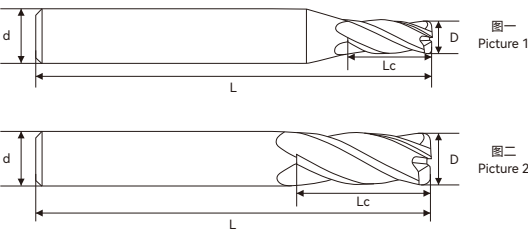


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.1D	120	0.006D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1.5D	ae≤0.1D	80	0.0035D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.1D	120	0.0055D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
3R0.5*8*3D*50L*4F	3	0.5	8	3	50	4
3R0.5*12*3D*75L*4F	3	0.5	12	3	75	4
3R0.5*15*3D*100L*4F	3	0.5	15	3	100	4
3R1*8*3D*50L*4F	3	1	8	3	50	4
3R1*12*3D*75L*4F	3	1	12	3	75	4
3R1*15*3D*100L*4F	3	1	15	3	100	4
1R0.2*3*4D*50L*4F	1	0.2	3	4	50	4
1.5R0.2*4*4D*50L*4F	1.5	0.2	4	4	50	4
2R0.2*5*4D*50L*4F	2	0.2	5	4	50	4
3R0.2*8*4D*50L*4F	3	0.2	8	4	50	4
4R0.2*10*4D*50L*4F	4	0.2	10	4	50	4
2R0.5*5*4D*50L*4F	2	0.5	5	4	50	4
3R0.5*8*4D*50L*4F	3	0.5	8	4	50	4
4R0.5*10*4D*50L*4F	4	0.5	10	4	50	4
4R0.5*16*4D*75L*4F	4	0.5	16	4	75	4
4R0.5*20*4D*100L*4F	4	0.5	20	4	100	4
3R1*8*4D*50L*4F	3	1	8	4	50	4
4R1*10*4D*50L*4F	4	1	10	4	50	4
4R1*16*4D*75L*4F	4	1	16	4	75	4
4R1*20*4D*100L*4F	4	1	20	4	100	4
5R0.5*13*5D*50L*4F	5	0.5	13	5	50	4
5R0.5*20*5D*75L*4F	5	0.5	20	5	75	4
5R0.5*25*5D*100L*4F	5	0.5	25	5	100	4
5R1*13*5D*50L*4F	5	1	13	5	50	4
5R1*20*5D*75L*4F	5	1	20	5	75	4
5R1*25*5D*100L*4F	5	1	25	5	100	4
6R0.2*15*6D*50L*4F	6	0.2	15	6	50	4
5R0.5*13*6D*50L*4F	5	0.5	13	6	50	4
6R0.5*15*6D*50L*4F	6	0.5	15	6	50	4
6R0.5*25*6D*75L*4F	6	0.5	25	6	75	4
6R0.5*30*6D*100L*4F	6	0.5	30	6	100	4
6R0.5*40*6D*150L*4F	6	0.5	40	6	150	4
5R1*13*6D*50L*4F	5	1	13	6	50	4
6R1*15*6D*50L*4F	6	1	15	6	50	4
6R1*25*6D*75L*4F	6	1	25	6	75	4
6R1*30*6D*100L*4F	6	1	30	6	100	4
6R1*40*6D*150L*4F	6	1	40	6	150	4
8R0.2*20*8D*60L*4F	8	0.2	20	8	60	4
8R0.5*20*8D*60L*4F	8	0.5	20	8	60	4
8R0.5*28*8D*75L*4F	8	0.5	28	8	75	4
8R0.5*35*8D*100L*4F	8	0.5	35	8	100	4
8R0.5*50*8D*150L*4F	8	0.5	50	8	150	4
8R1*20*8D*60L*4F	8	1	20	8	60	4
8R1*28*8D*75L*4F	8	1	28	8	75	4
8R1*35*8D*100L*4F	8	1	35	8	100	4
8R1*50*8D*150L*4F	8	1	50	8	150	4
8R2*20*8D*60L*4F	8	2	20	8	60	4
8R2*28*8D*75L*4F	8	2	28	8	75	4
8R2*35*8D*100L*4F	8	2	35	8	100	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

60度钢用4刃圆鼻刀

HRC60 4 Flutes Corner Radius/Bull Nose End Mill

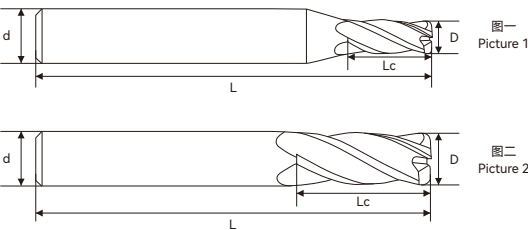


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93



Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

- 1. The blade has a negative front angle design, which is strong and not prone to breakage
- 2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.1D	120	0.006D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)	ap≤1.5D	ae≤0.1D	80	0.0035D
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.1D	120	0.0055D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

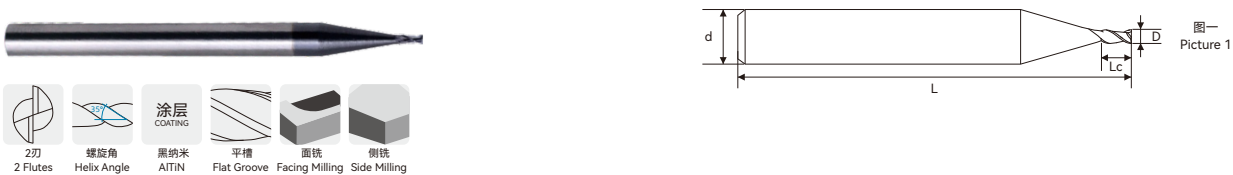
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
8R2*50*8D*150L*4F	8	2	50	8	150	4
8R3*20*8D*60L*4F	8	3	20	8	60	4
8R3*28*8D*75L*4F	8	3	28	8	75	4
8R3*35*8D*100L*4F	8	3	35	8	100	4
8R3*50*8D*150L*4F	8	3	50	8	150	4
10R0.2*25*10D*75L*4F	10	0.2	25	10	75	4
10R0.5*25*10D*75L*4F	10	0.5	25	10	75	4
10R0.5*40*10D*100L*4F	10	0.5	40	10	100	4
10R0.5*50*10D*150L*4F	10	0.5	50	10	150	4
10R1*25*10D*75L*4F	10	1	25	10	75	4
10R1*40*10D*100L*4F	10	1	40	10	100	4
10R1*50*10D*150L*4F	10	1	50	10	150	4
10R1.5*25*10D*75L*4F	10	1.5	25	10	75	4
10R2*25*10D*75L*4F	10	2	25	10	75	4
10R2*40*10D*100L*4F	10	2	40	10	100	4
10R2*50*10D*150L*4F	10	2	50	10	150	4
10R3*25*10D*75L*4F	10	3	25	10	75	4
10R3*40*10D*100L*4F	10	3	40	10	100	4
10R3*50*10D*150L*4F	10	3	50	10	150	4
12R0.2*30*12D*75L*4F	12	0.2	30	12	75	4
12R0.5*30*12D*75L*4F	12	0.5	30	12	75	4
12R0.5*45*12D*100L*4F	12	0.5	45	12	100	4
12R0.5*60*12D*150L*4F	12	0.5	60	12	150	4
12R1*30*12D*75L*4F	12	1	30	12	75	4
12R1*45*12D*100L*4F	12	1	45	12	100	4
12R1*60*12D*150L*4F	12	1	60	12	150	4
12R1.5*30*12D*75L*4F	12	1.5	30	12	75	4
12R2*30*12D*75L*4F	12	2	30	12	75	4
12R2*45*12D*100L*4F	12	2	45	12	100	4
12R2*60*12D*150L*4F	12	2	60	12	150	4
12R3*30*12D*75L*4F	12	3	30	12	75	4
12R3*45*12D*100L*4F	12	3	45	12	100	4
12R3*60*12D*150L*4F	12	3	60	12	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

60度2刃微径平刀

HRC60 2 Flutes Micro Flat/Square End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93

Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

两刃设计，排屑槽空间大，排屑顺畅，刀具寿命稳定

Two blade design, large chip groove space, smooth chip removal, stable tool life

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
0.2*0.4*4D*50L*2F	0.2	0.4	4	50	2
0.3*0.6*4D*50L*2F	0.3	0.6	4	50	2
0.4*0.8*4D*50L*2F	0.4	0.8	4	50	2
0.5*1*4D*50L*2F	0.5	1	4	50	2
0.6*1.2*4D*50L*2F	0.6	1.2	4	50	2
0.7*1.4*4D*50L*2F	0.7	1.4	4	50	2
0.8*1.6*4D*50L*2F	0.8	1.6	4	50	2
0.9*1.8*4D*50L*2F	0.9	1.8	4	50	2

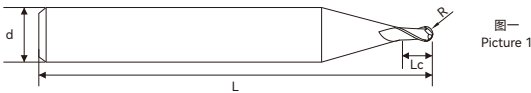
常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

60度2刃微径球刀

HRC60 2 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
预硬钢、调质钢
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron,
pre-hardened steel, quenched and tempered steel



图一
Picture 1

材料成分 Material composition

钴含量12%，晶粒度0.4μm，HRA92.5-93

Cobalt content 12%, grain size 0.4 μm, HRA92.5-93

产品优势 Product advantages

2刃球刀，适用于各种曲面仿形

Two blade ball cutter: suitable for various surface
profiling

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

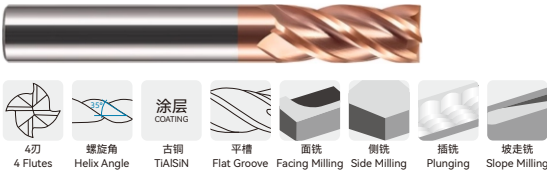
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R0.1*0.4*4D*50L*2F	0.1	0.4	4	50	2
R0.15*0.6*4D*50L*2F	0.15	0.6	4	50	2
R0.2*0.8*4D*50L*2F	0.2	0.8	4	50	2
R0.25*1*4D*50L*2F	0.25	1	4	50	2
R0.3*1.2*4D*50L*2F	0.3	1.2	4	50	2
R0.35*1.4*4D*50L*2F	0.35	1.4	4	50	2
R0.4*1.6*4D*50L*2F	0.4	1.6	4	50	2
R0.45*1.8*4D*50L*2F	0.45	1.8	4	50	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

58度钢用4刃平刀

HRC58 4 Flutes Flat/Square End Mill

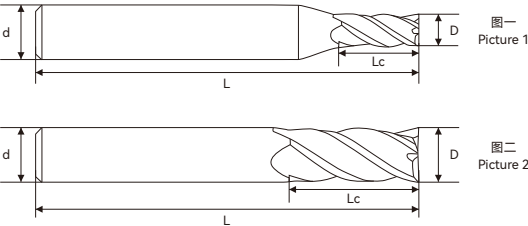


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron

材料成分 Material composition

钴含量10%，晶粒度0.8μm，HRA91.5-92



Cobalt content 10%, grain size 0.8 μm, HRA91.5-92

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

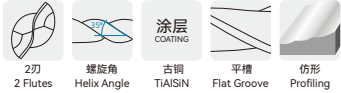
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

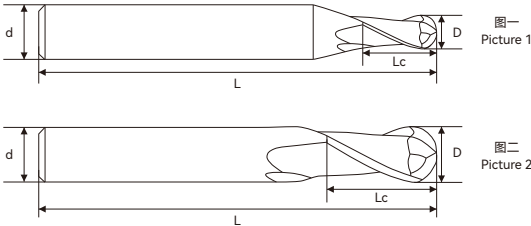
型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*4F	3	8	3	50	4
1*3*4D*50L*4F	1	3	4	50	4
1.5*4*4D*50L*4F	1.5	4	4	50	4
2*5*4D*50L*4F	2	5	4	50	4
2.5*7*4D*50L*4F	2.5	7	4	50	4
3*8*4D*50L*4F	3	8	4	50	4
3.5*10*4D*50L*4F	3.5	10	4	50	4
4*10*4D*50L*4F	4	10	4	50	4
4*16*4D*75L*4F	4	16	4	75	4
4*20*4D*100L*4F	5	20	4	100	4
5*13*5D*50L*4F	5	13	5	50	4
5*20*5D*75L*4F	5	20	5	75	4
5*25*5D*100L*4F	5	25	5	100	4
5*13*6D*50L*4F	5	13	6	50	4
6*15*6D*50L*4F	6	15	6	50	4
6*25*6D*75L*4F	6	25	6	75	4
6*30*6D*100L*4F	6	30	6	100	4
6*40*6D*150L*4F	6	40	6	150	4
7*18*8D*60L*4F	7	18	8	60	4
8*20*8D*60L*4F	8	20	8	60	4
8*28*8D*75L*4F	8	28	8	75	4
8*35*8D*100L*4F	8	35	8	100	4
8*50*8D*150L*4F	8	50	8	150	4
10*25*10D*75L*4F	10	25	10	75	4
10*40*10D*100L*4F	10	40	10	100	4
10*50*10D*150L*4F	10	50	10	150	4
12*30*12D*75L*4F	12	30	12	75	4
12*45*12D*100L*4F	12	45	12	100	4
12*60*12D*150L*4F	12	60	12	150	4
14*35*14D*80L*4F	14	35	14	80	4
14*45*14D*100L*4F	14	45	14	100	4
14*60*14D*150L*4F	14	60	14	150	4
16*45*16D*100L*4F	16	45	16	100	4
16*60*16D*150L*4F	16	60	16	150	4
18*45*18D*100L*4F	18	45	18	100	4
18*70*18D*150L*4F	18	70	18	150	4
20*45*20D*100L*4F	20	45	20	100	4
20*70*20D*150L*4F	20	70	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

58度钢用2刃球刀
HRC58 2 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁
Suitable for: Carbon steel, alloy steel, stainless steel, cast iron



材料成分 Material composition

钴含量10%，晶粒度0.8μm，HRA91.5-92

Cobalt content 10%, grain size 0.8 μm, HRA91.5-92

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤0.2D	ae≤0.3D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤0.2D	ae≤0.2D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

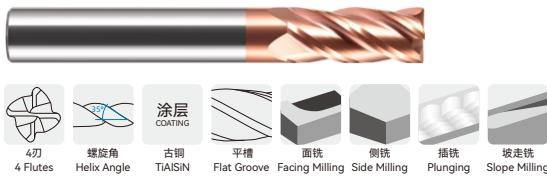
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*2F	1.5	6	3	50	4
R0.5*2*4D*50L*2F	0.5	2	4	50	4
R0.75*3*4D*50L*2F	0.75	3	4	50	4
R1*4*4D*50L*2F	1	4	4	50	4
R1.25*5*4D*50L*2F	1.25	5	4	50	4
R1.5*6*4D*50L*2F	1.5	6	4	50	4
R1.75*7*4D*50L*2F	1.75	7	4	50	4
R2*8*4D*50L*2F	2	8	4	50	4
R2*8*4D*75L*2F	2	8	4	75	4
R2*8*4D*100L*2F	2	8	4	100	4
R2.5*10*5D*50L*2F	2.5	10	5	50	4
R2.5*10*5D*75L*2F	2.5	10	5	75	4
R2.5*10*5D*100L*2F	3	12	6	100	4
R2.5*10*6D*50L*2F	2.5	10	6	50	4
R3*12*6D*50L*2F	3	12	6	50	4
R3*12*6D*75L*2F	3	12	6	75	4
R3*12*6D*100L*2F	3	12	6	100	4
R3*12*6D*150L*2F	3	12	6	150	4
R3.5*14*8D*60L*2F	3.5	14	8	60	4
R4*16*8D*60L*2F	4	16	8	60	4
R4*16*8D*75L*2F	4	16	8	75	4
R4*16*8D*100L*2F	4	16	8	100	4
R4*16*8D*150L*2F	4	16	8	150	4
R5*20*10D*75L*2F	5	20	10	75	4
R5*20*10D*100L*2F	5	20	10	100	4
R5*20*10D*150L*2F	5	20	10	150	4
R6*24*12D*75L*2F	6	24	12	75	4
R6*24*12D*100L*2F	6	24	12	100	4
R6*24*12D*150L*2F	6	24	12	150	4
R7*28*14D*80L*2F	7	28	14	80	4
R7*28*14D*100L*2F	7	28	14	100	4
R7*28*14D*150L*2F	7	28	14	150	4
R8*32*16D*100L*2F	8	32	16	100	4
R8*32*16D*150L*2F	8	32	16	150	4
R9*36*18D*100L*2F	9	36	18	100	4
R9*36*18D*150L*2F	9	36	18	150	4
R10*40*20D*100L*2F	10	40	20	100	4
R10*40*20D*150L*2F	10	40	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

58度钢用4刃圆鼻刀

HRC58 4 Flutes Corner Radius/Bull Nose End Mill

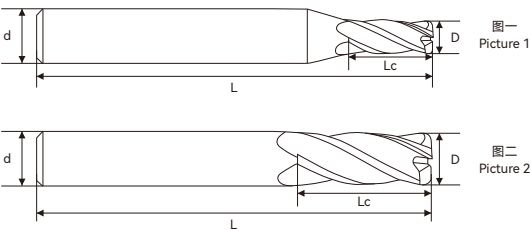


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron

材料成分 Material composition

钴含量10%，晶粒度0.8μm，HRA91.5-92



Cobalt content 10%, grain size 0.8 μm, HRA91.5-92

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	180	0.0085D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.007D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

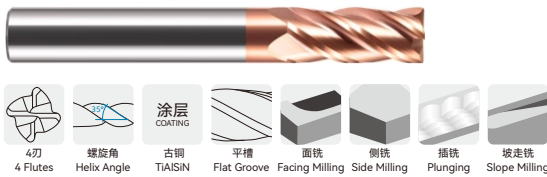
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
3R0.5*8*3D*50L*4F	3	0.5	8	3	50	4
3R0.5*12*3D*75L*4F	3	0.5	12	3	75	4
3R0.5*15*3D*100L*4F	3	0.5	15	3	100	4
3R1*8*3D*50L*4F	3	1	8	3	50	4
3R1*12*3D*75L*4F	3	1	12	3	75	4
3R1*15*3D*100L*4F	3	1	15	3	100	4
1R0.2*3*4D*50L*4F	1	0.2	3	4	50	4
1.5R0.2*4*4D*50L*4F	1.5	0.2	4	4	50	4
1.5R0.5*4*4D*50L*4F	1.5	0.5	4	4	50	4
2R0.2*5*4D*50L*4F	2	0.2	5	4	50	4
3R0.2*8*4D*50L*4F	3	0.2	8	4	50	4
4R0.2*10*4D*50L*4F	4	0.2	10	4	50	4
2R0.5*5*4D*50L*4F	2	0.5	5	4	50	4
3R0.5*8*4D*50L*4F	3	0.5	8	4	50	4
4R0.5*10*4D*50L*4F	4	0.5	10	4	50	4
4R0.5*16*4D*75L*4F	4	0.5	16	4	75	4
4R0.5*20*4D*100L*4F	4	0.5	20	4	100	4
3R1*8*4D*50L*4F	3	1	8	4	50	4
4R1*10*4D*50L*4F	4	1	10	4	50	4
4R1*16*4D*75L*4F	4	1	16	4	75	4
4R1*20*4D*100L*4F	4	1	20	4	100	4
5R0.5*13*5D*50L*4F	5	0.5	13	5	50	4
5R0.5*20*5D*75L*4F	5	0.5	20	5	75	4
5R0.5*25*5D*100L*4F	5	0.5	25	5	100	4
5R1*13*5D*50L*4F	5	1	13	5	50	4
5R1*20*5D*75L*4F	5	1	20	5	75	4
5R1*25*5D*100L*4F	5	1	25	5	100	4
6R0.2*15*6D*50L*4F	6	0.2	15	6	50	4
5R0.5*13*6D*50L*4F	5	0.5	13	6	50	4
6R0.5*15*6D*50L*4F	6	0.5	15	6	50	4
6R0.5*25*6D*75L*4F	6	0.5	25	6	75	4
6R0.5*30*6D*100L*4F	6	0.5	30	6	100	4
6R0.5*40*6D*150L*4F	6	0.5	40	6	150	4
5R1*13*6D*50L*4F	5	1	13	6	50	4
6R1*15*6D*50L*4F	6	1	15	6	50	4
6R1*25*6D*75L*4F	6	1	25	6	75	4
6R1*30*6D*100L*4F	6	1	30	6	100	4
6R1*40*6D*150L*4F	6	1	40	6	150	4
8R0.2*20*8D*60L*4F	8	0.2	20	8	60	4
8R0.5*20*8D*60L*4F	8	0.5	20	8	60	4
8R0.5*28*8D*75L*4F	8	0.5	28	8	75	4
8R0.5*35*8D*100L*4F	8	0.5	35	8	100	4
8R0.5*50*8D*150L*4F	8	0.5	50	8	150	4
8R1*20*8D*60L*4F	8	1	20	8	60	4
8R1*28*8D*75L*4F	8	1	28	8	75	4
8R1*35*8D*100L*4F	8	1	35	8	100	4
8R1*50*8D*150L*4F	8	1	50	8	150	4
8R2*20*8D*60L*4F	8	2	20	8	60	4
8R2*28*8D*75L*4F	8	2	28	8	75	4

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58度钢用4刃圆鼻刀

HRC58 4 Flutes Corner Radius/Bull Nose End Mill

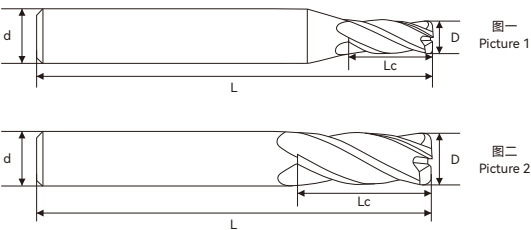


● 适合加工材料：碳钢、合金钢、不锈钢、铸铁

Suitable for: Carbon steel, alloy steel, stainless steel, cast iron

材料成分 Material composition

钴含量10%，晶粒度0.8μm，HRA91.5-92



Cobalt content 10%, grain size 0.8 μm, HRA91.5-92

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	180	0.0085D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.007D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

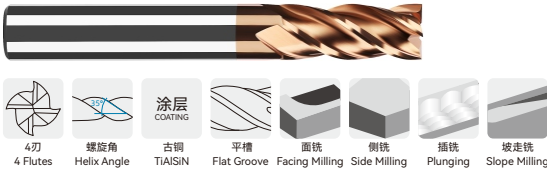
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
8R2*35*8D*100L*4F	8	2	35	8	100	4
8R2*50*8D*150L*4F	8	2	50	8	150	4
8R3*20*8D*60L*4F	8	3	20	8	60	4
8R3*28*8D*75L*4F	8	3	28	8	75	4
8R3*35*8D*100L*4F	8	3	35	8	100	4
8R3*50*8D*150L*4F	8	3	50	8	150	4
10R0.2*25*10D*75L*4F	10	0.2	25	10	75	4
10R0.5*25*10D*75L*4F	10	0.5	25	10	75	4
10R0.5*40*10D*100L*4F	10	0.5	40	10	100	4
10R0.5*50*10D*150L*4F	10	0.5	50	10	150	4
10R1*25*10D*75L*4F	10	1	25	10	75	4
10R1*40*10D*100L*4F	10	1	40	10	100	4
10R1*50*10D*150L*4F	10	1	50	10	150	4
10R1.5*25*10D*75L*4F	10	1.5	25	10	75	4
10R2*25*10D*75L*4F	10	2	25	10	75	4
10R2*40*10D*100L*4F	10	2	40	10	100	4
10R2*50*10D*150L*4F	10	2	50	10	150	4
10R3*25*10D*75L*4F	10	3	25	10	75	4
10R3*40*10D*100L*4F	10	3	40	10	100	4
10R3*50*10D*150L*4F	10	3	50	10	150	4
12R0.2*30*12D*75L*4F	12	0.2	30	12	75	4
12R0.5*30*12D*75L*4F	12	0.5	30	12	75	4
12R0.5*45*12D*100L*4F	12	0.5	45	12	100	4
12R0.5*60*12D*150L*4F	12	0.5	60	12	150	4
12R1*30*12D*75L*4F	12	1	30	12	75	4
12R1*45*12D*100L*4F	12	1	45	12	100	4
12R1*60*12D*150L*4F	12	1	60	12	150	4
12R1.5*30*12D*75L*4F	12	1.5	30	12	75	4
12R2*30*12D*75L*4F	12	2	30	12	75	4
12R2*45*12D*100L*4F	12	2	45	12	100	4
12R2*60*12D*150L*4F	12	2	60	12	150	4
12R3*30*12D*75L*4F	12	3	30	12	75	4
12R3*45*12D*100L*4F	12	3	45	12	100	4
12R3*60*12D*150L*4F	12	3	60	12	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度钢用4刃平刀

HRC55 4 Flutes Flat/Square End Mill



● 适合加工材料：碳钢、合金钢、铸铁

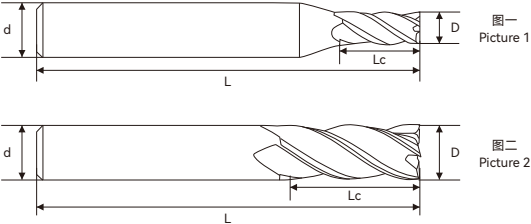
Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨



Cobalt content 10%, HRA91.2-91.7

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

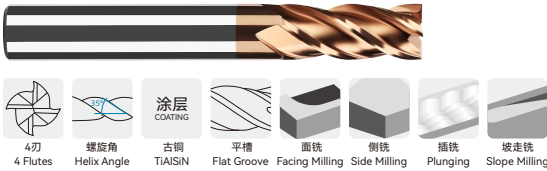
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*4F	3	8	3	50	4
3*12*3D*75L*4F	3	12	3	75	4
3*15*3D*100L*4F	3	15	3	100	4
1*3*4D*50L*4F	1	3	4	50	4
1.5*4*4D*50L*4F	1.5	4	4	50	4
2*5*4D*50L*4F	2	5	4	50	4
2.5*7*4D*50L*4F	2.5	7	4	50	4
3*8*4D*50L*4F	3	8	4	50	4
3.5*10*4D*50L*4F	3.5	10	4	50	4
4*10*4D*50L*4F	4	10	4	50	4
1*3*4D*75L*4F	1	3	4	75	4
1.5*4*4D*75L*4F	1.5	4	4	75	4
2*5*4D*75L*4F	2	5	4	75	4
2.5*7*4D*75L*4F	2.5	7	4	75	4
3*8*4D*75L*4F	3	8	4	75	4
4*16*4D*75L*4F	4	16	4	75	4
4*20*4D*100L*4F	4	20	4	100	4
5*13*5D*50L*4F	5	13	5	50	4
5*20*5D*75L*4F	5	20	5	75	4
5*25*5D*100L*4F	5	25	5	100	4
1*3*6D*50L*4F	1	3	6	50	4
1.5*4*6D*50L*4F	1.5	4	6	50	4
2*5*6D*50L*4F	2	5	6	50	4
2.5*7*6D*50L*4F	2.5	7	6	50	4
3*8*6D*50L*4F	3	8	6	50	4
3.5*10*6D*50L*4F	3.5	10	6	50	4
4*10*6D*50L*4F	4	10	6	50	4
4.5*12*6D*50L*4F	4.5	12	6	50	4
5*13*6D*50L*4F	5	13	6	50	4
5.5*15*6D*50L*4F	5.5	15	6	50	4
6*15*6D*50L*4F	6	15	6	50	4
6*25*6D*75L*4F	6	25	6	75	4
6*30*6D*100L*4F	6	30	6	100	4
6*40*6D*150L*4F	6	40	6	150	4
7*18*8D*60L*4F	7	18	8	60	4
8*20*8D*60L*4F	8	20	8	60	4
8*28*8D*75L*4F	8	28	8	75	4
8*35*8D*100L*4F	8	35	8	100	4
8*50*8D*150L*4F	8	50	8	150	4
9*23*10D*75L*4F	9	23	10	75	4
10*25*10D*75L*4F	10	25	10	75	4
10*40*10D*100L*4F	10	40	10	100	4
10*50*10D*150L*4F	10	50	10	150	4
11*28*12D*75L*4F	11	28	12	75	4
12*30*12D*75L*4F	12	30	12	75	4
12*45*12D*100L*4F	12	45	12	100	4
12*60*12D*150L*4F	12	60	12	150	4
13*45*14D*100L*4F	13	45	14	100	4
14*35*14D*80L*4F	14	35	14	80	4

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55度钢用4刃平刀

HRC55 4 Flutes Flat/Square End Mill



● 适合加工材料：碳钢、合金钢、铸铁

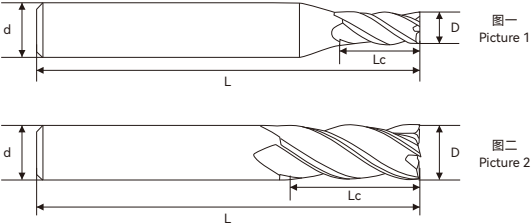
Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨



Cobalt content 10%, HRA91.2-91.7

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

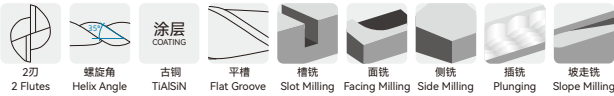
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型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
14*45*14D*100L*4F	14	45	14	100	4
14*60*14D*150L*4F	14	60	14	150	4
15*45*16D*100L*4F	15	45	16	100	4
16*45*16D*100L*4F	16	45	16	100	4
16*60*16D*150L*4F	16	60	16	150	4
18*45*18D*100L*4F	18	45	18	100	4
18*70*18D*150L*4F	18	70	18	150	4
20*45*20D*100L*4F	20	45	20	100	4
20*70*20D*150L*4F	20	70	20	150	4

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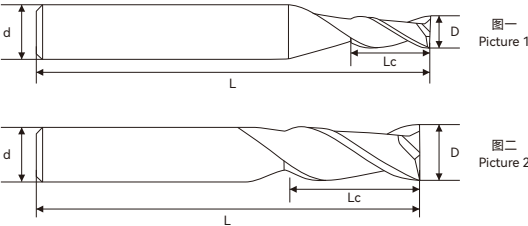
55度钢用2刃平刀

HRC55 2 Flutes Flat/Square End Mill



● 适合加工材料：碳钢、合金钢、铸铁

Suitable for: Carbon steel, alloy steel, cast iron



材料成分 Material composition

钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

- 1、刃口负前角设计，强壮、不易崩缺
- 2、刀具硬度高，更耐磨

1. The blade has a negative front angle design, which is strong and not prone to breakage
2. The tool has high hardness and is more wear-resistant

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

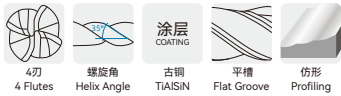
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*2F	3	8	3	50	2
3*12*3D*75L*2F	3	12	3	75	2
3*15*3D*100L*2F	3	15	3	100	2
1*3*4D*50L*2F	1	3	4	50	2
1.5*4*4D*50L*2F	1.5	4	4	50	2
2*5*4D*50L*2F	2	5	4	50	2
2.5*7*4D*50L*2F	2.5	7	4	50	2
3*8*4D*50L*2F	3	8	4	50	2
3.5*10*4D*50L*2F	3.5	10	4	50	2
4*10*4D*50L*2F	4	10	4	50	2
4*16*4D*75L*2F	4	16	4	75	2
4*20*4D*100L*2F	4	20	4	100	2
5*13*5D*50L*2F	5	13	5	50	2
5*20*5D*75L*2F	5	20	5	75	2
5*25*5D*100L*2F	5	25	5	100	2
1*3*6D*50L*2F	1	3	6	50	2
1.5*4*6D*50L*2F	1.5	4	6	50	2
2*5*6D*50L*2F	2	5	6	50	2
2.5*7*6D*50L*2F	2.5	7	6	50	2
3*8*6D*50L*2F	3	8	6	50	2
3.5*10*6D*50L*2F	3.5	10	6	50	2
4*10*6D*50L*2F	4	10	6	50	2
4.5*12*6D*50L*2F	4.5	12	6	50	2
5*13*6D*50L*2F	5	13	6	50	2
5.5*15*6D*50L*2F	5.5	15	6	50	2
6*15*6D*50L*2F	6	15	6	50	2
6*25*6D*75L*2F	6	25	6	75	2
6*30*6D*100L*2F	6	30	6	100	2
6*40*6D*150L*2F	6	40	6	150	2
7*18*8D*60L*2F	7	18	8	60	2
8*20*8D*60L*2F	8	20	8	60	2
8*28*8D*75L*2F	8	28	8	75	2
8*35*8D*100L*2F	8	35	8	100	2
8*50*8D*150L*2F	8	50	8	150	2
9*23*10D*75L*2F	9	23	10	75	2
10*25*10D*75L*2F	10	25	10	75	2
10*40*10D*100L*2F	10	40	10	100	2
10*50*10D*150L*2F	10	50	10	150	2
11*28*12D*75L*2F	11	28	12	75	2
12*30*12D*75L*2F	12	30	12	75	2
12*45*12D*100L*2F	12	45	12	100	2
12*60*12D*150L*2F	12	60	12	150	2
13*45*14D*100L*2F	13	45	14	100	2
14*35*14D*80L*2F	14	35	14	80	2
14*45*14D*100L*2F	14	45	14	100	2
14*60*14D*150L*2F	14	60	14	150	2
15*45*16D*100L*2F	15	45	16	100	2
16*45*16D*100L*2F	16	45	16	100	2
16*60*16D*150L*2F	16	60	16	150	2
18*45*18D*100L*2F	18	45	18	100	2
18*70*18D*150L*2F	18	70	18	150	2
20*45*20D*100L*2F	20	45	20	100	2
20*70*20D*150L*2F	20	70	20	150	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度钢用4刃球刀

HRC55 4 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、铸铁

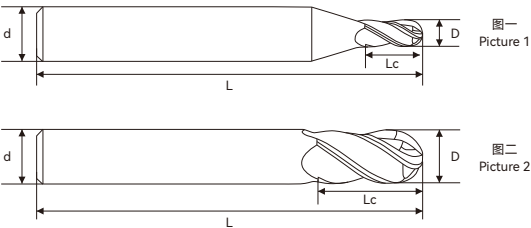
Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

4刃设计，较2刃球刀加工效率高1倍，刀具耐用度高1倍



Cobalt content 10%, HRA91.2-91.7

4-blade design, with a processing efficiency twice as high as that of a 2-blade ball cutter, and a tool durability twice as high

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤0.2D	ae≤0.3D	150	0.009D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤0.2D	ae≤0.2D	130	0.009D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

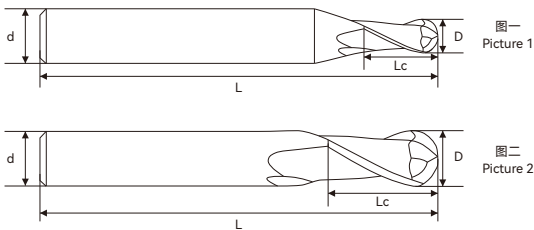
型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*4F	1.5	6	3	50	4
R1.5*6*3D*75L*4F	1.5	6	3	75	4
R1.5*6*3D*100L*4F	1.5	6	3	100	4
R0.5*2*4D*50L*4F	0.5	2	4	50	4
R0.75*3*4D*50L*4F	0.75	3	4	50	4
R1*4*4D*50L*4F	1	4	4	50	4
R1.25*5*4D*50L*4F	1.25	5	4	50	4
R1.5*6*4D*50L*4F	1.5	6	4	50	4
R1.75*7*4D*50L*4F	1.75	7	4	50	4
R2*8*4D*50L*4F	2	8	4	50	4
R2*8*4D*75L*4F	2	8	4	75	4
R2*8*4D*100L*4F	2	8	4	100	4
R2.5*10*5D*50L*4F	2.5	10	5	50	4
R2.5*10*5D*75L*4F	2.5	10	5	75	4
R2.5*10*5D*100L*4F	2.5	10	5	100	4
R1.5*6*6D*50L*4F	1.5	6	6	50	4
R2.5*10*6D*50L*4F	2.5	10	6	50	4
R3*12*6D*50L*4F	3	12	6	50	4
R3*12*6D*75L*4F	3	12	6	75	4
R3*12*6D*100L*4F	3	12	6	100	4
R3*12*6D*150L*4F	3	12	6	150	4
R3.5*14*8D*60L*4F	3.5	14	8	60	4
R4*16*8D*60L*4F	4	16	8	60	4
R4*16*8D*75L*4F	4	16	8	75	4
R4*16*8D*100L*4F	4	16	8	100	4
R4*16*8D*150L*4F	4	16	8	150	4
R4.5*18*10D*75L*4F	4.5	18	10	75	4
R5*20*10D*75L*4F	5	20	10	75	4
R5*20*10D*100L*4F	5	20	10	100	4
R5*20*10D*150L*4F	5	20	10	150	4
R5.5*22*12D*75L*4F	5.5	22	12	75	4
R6*24*12D*75L*4F	6	24	12	75	4
R6*24*12D*100L*4F	6	24	12	100	4
R6*24*12D*150L*4F	6	24	12	150	4
R6.5*26*14D*100L*4F	6.5	26	14	100	4
R7*28*14D*80L*4F	7	28	14	80	4
R7*28*14D*100L*4F	7	28	14	100	4
R7*28*14D*150L*4F	7	28	14	150	4
R8*32*16D*100L*4F	8	32	16	100	4
R8*32*16D*150L*4F	8	32	16	150	4
R9*36*18D*100L*4F	9	36	18	100	4
R9*36*18D*150L*4F	9	36	18	150	4
R10*40*20D*100L*4F	10	40	20	100	4
R10*40*20D*150L*4F	10	40	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度钢用2刃球刀
HRC55 2 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、铸铁
Suitable for: Carbon steel, alloy steel, cast iron



材料成分 Material composition
钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

2刃设计，较4刃球刀轮廓精度更高，加工零件轮廓更精确

2-blade design, with higher contour accuracy than 4-blade ball cutters, resulting in more precise machining of part contours

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤0.2D	ae≤0.3D	170	0.008D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤0.2D	ae≤0.2D	150	0.0065D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

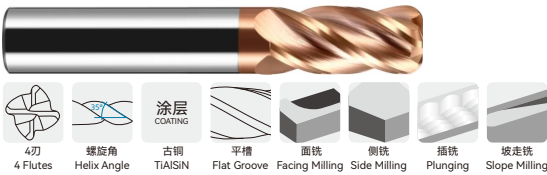
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*2F	1.5	6	3	50	2
R1.5*6*3D*75L*2F	1.5	6	3	75	2
R1.5*6*3D*100L*2F	1.5	6	3	100	2
R0.5*2*4D*50L*2F	0.5	2	4	50	2
R0.75*3*4D*50L*2F	0.75	3	4	50	2
R1*4*4D*50L*2F	1	4	4	50	2
R1.25*5*4D*50L*2F	1.25	5	4	50	2
R1.5*6*4D*50L*2F	1.5	6	4	50	2
R1.75*7*4D*50L*2F	1.75	7	4	50	2
R2*8*4D*50L*2F	2	8	4	50	2
R0.5*2*4D*75L*2F	0.5	2	4	75	2
R0.75*3*4D*75L*2F	0.75	3	4	75	2
R1*4*4D*75L*2F	1	4	4	75	2
R1.25*5*4D*75L*2F	1.25	5	4	75	2
R1.5*6*4D*75L*2F	1.5	6	4	75	2
R2*8*4D*75L*2F	2	8	4	75	2
R2*8*4D*100L*2F	2	8	4	100	2
R2.5*10*5D*50L*2F	2.5	10	5	50	2
R2.5*10*5D*75L*2F	2.5	10	5	75	2
R2.5*10*5D*100L*2F	2.5	10	5	100	2
R0.5*2*6D*50L*2F	0.5	2	6	50	2
R0.75*3*6D*50L*2F	0.75	3	6	50	2
R1*4*6D*50L*2F	1	4	6	50	2
R1.25*5*6D*50L*2F	1.25	5	6	50	2
R1.5*6*6D*50L*2F	1.5	6	6	50	2
R1.75*7*6D*50L*2F	1.75	7	6	50	2
R2*8*6D*50L*2F	2	8	6	50	2
R2.5*10*6D*50L*2F	2.5	10	6	50	2
R3*12*6D*50L*2F	3	12	6	50	2
R3*12*6D*75L*2F	3	12	6	75	2
R3*12*6D*100L*2F	3	12	6	100	2
R3*12*6D*150L*2F	3	12	6	150	2
R3.5*14*8D*60L*2F	3.5	14	8	60	2
R4*16*8D*60L*2F	4	16	8	60	2
R4*16*8D*75L*2F	4	16	8	75	2
R4*16*8D*100L*2F	4	16	8	100	2
R4*16*8D*150L*2F	4	16	8	150	2
R4.5*18*10D*75L*2F	4.5	18	10	75	2
R5*20*10D*75L*2F	5	20	10	75	2
R5*20*10D*100L*2F	5	20	10	100	2
R5*20*10D*150L*2F	5	20	10	150	2
R5.5*22*12D*75L*2F	5.5	22	12	75	2
R6*24*12D*75L*2F	6	24	12	75	2
R6*24*12D*100L*2F	6	24	12	100	2
R6*24*12D*150L*2F	6	24	12	150	2
R6.5*26*14D*100L*2F	6.5	26	14	100	2
R7*28*14D*80L*2F	7	28	14	80	2
R7*28*14D*100L*2F	7	28	14	100	2
R7*28*14D*150L*2F	7	28	14	150	2
R8*32*16D*100L*2F	8	32	16	100	2
R8*32*16D*150L*2F	8	32	16	150	2
R9*36*18D*100L*2F	9	36	18	100	2
R9*36*18D*150L*2F	9	36	18	150	2
R10*40*20D*100L*2F	10	40	20	100	2
R10*40*20D*150L*2F	10	40	20	150	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度钢用4刃圆鼻刀

HRC55 4 Flutes Corner Radius/Bull Nose End Mill



● 适合加工材料：碳钢、合金钢、铸铁

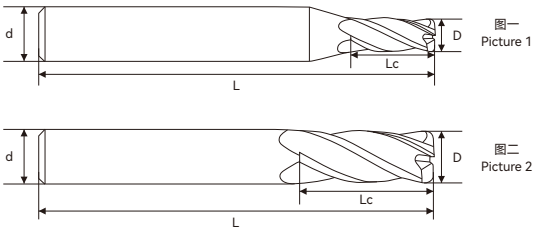
Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

- 1、R刃尖，刃口强度高，不易崩刃，更耐磨，寿命更好
- 2、面铣表面粗糙度比平刀更好



Cobalt content 10%, HRA91.2-91.7

1. R-blade tip, high blade strength, less prone to breakage, more wear-resistant, and longer lifespan
2. Surface milling has better surface roughness than flat cutting

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	180	0.0085D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.007D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

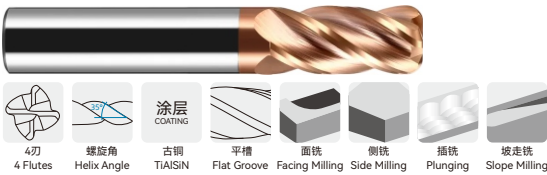
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
3R0.5*8*3D*50L*4F	3	0.5	8	3	50	4
3R0.5*12*3D*75L*4F	3	0.5	12	3	75	4
3R0.5*15*3D*100L*4F	3	0.5	15	3	100	4
3R1*8*3D*50L*4F	3	1	8	3	50	4
3R1*12*3D*75L*4F	3	1	12	3	75	4
3R1*15*3D*100L*4F	3	1	15	3	100	4
1R0.2*3*4D*50L*4F	1	0.2	3	4	50	4
1.5R0.2*4*4D*50L*4F	1.5	0.2	4	4	50	4
1.5R0.5*4*4D*50L*4F	1.5	0.5	4	4	50	4
2R0.2*5*4D*50L*4F	2	0.2	5	4	50	4
3R0.2*8*4D*50L*4F	3	0.2	8	4	50	4
4R0.2*10*4D*50L*4F	4	0.2	10	4	50	4
2R0.5*5*4D*50L*4F	2	0.5	5	4	50	4
3R0.5*8*4D*50L*4F	3	0.5	8	4	50	4
4R0.5*10*4D*50L*4F	4	0.5	10	4	50	4
4R0.5*16*4D*75L*4F	4	0.5	16	4	75	4
4R0.5*20*4D*100L*4F	4	0.5	20	4	100	4
3R1*8*4D*50L*4F	3	1	8	4	50	4
4R1*10*4D*50L*4F	4	1	10	4	50	4
4R1*16*4D*75L*4F	4	1	16	4	75	4
4R1*20*4D*100L*4F	4	1	20	4	100	4
5R0.5*13*5D*50L*4F	5	0.5	13	5	50	4
5R0.5*20*5D*75L*4F	5	0.5	20	5	75	4
5R0.5*25*5D*100L*4F	5	0.5	25	5	100	4
5R1*13*5D*50L*4F	5	1	13	5	50	4
5R1*20*5D*75L*4F	5	1	20	5	75	4
5R1*25*5D*100L*4F	5	1	25	5	100	4
6R0.2*15*6D*50L*4F	6	0.2	15	6	50	4
5R0.5*13*6D*50L*4F	5	0.5	13	6	50	4
6R0.5*15*6D*50L*4F	6	0.5	15	6	50	4
6R0.5*25*6D*75L*4F	6	0.5	25	6	75	4
6R0.5*30*6D*100L*4F	6	0.5	30	6	100	4
6R0.5*40*6D*150L*4F	6	0.5	40	6	150	4
5R1*13*6D*50L*4F	5	1	13	6	50	4
6R1*15*6D*50L*4F	6	1	15	6	50	4
6R1*25*6D*75L*4F	6	1	25	6	75	4
6R1*30*6D*100L*4F	6	1	30	6	100	4
6R1*40*6D*150L*4F	6	1	40	6	150	4
8R0.2*20*8D*60L*4F	8	0.2	20	8	60	4
8R0.5*20*8D*60L*4F	8	0.5	20	8	60	4
8R0.5*28*8D*75L*4F	8	0.5	28	8	75	4
8R0.5*35*8D*100L*4F	8	0.5	35	8	100	4
8R0.5*50*8D*150L*4F	8	0.5	50	8	150	4
8R1*20*8D*60L*4F	8	1	20	8	60	4
8R1*28*8D*75L*4F	8	1	28	8	75	4
8R1*35*8D*100L*4F	8	1	35	8	100	4
8R1*50*8D*150L*4F	8	1	50	8	150	4
8R2*20*8D*60L*4F	8	2	20	8	60	4
8R2*28*8D*75L*4F	8	2	28	8	75	4
8R2*35*8D*100L*4F	8	2	35	8	100	4
8R2*50*8D*150L*4F	8	2	50	8	150	4
8R3*20*8D*60L*4F	8	3	20	8	60	4
8R3*28*8D*75L*4F	8	3	28	8	75	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度钢用4刃圆鼻刀

HRC55 4 Flutes Corner Radius/Bull Nose End Mill

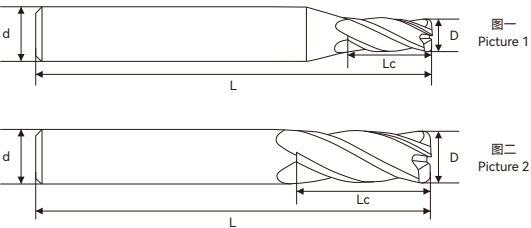


● 适合加工材料：碳钢、合金钢、铸铁

Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7



Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

- 1、R刃尖，刃口强度高，不易崩刀，更耐磨，寿命更好
- 2、面铣表面粗糙度比平刀更好

1. R-blade tip, high blade strength, less prone to breakage, more wear-resistant, and longer lifespan
2. Surface milling has better surface roughness than flat cutting

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D	180	0.0085D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D	150	0.007D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

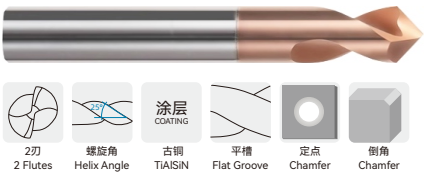
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
8R3*35*8D*100L*4F	8	3	35	8	100	4
8R3*50*8D*150L*4F	8	3	50	8	150	4
10R0.2*25*10D*75L*4F	10	0.2	25	10	75	4
10R0.5*25*10D*75L*4F	10	0.5	25	10	75	4
10R0.5*40*10D*100L*4F	10	0.5	40	10	100	4
10R0.5*50*10D*150L*4F	10	0.5	50	10	150	4
10R1*25*10D*75L*4F	10	1	25	10	75	4
10R1*40*10D*100L*4F	10	1	40	10	100	4
10R1*50*10D*150L*4F	10	1	50	10	150	4
10R1.5*25*10D*75L*4F	10	1.5	25	10	75	4
10R2*25*10D*75L*4F	10	2	25	10	75	4
10R2*40*10D*100L*4F	10	2	40	10	100	4
10R2*50*10D*150L*4F	10	2	50	10	150	4
10R3*25*10D*75L*4F	10	3	25	10	75	4
10R3*40*10D*100L*4F	10	3	40	10	100	4
10R3*50*10D*150L*4F	10	3	50	10	150	4
12R0.2*30*12D*75L*4F	12	0.2	30	12	75	4
12R0.5*30*12D*75L*4F	12	0.5	30	12	75	4
12R0.5*45*12D*100L*4F	12	0.5	45	12	100	4
12R0.5*60*12D*150L*4F	12	0.5	60	12	150	4
12R1*30*12D*75L*4F	12	1	30	12	75	4
12R1*45*12D*100L*4F	12	1	45	12	100	4
12R1*60*12D*150L*4F	12	1	60	12	150	4
12R1.5*30*12D*75L*4F	12	1.5	30	12	75	4
12R2*30*12D*75L*4F	12	2	30	12	75	4
12R2*45*12D*100L*4F	12	2	45	12	100	4
12R2*60*12D*150L*4F	12	2	60	12	150	4
12R3*30*12D*75L*4F	12	3	30	12	75	4
12R3*45*12D*100L*4F	12	3	45	12	100	4
12R3*60*12D*150L*4F	12	3	60	12	150	4
14R0.5*45*14D*100L*4F	14	0.5	45	14	100	4
14R1*45*14D*100L*4F	14	1	45	14	100	4
14R0.5*60*14D*150L*4F	14	0.5	60	14	150	4
14R1*60*14D*150L*4F	14	1	60	14	150	4
16R0.5*45*16D*100L*4F	16	0.5	45	16	100	4
16R1*45*16D*100L*4F	16	1	45	16	100	4
16R2*45*16D*100L*4F	16	2	45	16	100	4
16R0.5*60*16D*150L*4F	16	0.5	60	16	150	4
16R1*60*16D*150L*4F	16	1	60	16	150	4
16R2*60*16D*150L*4F	16	2	60	16	150	4
18R0.5*45*18D*100L*4F	18	0.5	45	18	100	4
18R1*45*18D*100L*4F	18	1	45	18	100	4
18R2*45*18D*100L*4F	18	2	45	18	100	4
18R0.5*70*18D*150L*4F	18	0.5	70	18	150	4
18R1*70*18D*150L*4F	18	1	70	18	150	4
18R2*70*18D*150L*4F	18	2	70	18	150	4
20R0.5*45*20D*100L*4F	20	0.5	45	20	100	4
20R1*45*20D*100L*4F	20	1	45	20	100	4
20R2*45*20D*100L*4F	20	2	45	20	100	4
20R0.5*70*20D*150L*4F	20	0.5	70	20	150	4
20R1*70*20D*150L*4F	20	1	70	20	150	4
20R2*70*20D*150L*4F	20	2	70	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度钢用定点钻

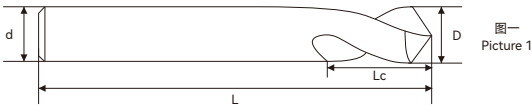
HRC55 Spot Drills



● 适合加工材料：碳钢、合金钢、铸铁
Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition
钴含量10%，HRA91.2-91.7

产品优势 Product advantages
通用性强，定点和倒角两用



Cobalt content 10%, HRA91.2-91.7

Strong universality, suitable for both fixed-point and chamfering purposes

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)			120	0.05D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)			90	0.05D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

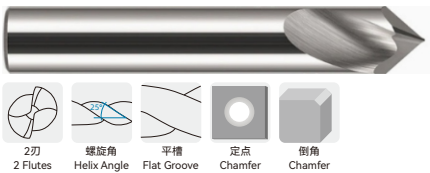
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*6*3D*50L*90°2F	3	6	3	50	90°
3*6*3D*75L*90°2F	3	6	3	75	90°
3*6*3D*100L*90°2F	3	6	3	100	90°
2*4*4D*50L*90°2F	2	4	4	50	90°
3*6*4D*50L*90°2F	3	6	4	50	90°
4*8*4D*50L*90°2F	4	8	4	50	90°
4*8*4D*75L*90°2F	4	8	4	75	90°
4*8*4D*100L*90°2F	4	8	4	100	90°
5*10*5D*50L*90°2F	5	10	5	50	90°
5*10*5D*75L*90°2F	5	10	5	75	90°
5*10*5D*100L*90°2F	5	10	5	100	90°
6*12*6D*50L*90°2F	6	12	6	50	90°
6*12*6D*75L*90°2F	6	12	6	75	90°
6*12*6D*100L*90°2F	6	12	6	100	90°
8*16*8D*60L*90°2F	8	16	8	60	90°
8*16*8D*75L*90°2F	8	16	8	75	90°
8*16*8D*100L*90°2F	8	16	8	100	90°
10*20*10D*75L*90°2F	10	20	10	75	90°
10*20*10D*100L*90°2F	10	20	10	100	90°
12*24*12D*75L*90°2F	12	24	12	75	90°
12*24*12D*100L*90°2F	12	24	12	100	90°
14*28*14D*100L*90°2F	14	28	14	100	90°
14*28*14D*150L*90°2F	14	28	14	150	90°
16*32*16D*100L*90°2F	16	32	16	100	90°
16*32*16D*150L*90°2F	16	32	16	150	90°
18*36*18D*100L*90°2F	18	36	18	100	90°
18*36*18D*150L*90°2F	18	36	18	150	90°
20*40*20D*100L*90°2F	20	40	20	100	90°
20*40*20D*150L*90°2F	20	40	20	150	90°

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度铝用定点钻

HRC55 Spot Drills For Aluminum



● 适合加工材料：铝合金、铜合金

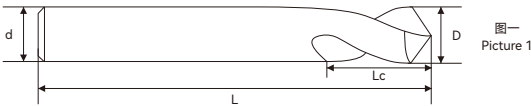
Suitable for: Aluminum alloy, copper alloy

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

通用性强，定点和倒角两用



图一
Picture 1

Cobalt content 10%, HRA91.2-91.7

Strong universality, suitable for both fixed-point and chamfering purposes

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy			130/100	0.05D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

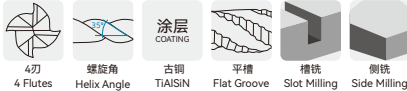
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*6*3D*50L*90°2F	3	6	3	50	90°
3*6*3D*75L*90°2F	3	6	3	75	90°
3*6*3D*100L*90°2F	3	6	3	100	90°
2*4*4D*50L*90°2F	2	4	4	50	90°
3*6*4D*50L*90°2F	3	6	4	50	90°
4*8*4D*50L*90°2F	4	8	4	50	90°
4*8*4D*75L*90°2F	4	8	4	75	90°
4*8*4D*100L*90°2F	4	8	4	100	90°
5*10*5D*50L*90°2F	5	10	5	50	90°
5*10*5D*75L*90°2F	5	10	5	75	90°
5*10*5D*100L*90°2F	5	10	5	100	90°
6*12*6D*50L*90°2F	6	12	6	50	90°
6*12*6D*75L*90°2F	6	12	6	75	90°
6*12*6D*100L*90°2F	6	12	6	100	90°
8*16*8D*60L*90°2F	8	16	8	60	90°
8*16*8D*75L*90°2F	8	16	8	75	90°
8*16*8D*100L*90°2F	8	16	8	100	90°
10*20*10D*75L*90°2F	10	20	10	75	90°
10*20*10D*100L*90°2F	10	20	10	100	90°
12*24*12D*75L*90°2F	12	24	12	75	90°
12*24*12D*100L*90°2F	12	24	12	100	90°
14*28*14D*100L*90°2F	14	28	14	100	90°
14*28*14D*150L*90°2F	14	28	14	150	90°
16*32*16D*100L*90°2F	16	32	16	100	90°
16*32*16D*150L*90°2F	16	32	16	150	90°
18*36*18D*100L*90°2F	18	36	18	100	90°
18*36*18D*150L*90°2F	18	36	18	150	90°
20*40*20D*100L*90°2F	20	40	20	100	90°
20*40*20D*150L*90°2F	20	40	20	150	90°

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度钢用粗皮刀

HRC55 Roughing End Mill

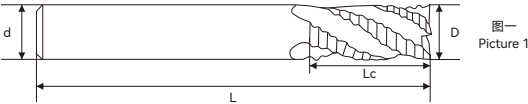


● 适合加工材料：碳钢、合金钢、铸铁

Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7



图一
Picture 1

产品优势 Product advantages

- 1、加工出碎屑，加工安全性大大增加
- 2、刃口圆弧设计，强度高，不易崩刃，可适应大切削量，开粗效率更高

1. Processing debris greatly increases processing safety
2. Edge arc design, high strength, not easy to break, can adapt to large cutting amounts, and has higher cutting efficiency

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.3D	130	0.006D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.3D	130	0.006D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

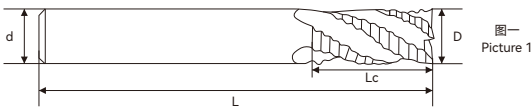
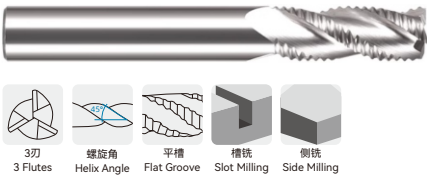
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*4F	3	8	3	50	4
3*12*3D*75L*4F	3	12	3	75	4
3*15*3D*100L*4F	3	15	3	100	4
4*10*4D*50L*4F	4	10	4	50	4
4*16*4D*75L*4F	4	16	4	75	4
4*20*4D*100L*4F	4	20	4	100	4
5*13*5D*50L*4F	5	13	5	50	4
5*20*5D*75L*4F	5	20	5	75	4
5*25*5D*100L*4F	5	25	5	100	4
5*13*6D*50L*4F	5	13	6	50	4
6*15*6D*50L*4F	6	15	6	50	4
6*25*6D*75L*4F	6	25	6	75	4
6*30*6D*100L*4F	6	30	6	100	4
8*20*8D*60L*4F	8	20	8	60	4
8*28*8D*75L*4F	8	28	8	75	4
8*35*8D*100L*4F	8	35	8	100	4
10*25*10D*75L*4F	10	25	10	75	4
10*40*10D*100L*4F	10	40	10	100	4
12*30*12D*75L*4F	12	30	12	75	4
12*45*12D*100L*4F	12	45	12	100	4
14*45*14D*100L*4F	14	45	14	100	4
14*60*14D*150L*4F	14	60	14	150	4
16*45*16D*100L*4F	16	45	16	100	4
16*60*16D*150L*4F	16	60	16	150	4
18*45*18D*100L*4F	18	45	18	100	4
18*70*18D*150L*4F	18	70	18	150	4
20*45*20D*100L*4F	20	45	20	100	4
20*70*20D*150L*4F	20	70	20	150	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度铝用粗皮刀

HRC55 Roughing End Mill For Aluminum



● 适合加工材料：铝合金、铜合金

Suitable for: Aluminum alloy, copper alloy

材料成分 Material composition

钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

- 1、加工出碎屑，加工安全性大大增加
- 2、刃口圆弧设计，强度高，不易崩刃，可适应大切削量，开粗效率更高

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- 2. Edge arc design, high strength, not easy to break, can adapt to large cutting amounts, and has higher cutting efficiency

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy	ap≤1.5D	ae≤0.3D	130	0.008D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

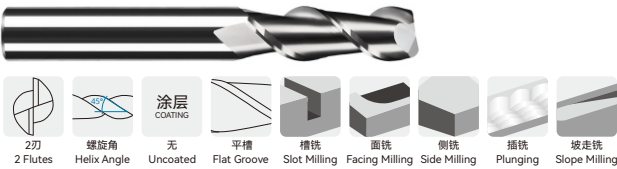
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3D*50L*3F	3	8	3	50	3
3*12*3D*75L*3F	3	12	3	75	3
3*15*3D*100L*3F	3	15	3	100	3
4*12*4D*50L*3F	4	10	4	50	3
4*16*4D*75L*3F	4	16	4	75	3
4*20*4D*100L*3F	4	20	4	100	3
5*13*5D*50L*3F	5	13	5	50	3
5*20*5D*75L*3F	5	20	5	75	3
5*25*5D*100L*3F	5	25	5	100	3
5*13*6D*50L*3F	5	13	6	50	3
6*18*6D*50L*3F	6	15	6	50	3
6*25*6D*75L*3F	6	25	6	75	3
6*30*6D*100L*3F	6	30	6	100	3
8*24*8D*60L*3F	8	20	8	60	3
8*28*8D*75L*3F	8	28	8	75	3
8*40*8D*100L*3F	8	35	8	100	3
10*30*10D*75L*3F	10	25	10	75	3
10*40*10D*100L*3F	10	40	10	100	3
12*36*12D*75L*3F	12	30	12	75	3
12*45*12D*100L*3F	12	45	12	100	3
14*45*14D*100L*3F	14	45	14	100	3
14*60*14D*150L*3F	14	60	14	150	3
16*45*16D*100L*3F	16	45	16	100	3
16*60*16D*150L*3F	16	60	16	150	3
18*45*18D*100L*3F	18	45	18	100	3
18*70*18D*150L*3F	18	70	18	150	3
20*45*20D*100L*3F	20	45	20	100	3
20*70*20D*150L*3F	20	70	20	150	3

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

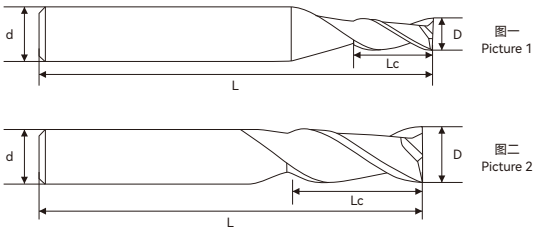
55度铝用2刃平刀

HRC55 2 Flutes Flat/Square End Mill For Aluminum



● 适合加工材料：铝合金、铜合金

Suitable for: Aluminum alloy, copper alloy



材料成分 Material composition

钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

- 1、大螺旋角设计，刀具刃口锋利，切削轻快
- 2、大容屑槽，加工安全性更高
- 3、刃口光滑，不易粘铝

1. Large helix angle design, sharp cutting edge of the tool, light and agile cutting
2. Large capacity chip groove, higher processing safety
3. Smooth cutting edge, not easy to stick to aluminum

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy	ap≤1.5D	ae≤0.2D	150(60-350)	0.009D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

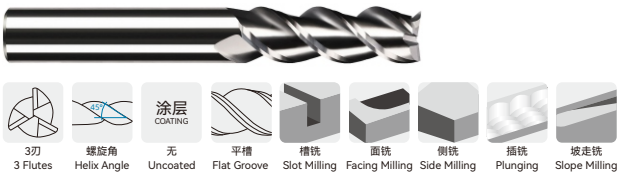
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*9*3D*50L*2F	3	9	3	50	2
3*12*3D*75L*2F	3	12	3	75	2
3*15*3D*100L*2F	3	15	3	100	2
1*3*4D*50L*2F	1	3	4	50	2
1.5*5*4D*50L*2F	1.5	5	4	50	2
2*6*4D*50L*2F	2	6	4	50	2
2.5*8*4D*50L*2F	2.5	8	4	50	2
3*9*4D*50L*2F	3	9	4	50	2
3.5*12*4D*50L*2F	3.5	12	4	50	2
4*12*4D*50L*2F	4	12	4	50	2
4*20*4D*75L*2F	4	20	4	75	2
4*25*4D*100L*2F	4	25	4	100	2
5*15*5D*50L*2F	5	15	5	50	2
5*20*5D*75L*2F	5	20	5	75	2
5*25*5D*100L*2F	5	25	5	100	2
1*3*6D*50L*2F	1	3	6	50	2
1.5*5*6D*50L*2F	1.5	5	6	50	2
2*6*6D*50L*2F	2	6	6	50	2
2.5*8*6D*50L*2F	2.5	8	6	50	2
3*9*6D*50L*2F	3	9	6	50	2
3.5*12*6D*50L*2F	3.5	12	6	50	2
4*12*6D*50L*2F	4	12	6	50	2
4.5*14*6D*50L*2F	4.5	14	6	50	2
5*15*6D*50L*2F	5	15	6	50	2
5.5*18*6D*50L*2F	5.5	18	6	50	2
6*18*6D*50L*2F	6	18	6	50	2
6*30*6D*75L*2F	6	30	6	75	2
6*30*6D*100L*2F	6	30	6	100	2
6*40*6D*150L*2F	6	40	6	150	2
7*21*8D*60L*2F	7	21	8	60	2
8*24*8D*60L*2F	8	24	8	60	2
8*35*8D*75L*2F	8	35	8	75	2
8*40*8D*100L*2F	8	40	8	100	2
8*50*8D*150L*2F	8	50	8	150	2
9*27*10D*75L*2F	9	27	10	75	2
10*30*10D*75L*2F	10	30	10	75	2
10*40*10D*100L*2F	10	40	10	100	2
10*50*10D*150L*2F	10	50	10	150	2
11*33*12D*75L*2F	11	33	12	75	2
12*36*12D*75L*2F	12	36	12	75	2
12*45*12D*100L*2F	12	45	12	100	2
12*60*12D*150L*2F	12	60	12	150	2
14*35*14D*80L*2F	14	35	14	80	2
14*45*14D*100L*2F	14	45	14	100	2
14*65*14D*150L*2F	14	65	14	150	2
16*45*16D*100L*2F	16	45	16	100	2
16*65*16D*150L*2F	16	65	16	150	2
18*45*18D*100L*2F	18	45	18	100	2
18*70*18D*150L*2F	18	70	18	150	2
20*45*20D*100L*2F	20	45	20	100	2
20*70*20D*150L*2F	20	70	20	150	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度铝用3刃平刀

HRC55 3 Flutes Flat/Square End Mill For Aluminum

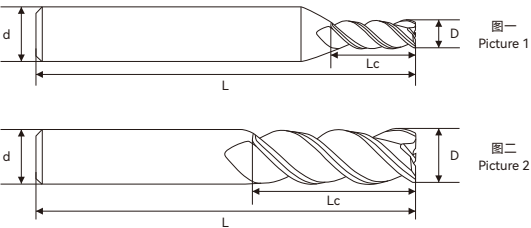


● 适合加工材料：铝合金、铜合金

Suitable for: Aluminum alloy, copper alloy

材料成分 Material composition

钴含量10%，HRA91.2-91.7



产品优势 Product advantages

- 1、兼顾大容屑槽和三刃设计，通用性好，加工效率更高
- 2、刃口光滑，不易粘铝

1. Balancing large capacity chip groove and three blade design, with good versatility and higher processing efficiency
2. Smooth cutting edge, not easy to stick to aluminum

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy	ap≤1.5D	ae≤0.2D	150(60-350)	0.0065D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*9*3D*50L*3F	3	9	3	50	3
3*12*3D*75L*3F	3	12	3	75	3
3*15*3D*100L*3F	3	15	3	100	3
1*3*4D*50L*3F	1	3	4	50	3
1.5*5*4D*50L*3F	1.5	5	4	50	3
2*6*4D*50L*3F	2	6	4	50	3
2.5*8*4D*50L*3F	2.5	8	4	50	3
3*9*4D*50L*3F	3	9	4	50	3
3.5*12*4D*50L*3F	3.5	12	4	50	3
4*12*4D*50L*3F	4	12	4	50	3
4*20*4D*75L*3F	4	20	4	75	3
4*25*4D*100L*3F	4	25	4	100	3
5*15*5D*50L*3F	5	15	5	50	3
5*20*5D*75L*3F	5	20	5	75	3
5*25*5D*100L*3F	5	25	5	100	3
1*3*6D*50L*3F	1	3	6	50	3
1.5*5*6D*50L*3F	1.5	5	6	50	3
2*6*6D*50L*3F	2	6	6	50	3
2.5*8*6D*50L*3F	2.5	8	6	50	3
3*9*6D*50L*3F	3	9	6	50	3
3.5*12*6D*50L*3F	3.5	12	6	50	3
4*12*6D*50L*3F	4	12	6	50	3
4.5*14*6D*50L*3F	4.5	14	6	50	3
5*15*6D*50L*3F	5	15	6	50	3
5.5*18*6D*50L*3F	5.5	18	6	50	3
6*18*6D*50L*3F	6	18	6	50	3
6*30*6D*75L*3F	6	30	6	75	3
6*30*6D*100L*3F	6	30	6	100	3
6*40*6D*150L*3F	6	40	6	150	3
7*21*8D*60L*3F	7	21	8	60	3
8*24*8D*60L*3F	8	24	8	60	3
8*35*8D*75L*3F	8	35	8	75	3
8*40*8D*100L*3F	8	40	8	100	3
8*50*8D*150L*3F	8	50	8	150	3
9*27*10D*75L*3F	9	27	10	75	3
10*30*10D*75L*3F	10	30	10	75	3
10*40*10D*100L*3F	10	40	10	100	3
10*50*10D*150L*3F	10	50	10	150	3
11*33*12D*75L*3F	11	33	12	75	3
12*36*12D*75L*3F	12	36	12	75	3
12*45*12D*100L*3F	12	45	12	100	3
12*60*12D*150L*3F	12	60	12	150	3
14*35*14D*80L*3F	14	35	14	80	3
14*45*14D*100L*3F	14	45	14	100	3
14*65*14D*150L*3F	14	65	14	150	3
16*45*16D*100L*3F	16	45	16	100	3
16*65*16D*150L*3F	16	65	16	150	3
18*45*18D*100L*3F	18	45	18	100	3
18*70*18D*150L*3F	18	70	18	150	3
20*45*20D*100L*3F	20	45	20	100	3
20*70*20D*150L*3F	20	70	20	150	3

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度铝用2刃球刀

HRC55 2 Flutes Ball Nose End Mill For Aluminum

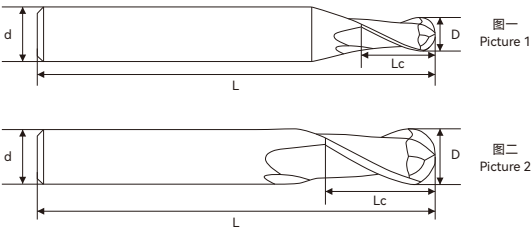


● 适合加工材料：铸造铝合金、铜合金

Suitable for: Aluminum alloy, copper alloy

材料成分 Material composition

钴含量10%，HRA91.2-91.7



产品优势 Product advantages

- 1、轮廓精度高，加工零件轮廓更精确
- 2、刃口光滑，不易粘铝

- 1. High contour accuracy, more precise machining of part contours
- 2. Smooth cutting edge, not easy to stick to aluminum

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy	ap≤0.3D	ae≤0.3D	150(60-350)	0.02D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

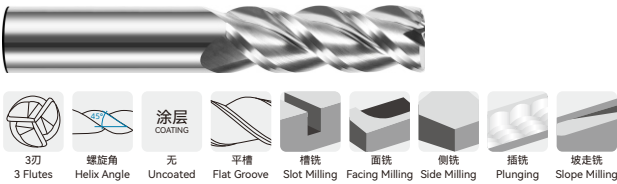
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3D*50L*2F	1.5	6	3	50	2
R1.5*6*3D*75L*2F	1.5	6	3	75	2
R1.5*6*3D*100L*2F	1.5	6	3	100	2
R0.5*2*4D*50L*2F	0.5	2	4	50	2
R0.75*3*4D*50L*2F	0.75	3	4	50	2
R1*4*4D*50L*2F	1	4	4	50	2
R1.25*5*4D*50L*2F	1.25	5	4	50	2
R1.5*6*4D*50L*2F	1.5	6	4	50	2
R1.75*7*4D*50L*2F	1.75	7	4	50	2
R2*8*4D*50L*2F	2	8	4	50	2
R0.5*2*4D*75L*2F	0.5	2	4	75	2
R0.75*3*4D*75L*2F	0.75	3	4	75	2
R1*4*4D*75L*2F	1	4	4	75	2
R1.25*5*4D*75L*2F	1.25	5	4	75	2
R1.5*6*4D*75L*2F	1.5	6	4	75	2
R2*8*4D*75L*2F	2	8	4	75	2
R2*8*4D*100L*2F	2	8	4	100	2
R2.5*10*5D*50L*2F	2.5	10	5	50	2
R2.5*10*5D*75L*2F	2.5	10	5	75	2
R2.5*10*5D*100L*2F	2.5	10	5	100	2
R0.5*2*6D*50L*2F	0.5	2	6	50	2
R0.75*3*6D*50L*2F	0.75	3	6	50	2
R1*4*6D*50L*2F	1	4	6	50	2
R1.25*5*6D*50L*2F	1.25	5	6	50	2
R1.5*6*6D*50L*2F	1.5	6	6	50	2
R1.75*7*6D*50L*2F	1.75	7	6	50	2
R2*8*6D*50L*2F	2	8	6	50	2
R2.5*10*6D*50L*2F	2.5	10	6	50	2
R3*12*6D*50L*2F	3	12	6	50	2
R3*12*6D*75L*2F	3	12	6	75	2
R3*12*6D*100L*2F	3	12	6	100	2
R3*12*6D*150L*2F	3	12	6	150	2
R3.5*14*8D*60L*2F	3.5	14	8	60	2
R4*16*8D*60L*2F	4	16	8	60	2
R4*16*8D*75L*2F	4	16	8	75	2
R4*16*8D*100L*2F	4	16	8	100	2
R4*16*8D*150L*2F	4	16	8	150	2
R4.5*18*10D*75L*2F	4.5	18	10	75	2
R5*20*10D*75L*2F	5	20	10	75	2
R5*20*10D*100L*2F	5	20	10	100	2
R5*20*10D*150L*2F	5	20	10	150	2
R5.5*22*12D*75L*2F	5.5	22	12	75	2
R6*24*12D*75L*2F	6	24	12	75	2
R6*24*12D*100L*2F	6	24	12	100	2
R6*24*12D*150L*2F	6	24	12	150	2
R6.5*26*14D*100L*2F	6.5	26	14	100	2
R7*28*14D*80L*2F	7	28	14	80	2
R7*28*14D*100L*2F	7	28	14	100	2
R7*28*14D*150L*2F	7	28	14	150	2
R8*32*16D*100L*2F	8	32	16	100	2
R8*32*16D*150L*2F	8	32	16	150	2
R9*36*18D*100L*2F	9	36	18	100	2
R9*36*18D*150L*2F	9	36	18	150	2
R10*40*20D*100L*2F	10	40	20	100	2
R10*40*20D*150L*2F	10	40	20	150	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度铝用3刃圆鼻刀

HRC55 3 Flutes Corner Radius/Bull Nose End Mill For Aluminum



● 适合加工材料：铸造铝合金、铜合金

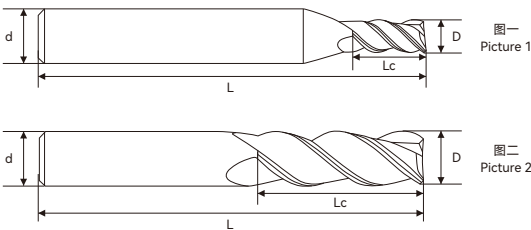
Suitable for: Cast aluminum alloys, copper alloys

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

- 1、R刃尖，刃口强度高，不易崩刀，更耐磨，寿命更好
- 2、面铣表面粗糙度比平刀更好
- 3、刃口光滑，不易粘铝



Cobalt content 10%, HRA91.2-91.7

- 1. R-blade tip, high blade strength, less prone to breakage, more wear-resistant, and longer lifespan
- 2. Surface milling has better surface roughness than flat cutting
- 3. Smooth cutting edge, not easy to stick to aluminum

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy	ap≤1.5D	ae≤0.2D	150(60-350)	0.0065D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

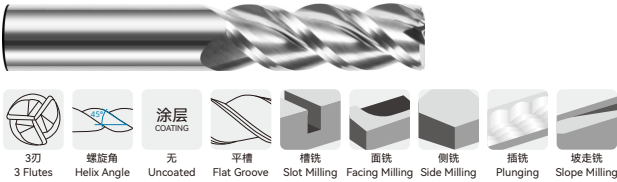
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
3R0.5*9*3D*50L*3F	3	0.5	9	3	50	3
3R0.5*12*3D*75L*3F	3	0.5	12	3	75	3
3R0.5*15*3D*100L*3F	3	0.5	15	3	100	3
3R1*9*3D*50L*3F	3	1	9	3	50	3
3R1*12*3D*75L*3F	3	1	12	3	75	3
3R1*12*3D*100L*3F	3	1	12	3	50	3
1R0.2*3*4D*50L*3F	1	0.2	3	4	50	3
1.5R0.2*5*4D*50L*3F	1.5	0.2	5	4	50	3
2R0.2*6*4D*50L*3F	2	0.2	6	4	50	3
3R0.2*9*4D*50L*3F	3	0.2	9	4	50	3
4R0.2*12*4D*50L*3F	4	0.2	12	4	50	3
2R0.5*6*4D*50L*3F	2	0.5	6	4	50	3
3R0.5*9*4D*50L*3F	3	0.5	9	4	50	3
4R0.5*12*4D*50L*3F	4	0.5	12	4	50	3
4R0.5*20*4D*75L*3F	4	0.5	20	4	75	3
4R0.5*25*4D*100L*3F	4	0.5	25	4	100	3
3R1*9*4D*50L*3F	3	1	9	4	50	3
4R1*12*4D*50L*3F	4	1	12	4	50	3
4R1*20*4D*75L*3F	4	1	20	4	75	3
4R1*25*4D*100L*3F	4	1	25	4	100	3
5R0.5*15*5D*50L*3F	5	0.5	15	5	50	3
5R0.5*20*5D*75L*3F	5	0.5	20	5	75	3
5R0.5*25*5D*100L*3F	5	0.5	25	5	100	3
5R1*15*5D*50L*3F	5	1	15	5	50	3
5R1*20*5D*75L*3F	5	1	20	5	75	3
5R1*25*5D*100L*3F	5	1	25	5	100	3
6R0.2*18*6D*50L*3F	6	0.2	18	6	50	3
6R0.2*24*6D*75L*3F	6	0.2	24	6	75	3
6R0.2*30*6D*75L*3F	6	0.2	30	6	75	3
5R0.5*15*6D*50L*3F	6	0.5	15	6	50	3
6R0.5*18*6D*50L*3F	6	0.5	18	6	50	3
6R0.5*30*6D*75L*3F	6	0.5	30	6	75	3
6R0.5*30*6D*100L*3F	6	0.5	30	6	100	3
6R0.5*40*6D*150L*3F	6	0.5	40	6	150	3
6R1*18*6D*50L*3F	6	1	18	6	50	3
6R1*30*6D*75L*3F	6	1	30	6	75	3
6R1*30*6D*100L*3F	6	1	30	6	100	3
6R1*40*6D*150L*3F	6	1	40	6	150	3
6R1.5*18*6D*50L*3F	6	1.5	18	6	50	3
8R0.2*24*8D*60L*3F	8	0.2	24	8	60	3
8R0.5*24*8D*60L*3F	8	0.5	24	8	60	3
8R0.5*35*8D*75L*3F	8	0.5	35	8	75	3
8R0.5*40*8D*100L*3F	8	0.5	40	8	100	3
8R0.5*50*8D*150L*3F	8	0.5	50	8	150	3
8R1*24*8D*60L*3F	8	1	24	8	60	3
8R1*35*8D*75L*3F	8	1	35	8	75	3
8R1*40*8D*100L*3F	8	1	40	8	100	3
8R1*50*8D*150L*3F	8	1	50	8	150	3
8R2*24*8D*60L*3F	8	2	24	8	60	3
8R2*40*8D*100L*3F	8	2	40	8	100	3
8R3*24*8D*60L*3F	8	3	24	8	60	3
10R0.2*30*10D*75L*3F	10	0.2	30	10	75	3
10R0.5*30*10D*75L*3F	10	0.5	30	10	75	3

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度铝用3刃圆鼻刀

HRC55 3 Flutes Corner Radius/Bull Nose End Mill For Aluminum



● 适合加工材料：铸造铝合金、铜合金

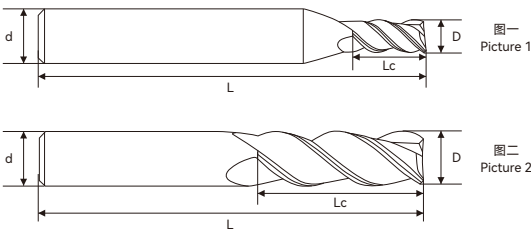
Suitable for: Cast aluminum alloys, copper alloys

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

- 1、R刃尖，刃口强度高，不易崩刃，更耐磨，寿命更好
- 2、面铣表面粗糙度比平刀更好
- 3、刃口光滑，不易粘铝



Cobalt content 10%, HRA91.2-91.7

- 1. R-blade tip, high blade strength, less prone to breakage, more wear-resistant, and longer lifespan
- 2. Surface milling has better surface roughness than flat cutting
- 3. Smooth cutting edge, not easy to stick to aluminum

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	R角	刃长 Lc	柄径 d	总长 L	
10R0.5*40*10D*100L*3F	10	0.5	40	10	100	3
10R0.5*50*10D*150L*3F	10	0.5	50	10	150	3
10R1*30*10D*75L*3F	10	1	30	10	75	3
10R1*40*10D*100L*3F	10	1	40	10	100	3
10R1*50*10D*150L*3F	10	1	50	10	150	3
10R1.5*30*10D*75L*3F	10	1.5	30	10	75	3
10R2*30*10D*75L*3F	10	2	30	10	75	3
10R2*40*10D*100L*3F	10	2	40	10	100	3
10R3*30*10D*75L*3F	10	3	30	10	75	3
12R0.2*36*12D*75L*3F	12	0.2	36	12	75	3
12R0.5*36*12D*75L*3F	12	0.5	36	12	75	3
12R0.5*45*12D*100L*3F	12	0.5	45	12	100	3
12R0.5*60*12D*150L*3F	12	0.5	60	12	150	3
12R1*36*12D*75L*3F	12	1	36	12	75	3
12R1*45*12D*100L*3F	12	1	45	12	100	3
12R1*60*12D*150L*3F	12	1	60	12	150	3
12R2*36*12D*75L*3F	12	2	36	12	75	3
12R2*45*12D*100L*3F	12	2	45	12	100	3
12R3*36*12D*75L*3F	12	3	36	12	75	3
12R3*45*12D*100L*3F	12	3	45	12	100	3
16R0.5*45*16*100*3F	16	0.5	45	16	100	3
16R1*45*16*100L*3F	16	1	45	16	100	3
16R2*45*16D*100L*3F	16	2	45	16	100	3
16R3*45*16D*100L*3F	16	3	45	16	100	3

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy	ap≤1.5D	ae≤0.2D	150(60-350)	0.0065D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

55度钢用4刃倒角刀

HRC55 4 Flutes Chamfering End Mill



● 适合加工材料：碳钢、合金钢、铸铁

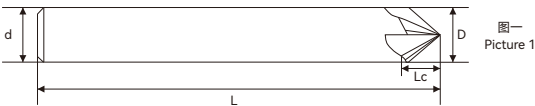
Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7

产品优势 Product advantages

多刃设计，效率和刀具寿命更高



Cobalt content 10%, HRA91.2-91.7

Multi blade design for higher efficiency and tool life

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)			120	0.025D
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)			90	0.025D
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

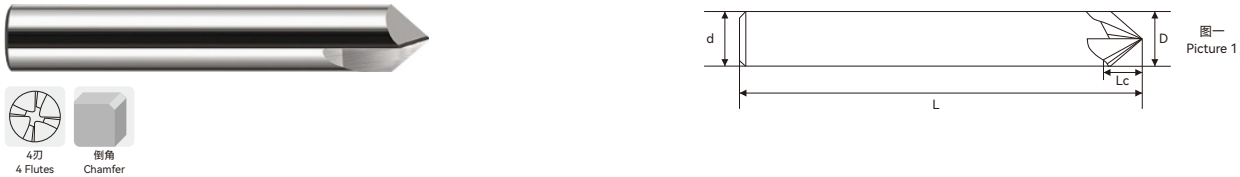
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*4*3D*50L*90°4F	3	4	3	50	90°
4*5*4D*50L*90°4F	4	5	4	50	90°
5*6*5D*50L*90°4F	5	6	5	50	90°
6*7*6D*50L*90°4F	6	7	6	50	90°
8*10*8D*60L*90°4F	8	10	8	60	90°
10*12*10D*75L*90°4F	10	12	10	75	90°
12*14*12D*75L*90°4F	12	14	12	75	90°
14*17*14D*75L*90°4F	14	17	14	75	90°
16*19*16D*100L*90°4F	16	19	16	100	90°

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度铝用4刃倒角刀

HRC55 4 Flutes Chamfering End Mill For Aluminum



● 适合加工材料：铝合金、铜合金

Suitable for: Aluminum alloy, copper alloy

材料成分 Material composition

钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

多刃设计，效率和刀具寿命更高

Multi blade design for higher efficiency and tool life

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy			130	0.05D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

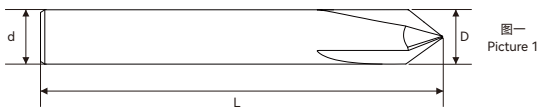
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*4*3D*50L*90°4F	3	4	3	50	90°
4*5*4D*50L*90°4F	4	5	4	50	90°
5*6*5D*50L*90°4F	5	6	5	50	90°
6*7*6D*50L*90°4F	6	7	6	50	90°
8*10*8D*60L*90°4F	8	10	8	60	90°
10*12*10D*75L*90°4F	10	12	10	75	90°
12*14*12D*75L*90°4F	12	14	12	75	90°
14*17*14D*75L*90°4F	14	17	14	75	90°
16*19*16D*100L*90°4F	16	19	16	100	90°

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55度铝用3刃倒角刀

HRC55 3 Flutes Chamfering End Mill For Aluminum



● 适合加工材料：铝合金、铜合金

Suitable for: Aluminum alloy, copper alloy

材料成分 Material composition

钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

多刃设计，效率和刀具寿命更高

Multi blade design for higher efficiency and tool life

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)				
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)				
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy			130	0.05D
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

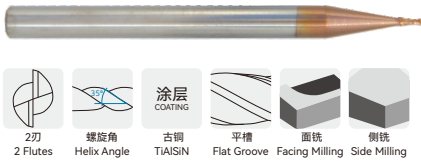
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification			角度 Angle
	刃径 D	柄径 d	总长 L	
D1*60°*D4*50L*3F	1	4	50	60°
D2*60°*D4*50L*3F	2	4	50	60°
D3*60°*D4*50L*3F	3	4	50	60°
D4*60°*D4*50L*3F	4	4	50	60°
D5*60°*D5*50L*3F	5	5	50	60°
D6*60°*D6*50L*3F	6	6	50	60°
D8*60°*D8*60L*3F	8	8	60	60°
D10*60°*D10*60L*3F	10	10	60	60°
D12*60°*D12*60L*3F	12	12	60	60°
D1*90°*D4*50L*3F	1	4	50	90°
D2*90°*D4*50L*3F	2	4	50	90°
D3*90°*D4*50L*3F	3	4	50	90°
D4*90°*D4*50L*3F	4	4	50	90°
D5*90°*D5*50L*3F	5	5	50	90°
D6*90°*D6*50L*3F	6	6	50	90°
D8*90°*D8*60L*3F	8	8	60	90°
D10*90°*D10*60L*3F	10	10	60	90°
D12*90°*D12*60L*3F	12	12	60	90°
D1*120°*D4*50L*3F	1	4	50	120°
D2*120°*D4*50L*3F	2	4	50	120°
D3*120°*D4*50L*3F	3	4	50	120°
D4*120°*D4*50L*3F	4	4	50	120°
D5*120°*D5*50L*3F	5	5	50	120°
D6*120°*D6*50L*3F	6	6	50	120°
D8*120°*D8*60L*3F	8	8	60	120°
D10*120°*D10*60L*3F	10	10	60	120°
D12*120°*D12*60L*3F	12	12	60	120°

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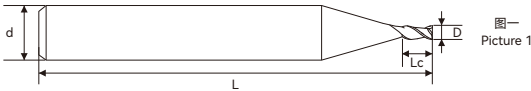
55度2刃微径平刀

HRC55 2 Flutes Micro Flat/Square End Mill



● 适合加工材料：碳钢、合金钢、铸铁

Suitable for: Carbon steel, alloy steel, cast iron



材料成分 Material composition

钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

两刃设计，排屑槽空间大，排屑顺畅，刀具寿命稳定

Two blade design, large chip groove space, smooth chip removal, stable tool life

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D		
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D		
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

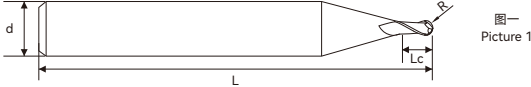
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
0.2*0.4*4D*50L*2F	0.2	0.4	4	50	2
0.3*0.6*4D*50L*2F	0.3	0.6	4	50	2
0.4*0.8*4D*50L*2F	0.4	0.8	4	50	2
0.5*1.0*4D*50L*2F	0.5	1	4	50	2
0.6*1.2*4D*50L*2F	0.6	1.2	4	50	2
0.7*1.4*4D*50L*2F	0.7	1.4	4	50	2
0.8*1.6*4D*50L*2F	0.8	1.6	4	50	2
0.9*1.8*4D*50L*2F	0.9	1.8	4	50	2

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

55度2刃微径球刀

HRC55 2 Flutes Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、铸铁

Suitable for: Carbon steel, alloy steel, cast iron

材料成分 Material composition

钴含量10%，HRA91.2-91.7

Cobalt content 10%, HRA91.2-91.7

产品优势 Product advantages

2刃球刀，适用于各种曲面仿形

Two blade ball cutter: suitable for various surface profiling

适合加工材料及加工参数 Suitable for processing materials and processing parameters

适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon Steel Alloy Steel (<35HRC)	ap≤1.5D	ae≤0.15D		
	合金钢(35-48HRC) Alloy Steel (35-48HRC)				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast Iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.15D		
N	铝合金、铜合金 Aluminum Alloy, Copper Alloy				
H	合金钢、淬硬钢(45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)				

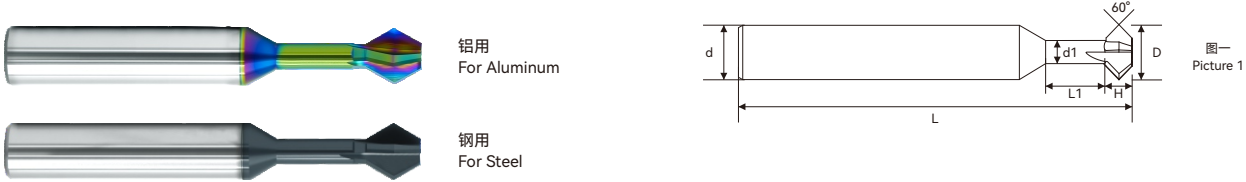
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R0.1*0.4*4D*50L*2F	0.1	0.4	4	50	2
R0.15*0.6*4D*50L*2F	0.15	0.6	4	50	2
R0.2*0.8*4D*50L*2F	0.2	0.8	4	50	2
R0.25*1*4D*50L*2F	0.25	1	4	50	2
R0.3*1.2*4D*50L*2F	0.3	1.2	4	50	2
R0.35*1.4*4D*50L*2F	0.35	1.4	4	50	2
R0.4*1.6*4D*50L*2F	0.4	1.6	4	50	2
R0.45*1.8*4D*50L*2F	0.45	1.8	4	50	2
R0.6*2.4*4D*50L*2F	0.6	2.4	4	50	2

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55度上下倒角刀

HRC55 Up-Down Chamfer End Mill



● 铝用适合加工材料：铝合金、铜合金

For Aluminum: aluminum alloy, copper alloy,

● 钢用适合加工材料：碳钢、合金钢、铸铁

For Steel: carbon steel, alloy steel, cast iron

型号 Type	规格 Specification						角度 Angle
	刃径 D	刃厚 H	避让直径 d1	避空长 L1	柄径 d	总长 L	
D2*60°*0.64H*d0.9*3L*D4*50L	2	0.64	0.9	3	4	50	60°
D3*60°*0.92H*d1.4*4L*D4*50L	3	0.92	1.4	4	4	50	60°
D4*60°*1.24H*d1.9*8L*D4*50L	4	1.24	1.9	8	4	50	60°
D5*60°*1.56H*d2.3*10L*D6*50L	5	1.56	2.3	10	6	50	60°
D6*60°*1.9H*d2.8*10L*D6*50L	6	1.9	2.8	10	6	50	60°
D8*60°*2.54H*d3.6*12L*D8*60L	8	2.54	3.6	12	8	60	60°
D10*60°*3.18H*d4.5*15L*D10*60L	10	3.18	4.5	15	10	60	60°
D12*60°*3.81H*d5.4*18L*D12*60L	12	3.81	5.4	18	12	60	60°
D2*90°*1.1H*d0.9*3L*D4*50L	2	1.1	0.9	3	4	50	90°
D3*90°*1.6H*d1.4*4L*D4*50L	3	1.6	1.4	4	4	50	90°
D4*90°*2.15H*d1.9*8L*D4*50L	4	2.15	1.9	8	4	50	90°
D5*90°*2.7H*d2.3*10L*D6*50L	5	2.7	2.3	10	6	50	90°
D6*90°*3.3H*d2.8*10L*D6*50L	6	3.3	2.8	10	6	50	90°
D8*90°*4.4H*d3.6*12L*D8*60L	8	4.4	3.6	12	8	60	90°
D10*90°*5.5H*d4.5*15L*D10*60L	10	5.5	4.5	15	10	60	90°
D12*90°*6.6H*d5.4*18L*D12*60L	12	6.6	5.4	18	12	60	90°
D2*120°*1.9H*d0.9*3L*D4*50L	2	1.9	0.9	3	4	50	120°
D3*120°*2.77H*d1.4*4L*D4*50L	3	2.77	1.4	4	4	50	120°
D4*120°*3.72H*d1.9*8L*D4*50L	4	3.72	1.9	8	4	50	120°
D5*120°*4.67H*d2.3*10L*D6*50L	5	4.67	2.3	10	6	50	120°
D6*120°*5.71H*d2.8*10L*D6*50L	6	5.71	2.8	10	6	50	120°
D8*120°*7.62H*d3.6*12L*D8*60L	8	7.62	3.6	12	8	60	120°
D10*120°*9.53H*d4.5*15L*D10*60L	10	9.53	4.5	15	10	60	120°
D12*120°*11.43H*d5.4*18L*D12*60L	12	11.43	5.4	18	12	60	120°

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55度T型圆弧铣刀

HRC55 T-Slot Corner Radius End Mill



● 铝用适合加工材料：铝合金、铜合金

For Aluminum: aluminum alloy, copper alloy,

● 钢用适合加工材料：碳钢、合金钢、铸铁

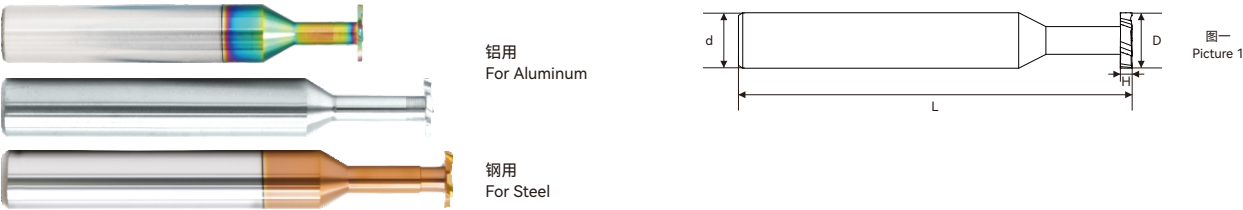
For Steel: carbon steel, alloy steel, cast iron

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	圆弧R角 R	刃厚 H	柄径 d	总长 L	
D4R0.25*0.5H*D4*50L*4F	4	0.25	0.5	4	50	4
D4R0.5*1H*D4*50L*4F	4	0.5	1	4	50	4
D4R0.75*1.5H*D4*50L*4F	4	0.75	1.5	4	50	4
D4R1*2H*D4*50L*4F	4	1	2	4	50	4
D4R1.5*3H*D4*50L*4F	4	1.5	3	4	50	4
D4R2*4H*D4*50L*4F	4	2	4	4	50	4
D4R2.5*5H*D4*50L*4F	4	2.5	5	4	50	4
D6R0.5*1H*D6*50L*4F	6	0.5	1	6	50	4
D6R0.75*1.5H*D6*50L*4F	6	0.75	1.5	6	50	4
D6R1*2H*D6*50L*4F	6	1	2	6	50	4
D6R1.5*3H*D6*50L*4F	6	1.5	3	6	50	4
D6R2*4H*D6*50L*4F	6	2	4	6	50	4
D6R2.5*5H*D6*50L*4F	6	2.5	5	6	50	4
D8R0.5*1H*D8*60L*4F	8	0.5	1	8	60	4
D8R0.75*1.5H*D8*60L*4F	8	0.75	1.5	8	60	4
D8R1*2H*D8*60L*4F	8	1	2	8	60	4
D8R1.5*3H*D8*60L*4F	8	1.5	3	8	60	4
D8R2*4H*D8*60L*4F	8	2	4	8	60	4
D8R2.5*5H*D8*60L*4F	8	2.5	5	8	60	4
D10R0.5*1H*D10*60L*4F	10	0.5	1	10	60	4
D10R0.75*1.5H*D10*60L*4F	10	0.75	1.5	10	60	4
D10R1*2H*D10*60L*4F	10	1	2	10	60	4
D10R1.5*3H*D10*60L*4F	10	1.5	3	10	60	4
D10R2*4H*D10*60L*4F	10	2	4	10	60	4
D10R3*6H*D10*60L*4F	10	3	6	10	60	4
D12R0.5*1H*D12*60L*4F	12	0.5	1	12	60	4
D12R0.75*1.5H*D12*60L*4F	12	0.75	1.5	12	60	4
D12R1*2H*D12*60L*4F	12	1	2	12	60	4
D12R1.5*3H*D12*60L*4F	12	1.5	3	12	60	4
D12R2*4H*D12*60L*4F	12	2	4	12	60	4
D12R2.5*5H*D12*60L*4F	12	2.5	5	12	60	4
D12R3*6H*D12*60L*4F	12	3	6	12	60	4

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55度T型铣刀

HRC55 T-Slot End Mill



- 铝用适合加工材料：铝合金、铜合金

For Aluminum: aluminum alloy, copper alloy,
- 钢用适合加工材料：碳钢、合金钢、铸铁

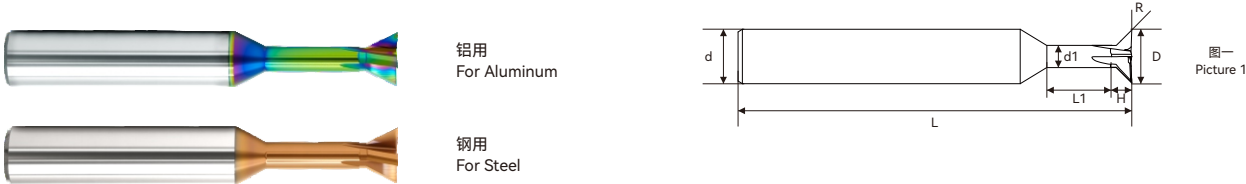
For Steel: carbon steel, alloy steel, cast iron

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃厚 H	柄径 d	总长 L	
D4*1.0H*D4*50L*4F	4	1.0	4	50	4
D4*1.5H*D4*50L*4F	4	1.5	4	50	4
D4*2.0H*D4*50L*4F	4	2.0	4	50	4
D6*1.0H*D6*50L*4F	6	1.0	6	50	4
D6*1.5H*D6*50L*4F	6	1.5	6	50	4
D6*2.0H*D6*50L*4F	6	2.0	6	50	4
D6*2.5H*D6*50L*4F	6	2.5	6	50	4
D6*3.0H*D6*50L*4F	6	3.0	6	50	4
D8*1.0H*D8*60L*4F	8	1.0	8	60	4
D8*1.5H*D8*60L*4F	8	1.5	8	60	4
D8*2.0H*D8*60L*4F	8	2.0	8	60	4
D8*2.5H*D8*60L*4F	8	2.5	8	60	4
D8*3.0H*D8*60L*4F	8	3.0	8	60	4
D10*1.0H*D10*60L*4F	10	1.0	10	60	4
D10*1.5H*D10*60L*4F	10	1.5	10	60	4
D10*2.0H*D10*60L*4F	10	2.0	10	60	4
D10*2.5H*D10*60L*4F	10	2.5	10	60	4
D10*3.0H*D10*60L*4F	10	3.0	10	60	4
D12*1.0H*D12*60L*4F	12	1.0	12	60	4
D12*1.5H*D12*60L*4F	12	1.5	12	60	4
D12*2.0H*D12*60L*4F	12	2.0	12	60	4
D12*2.5H*D12*60L*4F	12	2.5	12	60	4
D12*3.0H*D12*60L*4F	12	3.0	12	60	4

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55度T型燕尾铣刀

HRC55 Dove Tail End Mill



- 铝用适合加工材料：铝合金、铜合金

For Aluminum: aluminum alloy, copper alloy,
- 钢用适合加工材料：碳钢、合金钢、铸铁

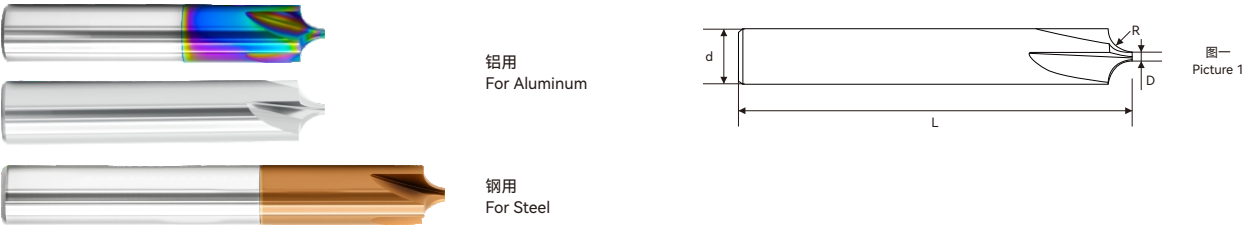
For Steel: carbon steel, alloy steel, cast iron

型号 Type	规格 Specification							刃数 Flutes
	刃径 D	角度 R	刃厚 H	避空直径 d1	避空长 L1	柄径 d	总长 L	
D2*60°*0.32H*d0.9*4L*D4*50L*4F	2	60°	0.32	0.9	4	4	50	4
D3*60°*0.47H*d1.4*6L*D4*50L*4F	3	60°	0.47	1.4	6	4	50	4
D4*60°*0.62H*d1.9*8L*D4*50L*4F	4	60°	0.62	1.9	8	4	50	4
D5*60°*0.79H*d2.3*10L*D6*50L*4F	5	60°	0.79	2.3	10	6	50	4
D6*60°*0.94H*d2.8*10L*D6*50L*4F	6	60°	0.94	2.8	10	6	50	4
D8*60°*1.29H*d3.6*12L*D8*60L*4F	8	60°	1.29	3.6	12	8	60	4
D10*60°*1.61H*d4.5*15L*D10*60L*4F	10	60°	1.61	4.5	15	10	60	4
D12*60°*1.94H*d5.4*18L*D12*60L*4F	12	60°	1.94	5.4	18	12	60	4
D2*45°*0.55H*d0.9*4L*D4*50L*4F	2	45°	0.55	0.9	4	4	50	4
D3*45°*0.80H*d1.4*6L*D4*50L*4F	3	45°	0.80	1.4	6	4	50	4
D4*45°*1.05H*d1.9*8L*D4*50L*4F	4	45°	1.05	1.9	8	4	50	4
D5*45°*1.35H*d2.3*10L*D6*50L*4F	5	45°	1.35	2.3	10	6	50	4
D6*45°*1.60H*d2.8*10L*D6*50L*4F	6	45°	1.60	2.8	10	6	50	4
D8*45°*2.20H*d3.6*12L*D8*60L*4F	8	45°	2.20	3.6	12	8	60	4
D10*45°*2.75H*d4.5*15L*D10*60L*4F	10	45°	2.75	4.5	15	10	60	4
D12*45°*3.30H*d5.4*18L*D12*60L*4F	12	45°	3.30	5.4	18	12	60	4
D2*30°*0.96H*d0.9*4L*D4*50L*4F	2	30°	0.96	0.9	4	4	50	4
D3*30°*1.40H*d1.4*6L*D4*50L*4F	3	30°	1.40	1.4	6	4	50	4
D4*30°*1.84H*d1.9*8L*D4*50L*4F	4	30°	1.84	1.9	8	4	50	4
D5*30°*2.37H*d2.3*10L*D6*50L*4F	5	30°	2.37	2.3	10	6	50	4
D6*30°*2.81H*d2.8*10L*D6*50L*4F	6	30°	2.81	2.8	10	6	50	4
D8*30°*3.86H*d3.6*12L*D8*60L*4F	8	30°	3.86	3.6	12	8	60	4
D10*30°*4.82H*d4.5*15L*D10*60L*4F	10	30°	4.82	4.5	15	10	60	4
D12*30°*5.79H*d5.4*18L*D12*60L*4F	12	30°	5.79	5.4	18	12	60	4

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55度内R铣刀

HRC55 Internal R End Mill



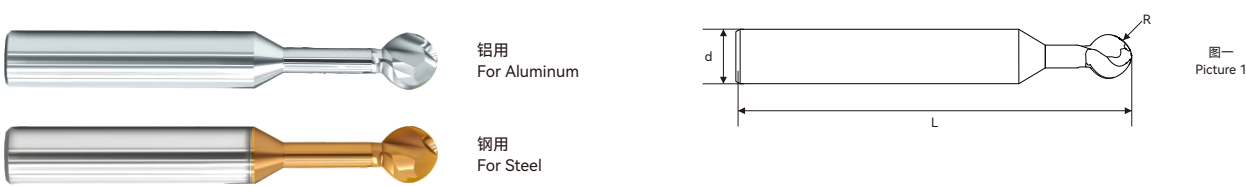
- 铝用适合加工材料：铝合金、铜合金
For Aluminum: aluminum alloy, copper alloy,
- 钢用适合加工材料：碳钢、合金钢、铸铁
For Steel: carbon steel, alloy steel, cast iron

型号 Type	规格 Specification				刃数 Flutes
	R角 R	刃径 D	柄径 d	总长 L	
R0.2*D3.8*D4*50L*4F	0.2	3.8	4	50	4
R0.3*D3.4*D4*50L*4F	0.3	3.4	4	50	4
R0.4*D3.2*D4*50L*4F	0.4	3.2	4	50	4
R0.5*D3.0*D4*50L*4F	0.5	3.0	4	50	4
R0.6*D2.8*D4*50L*4F	0.6	2.8	4	50	4
R0.7*D2.6*D4*50L*4F	0.7	2.6	4	50	4
R0.75*D2.5*D4*50L*4F	0.75	2.5	4	50	4
R0.8*D2.4*D4*50L*4F	0.8	2.4	4	50	4
R1.0*D2*D4*50L*4F	1.0	2	4	50	4
R1.0*D4*D6*50L*4F	1.0	4	6	50	4
R1.5*D3*D6*50L*4F	1.5	3	6	50	4
R2.0*D2*D6*50L*4F	2.0	2	6	50	4
R2.0*D4*D8*60L*4F	2.0	4	8	60	4
R2.5*D3*D8*60L*4F	2.5	3	8	60	4
R3.0*D2*D8*60L*4F	3.0	2	8	60	4
R3.0*D4*D10*60L*4F	3.0	4	10	60	4
R3.5*D3*D10*60L*4F	3.5	3	10	60	4
R4.0*D2*D10*60L*4F	4.0	2	10	60	4
R4.5*D3*D12*60L*4F	4.5	3	12	60	4
R5.0*D2*D12*60L*4F	5.0	2	12	60	4
R5.5*D3*D14*70L*4F	5.5	3	14	70	4
R6.0*D4*D16*70L*4F	6.0	4	16	70	4
R8.0*D4*D20*70L*4F	8.0	4	20	70	4

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55度棒棒糖球型铣刀

HRC55 Lolipop End Mill



- 铝用适合加工材料：铝合金、铜合金
For Aluminum: aluminum alloy, copper alloy,
- 钢用适合加工材料：碳钢、合金钢、铸铁
For Steel: carbon steel, alloy steel, cast iron

型号 Type	规格 Specification			刃数 Flutes
	球半径 R	柄径 d	总长 L	
R1*D4*50L*2F	1	4	50	2
R1.5*D4*50L*2F	1.5	4	50	2
R2*D4*50L*2F	2	4	50	2
R2.5*D6*50L*2F	2.5	6	50	2
R3*D6*50L*2F	3	6	50	2
R4*D8*60L*2F	4	8	60	2
R5*D10*60L*2F	5	10	60	2
R6*D12*60L*2F	6	12	60	2

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68度深沟平刀
HRC68 Long Neck End Mill



● 适合加工材料：65°热处理以下的模具钢
Suitable for: die steel heat-treated to below 65 HRC

型号 Type	规格 Specification						刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
0.2*4D*50L-L1	0.2	0.3	1.0	0.18	4	50	2
0.2*4D*50L-L1.5	0.2	0.3	1.5	0.18	4	50	2
0.2*4D*50L-L2	0.2	0.3	2.0	0.18	4	50	2
0.3*4D*50L-L1	0.3	0.5	1.0	0.27	4	50	2
0.3*4D*50L-L1.5	0.3	0.5	1.5	0.27	4	50	2
0.3*4D*50L-L2	0.3	0.5	2.0	0.27	4	50	2
0.3*4D*50L-L3	0.3	0.5	3.0	0.27	4	50	2
0.4*4D*50L-L1	0.4	0.6	1.0	0.37	4	50	2
0.4*4D*50L-L1.5	0.4	0.6	1.5	0.37	4	50	2
0.4*4D*50L-L2	0.4	0.6	2.0	0.37	4	50	2
0.4*4D*50L-L3	0.4	0.6	3.0	0.37	4	50	2
0.4*4D*50L-L4	0.4	0.6	4.0	0.37	4	50	2
0.5*4D*50L-L2	0.5	0.8	2.0	0.46	4	50	2
0.5*4D*50L-L3	0.5	0.8	3.0	0.46	4	50	2
0.5*4D*50L-L4	0.5	0.8	4.0	0.46	4	50	2
0.5*4D*50L-L5	0.5	0.8	5.0	0.46	4	50	2
0.5*4D*50L-L6	0.5	0.8	6.0	0.46	4	50	2
0.6*4D*50L-L2	0.6	0.9	2.0	0.56	4	50	2
0.6*4D*50L-L3	0.6	0.9	3.0	0.56	4	50	2
0.6*4D*50L-L4	0.6	0.9	4.0	0.56	4	50	2
0.6*4D*50L-L5	0.6	0.9	5.0	0.56	4	50	2
0.6*4D*50L-L6	0.6	0.9	6.0	0.56	4	50	2
0.6*4D*50L-L8	0.6	0.9	8.0	0.56	4	50	2
0.7*4D*50L-L3	0.7	1.1	3.0	0.66	4	50	2
0.7*4D*50L-L4	0.7	1.1	4.0	0.66	4	50	2
0.7*4D*50L-L5	0.7	1.1	5.0	0.66	4	50	2
0.7*4D*50L-L6	0.7	1.1	6.0	0.66	4	50	2
0.7*4D*50L-L8	0.7	1.1	8.0	0.66	4	50	2
0.8*4D*50L-L3	0.8	1.2	3.0	0.76	4	50	2
0.8*4D*50L-L4	0.8	1.2	4.0	0.76	4	50	2
0.8*4D*50L-L5	0.8	1.2	5.0	0.76	4	50	2
0.8*4D*50L-L6	0.8	1.2	6.0	0.76	4	50	2
0.8*4D*50L-L8	0.8	1.2	8.0	0.76	4	50	2

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68度深沟平刀
HRC68 Long Neck End Mill



● 适合加工材料：65°热处理以下的模具钢
Suitable for: die steel heat-treated to below 65 HRC

型号 Type	规格 Specification						刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
1.0*4D*50L-L4	1.0	1.5	4.0	0.95	4	50	4
1.0*4D*50L-L5	1.0	1.5	5.0	0.95	4	50	4
1.0*4D*50L-L6	1.0	1.5	6.0	0.95	4	50	4
1.0*4D*50L-L8	1.0	1.5	8.0	0.95	4	50	4
1.0*4D*50L-L10	1.0	1.5	10.0	0.95	4	50	4
1.0*4D*50L-L12	1.0	1.5	12.0	0.95	4	50	4
1.5*4D*50L-L6	1.5	2.3	6.0	1.45	4	50	4
1.5*4D*50L-L8	1.5	2.3	8.0	1.45	4	50	4
1.5*4D*50L-L10	1.5	2.3	10.0	1.45	4	50	4
1.5*4D*50L-L12	1.5	2.3	12.0	1.45	4	50	4
2.0*4D*50L-L8	2.0	3.0	8.0	1.95	4	50	4
2.0*4D*50L-L10	2.0	3.0	10.0	1.95	4	50	4
2.0*4D*50L-L12	2.0	3.0	12.0	1.95	4	50	4
2.0*4D*50L-L14	2.0	3.0	14.0	1.95	4	50	4
2.0*4D*50L-L16	2.0	3.0	16.0	1.95	4	50	4
2.5*4D*50L-L10	2.5	3.8	10.0	2.42	4	50	4
2.5*4D*50L-L12	2.5	3.8	12.0	2.42	4	50	4
2.5*4D*50L-L14	2.5	3.8	14.0	2.42	4	50	4
2.5*4D*50L-L16	2.5	3.8	16.0	2.42	4	50	4
2.5*4D*50L-L20	2.5	3.8	20.0	2.42	4	50	4
3.0*4D*50L-L12	3.0	4.5	12.0	2.9	4	50	4
3.0*4D*50L-L16	3.0	4.5	16.0	2.9	4	50	4
3.0*4D*50L-L20	3.0	4.5	20.0	2.9	4	50	4
3.0*6D*60L-L12	3.0	4.5	12.0	2.9	6	60	4
3.0*6D*60L-L16	3.0	4.5	16.0	2.9	6	60	4
3.0*6D*60L-L20	3.0	4.5	20.0	2.9	6	60	4
4.0*6D*60L-L12	4.0	6.0	12.0	3.9	6	60	4
4.0*6D*60L-L16	4.0	6.0	16.0	3.9	6	60	4
4.0*6D*60L-L20	4.0	6.0	20.0	3.9	6	60	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

68度深沟球刀

HRC68 Long Neck Ball Nose End Mill



● 适合加工材料： 65°热处理以下的模具钢

Suitable for: die steel heat-treated to below 65 HRC

型号 Type	规格 Specification						刃数 Flutes
	刃半径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
R0.1*4D*50L-L1	0.1	0.2	1.0	0.18	4	50	2
R0.1*4D*50L-L1.5	0.1	0.2	1.5	0.18	4	50	2
R0.1*4D*50L-L2	0.1	0.2	2.0	0.18	4	50	2
R0.15*4D*50L-L1	0.15	0.3	1.0	0.27	4	50	2
R0.15*4D*50L-L1.5	0.15	0.3	1.5	0.27	4	50	2
R0.15*4D*50L-L2	0.15	0.3	2.0	0.27	4	50	2
R0.15*4D*50L-L3	0.15	0.3	3.0	0.27	4	50	2
R0.2*4D*50L-L1	0.2	0.4	1.0	0.37	4	50	2
R0.2*4D*50L-L2	0.2	0.4	2.0	0.37	4	50	2
R0.2*4D*50L-L3	0.2	0.4	3.0	0.37	4	50	2
R0.2*4D*50L-L4	0.2	0.4	4.0	0.37	4	50	2
R0.25*4D*50L-L2	0.25	0.5	2.0	0.46	4	50	2
R0.25*4D*50L-L3	0.25	0.5	3.0	0.46	4	50	2
R0.25*4D*50L-L4	0.25	0.5	4.0	0.46	4	50	2
R0.25*4D*50L-L5	0.25	0.5	5.0	0.46	4	50	2
R0.25*4D*50L-L6	0.25	0.5	6.0	0.46	4	50	2
R0.3*4D*50L-L2	0.3	0.6	2.0	0.56	4	50	2
R0.3*4D*50L-L3	0.3	0.6	3.0	0.56	4	50	2
R0.3*4D*50L-L4	0.3	0.6	4.0	0.56	4	50	2
R0.3*4D*50L-L5	0.3	0.6	5.0	0.56	4	50	2
R0.3*4D*50L-L6	0.3	0.6	6.0	0.56	4	50	2
R0.3*4D*50L-L8	0.3	0.6	8.0	0.56	4	50	2
R0.4*4D*50L-L2	0.4	0.8	2.0	0.76	4	50	2
R0.4*4D*50L-L3	0.4	0.8	3.0	0.76	4	50	2
R0.4*4D*50L-L4	0.4	0.8	4.0	0.76	4	50	2
R0.4*4D*50L-L5	0.4	0.8	5.0	0.76	4	50	2
R0.4*4D*50L-L6	0.4	0.8	6.0	0.76	4	50	2
R0.4*4D*50L-L8	0.4	0.8	8.0	0.76	4	50	2

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68度深沟球刀

HRC68 Long Neck Ball Nose End Mill



● 适合加工材料： 65°热处理以下的模具钢

Suitable for: die steel heat-treated to below 65 HRC

型号 Type	规格 Specification						刃数 Flutes
	刃半径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
R0.5*4D*50L-L3	0.5	1.0	3.0	0.95	4	50	2
R0.5*4D*50L-L4	0.5	1.0	4.0	0.95	4	50	2
R0.5*4D*50L-L5	0.5	1.0	5.0	0.95	4	50	2
R0.5*4D*50L-L6	0.5	1.0	6.0	0.95	4	50	2
R0.5*4D*50L-L8	0.5	1.0	8.0	0.95	4	50	2
R0.5*4D*50L-L10	0.5	1.0	10.0	0.95	4	50	2
R0.5*4D*50L-L12	0.5	1.0	12.0	0.95	4	50	2
R0.75*4D*50L-L4	0.75	1.5	4.0	1.45	4	50	2
R0.75*4D*50L-L6	0.75	1.5	6.0	1.45	4	50	2
R0.75*4D*50L-L8	0.75	1.5	8.0	1.45	4	50	2
R0.75*4D*50L-L10	0.75	1.5	10.0	1.45	4	50	2
R0.75*4D*50L-L12	0.75	1.5	12.0	1.45	4	50	2
R1.0*4D*50L-L6	1.0	2.0	6.0	1.95	4	50	2
R1.0*4D*50L-L8	1.0	2.0	8.0	1.95	4	50	2
R1.0*4D*50L-L10	1.0	2.0	10.0	1.95	4	50	2
R1.0*4D*50L-L12	1.0	2.0	12.0	1.95	4	50	2
R1.0*4D*50L-L14	1.0	2.0	14.0	1.95	4	50	2
R1.0*4D*50L-L16	1.0	2.0	16.0	1.95	4	50	2
R1.5*4D*50L-L12	1.5	3.0	12.0	2.9	4	50	2
R1.5*4D*50L-L16	1.5	3.0	16.0	2.9	4	50	2
R1.5*4D*50L-L20	1.5	3.0	20.0	2.9	4	50	2
R1.5*6D*60L-L12	1.5	3.0	12.0	2.9	6	60	2
R1.5*6D*60L-L16	1.5	3.0	16.0	2.9	6	60	2
R1.5*6D*60L-L20	1.5	3.0	20.0	2.9	6	60	2
R2.0*6D*60L-L12	2.0	4.0	12.0	3.9	6	60	2
R2.0*6D*60L-L16	2.0	4.0	16.0	3.9	6	60	2
R2.0*6D*60L-L20	2.0	4.0	20.0	3.9	6	60	2

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68度深沟圆鼻刀

HRC68 Long Neck Corner Radius/Bull Nose End Mill



● 适合加工材料： 65°热处理以下的模具钢

Suitable for: die steel heat-treated to below 65 HRC

型号 Type	规格 Specification							刃数 Flutes
	刃径 D	R角 R	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
0.4R0.1*4D*50L-L1	0.4	0.1	0.4	1.0	0.37	4	50	2
0.4R0.1*4D*50L-L2	0.4	0.1	0.4	2.0	0.37	4	50	2
0.4R0.1*4D*50L-L3	0.4	0.1	0.4	3.0	0.37	4	50	2
0.4R0.1*4D*50L-L4	0.4	0.1	0.4	4.0	0.37	4	50	2
0.5R0.1*4D*50L-L2	0.5	0.1	0.5	2.0	0.46	4	50	2
0.5R0.1*4D*50L-L3	0.5	0.1	0.5	3.0	0.46	4	50	2
0.5R0.1*4D*50L-L4	0.5	0.1	0.5	4.0	0.46	4	50	2
0.5R0.1*4D*50L-L5	0.5	0.1	0.5	5.0	0.46	4	50	2
0.5R0.1*4D*50L-L6	0.5	0.1	0.5	6.0	0.46	4	50	2
0.6R0.1*4D*50L-L2	0.6	0.1	0.6	2.0	0.56	4	50	2
0.6R0.1*4D*50L-L3	0.6	0.1	0.6	3.0	0.56	4	50	2
0.6R0.1*4D*50L-L4	0.6	0.1	0.6	4.0	0.56	4	50	2
0.6R0.1*4D*50L-L5	0.6	0.1	0.6	5.0	0.56	4	50	2
0.6R0.1*4D*50L-L6	0.6	0.1	0.6	6.0	0.56	4	50	2
0.6R0.1*4D*50L-L8	0.6	0.1	0.6	8.0	0.56	4	50	2
0.8R0.1*4D*50L-L3	0.8	0.1	0.8	3.0	0.76	4	50	2
0.8R0.1*4D*50L-L4	0.8	0.1	0.8	4.0	0.76	4	50	2
0.8R0.1*4D*50L-L5	0.8	0.1	0.8	5.0	0.76	4	50	2
0.8R0.1*4D*50L-L6	0.8	0.1	0.8	6.0	0.76	4	50	2
0.8R0.1*4D*50L-L8	0.8	0.1	0.8	8.0	0.76	4	50	2

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68度深沟圆鼻刀

HRC68 Long Neck Corner Radius/Bull Nose End Mill



● 适合加工材料： 65°热处理以下的模具钢

Suitable for: die steel heat-treated to below 65 HRC

型号 Type	规格 Specification							刃数 Flutes
	刃径 D	R角 R	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
1R0.2*4D*50L-L4	1.0	0.2	1.0	4.0	0.95	4	50	4
1R0.2*4D*50L-L6	1.0	0.2	1.0	6.0	0.95	4	50	4
1R0.2*4D*50L-L8	1.0	0.2	1.0	8.0	0.95	4	50	4
1R0.2*4D*50L-L10	1.0	0.2	1.0	10.0	0.95	4	50	4
1R0.2*4D*50L-L12	1.0	0.2	1.0	12.0	0.95	4	50	4
1.5R0.2*4D*50L-L6	1.5	0.2	1.5	6.0	1.45	4	50	4
1.5R0.2*4D*50L-L8	1.5	0.2	1.5	8.0	1.45	4	50	4
1.5R0.2*4D*50L-L10	1.5	0.2	1.5	10.0	1.45	4	50	4
1.5R0.2*4D*50L-L12	1.5	0.2	1.5	12.0	1.45	4	50	4
1.5R0.2*4D*50L-L16	1.5	0.2	1.5	16.0	1.45	4	50	4
2R0.2*4D*50L-L8	2.0	0.2	2.0	8.0	1.95	4	50	4
2R0.2*4D*50L-L10	2.0	0.2	2.0	10.0	1.95	4	50	4
2R0.2*4D*50L-L12	2.0	0.2	2.0	12.0	1.95	4	50	4
2R0.2*4D*50L-L16	2.0	0.2	2.0	16.0	1.95	4	50	4
2R0.2*4D*50L-L20	2.0	0.2	2.0	20.0	1.95	4	50	4
3R0.2*4D*50L-L12	3.0	0.2	3.0	12.0	2.9	4	50	4
3R0.2*4D*50L-L16	3.0	0.2	3.0	16.0	2.9	4	50	4
3R0.2*4D*50L-L20	3.0	0.2	3.0	20.0	2.9	4	50	4
3R0.5*4D*50L-L12	3.0	0.5	3.0	12.0	2.9	4	50	4
3R0.5*4D*50L-L16	3.0	0.5	3.0	16.0	2.9	4	50	4
3R0.5*4D*50L-L20	3.0	0.5	3.0	20.0	2.9	4	50	4
3R0.2*6D*60L-L12	3.0	0.2	3.0	12.0	2.9	6	60	4
3R0.2*6D*60L-L16	3.0	0.2	3.0	16.0	2.9	6	60	4
3R0.2*6D*60L-L20	3.0	0.2	3.0	20.0	2.9	6	60	4
3R0.5*6D*60L-L12	3.0	0.5	3.0	12.0	2.9	6	60	4
3R0.5*6D*60L-L16	3.0	0.5	3.0	16.0	2.9	6	60	4
3R0.5*6D*60L-L20	3.0	0.5	3.0	20.0	2.9	6	60	4
4R0.2*6D*60L-L12	4.0	0.2	4.0	12.0	3.9	6	60	4
4R0.2*6D*60L-L16	4.0	0.2	4.0	16.0	3.9	6	60	4
4R0.2*6D*60L-L20	4.0	0.2	4.0	20.0	3.9	6	60	4
4R0.5*6D*60L-L12	4.0	0.5	4.0	12.0	3.9	6	60	4
4R0.5*6D*60L-L16	4.0	0.5	4.0	16.0	3.9	6	60	4
4R0.5*6D*60L-L20	4.0	0.5	4.0	20.0	3.9	6	60	4

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60度深沟平刀
HRC60 Long Neck End Mill



● 适合加工材料：304-316-316L等不锈钢

Suitable for: stainless steels such as 304, 316, 316L

型号 Type	规格 Specification						刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	避让直径 d1	柄径 d	总长 L	
0.1*4D*50L-L0.3	0.1	0.15	0.3	0.085	4	50	2
0.1*4D*50L-L0.5	0.1	0.15	0.5	0.085	4	50	2
0.1*4D*50L-L0.8	0.1	0.15	0.8	0.085	4	50	2
0.1*4D*50L-L1	0.1	0.15	1.0	0.085	4	50	2
0.15*4D*50L-L0.5	0.15	0.23	0.5	0.13	4	50	2
0.15*4D*50L-L0.8	0.15	0.23	0.8	0.13	4	50	2
0.15*4D*50L-L1	0.15	0.23	1.0	0.13	4	50	2
0.2*4D*50L-L1	0.2	0.3	1.0	0.18	4	50	2
0.2*4D*50L-L1.5	0.2	0.3	1.5	0.18	4	50	2
0.2*4D*50L-L2	0.2	0.3	2.0	0.18	4	50	2
0.3*4D*50L-L1	0.3	0.5	1.0	0.27	4	50	2
0.3*4D*50L-L1.5	0.3	0.5	1.5	0.27	4	50	2
0.3*4D*50L-L2	0.3	0.5	2.0	0.27	4	50	2
0.3*4D*50L-L3	0.3	0.5	3.0	0.27	4	50	2
0.3*4D*50L-L4	0.3	0.5	4.0	0.27	4	50	2
0.4*4D*50L-L1	0.4	0.6	1.0	0.37	4	50	2
0.4*4D*50L-L1.5	0.4	0.6	1.5	0.37	4	50	2
0.4*4D*50L-L2	0.4	0.6	2.0	0.37	4	50	2
0.4*4D*50L-L3	0.4	0.6	3.0	0.37	4	50	2
0.4*4D*50L-L4	0.4	0.6	4.0	0.37	4	50	2
0.4*4D*50L-L5	0.4	0.6	5.0	0.37	4	50	2
0.4*4D*50L-L6	0.4	0.6	6.0	0.37	4	50	2
0.5*4D*50L-L2	0.5	0.8	2.0	0.46	4	50	2
0.5*4D*50L-L3	0.5	0.8	3.0	0.46	4	50	2
0.5*4D*50L-L4	0.5	0.8	4.0	0.46	4	50	2
0.5*4D*50L-L5	0.5	0.8	5.0	0.46	4	50	2
0.5*4D*50L-L6	0.5	0.8	6.0	0.46	4	50	2
0.5*4D*50L-L8	0.5	0.8	8.0	0.46	4	50	2
0.6*4D*50L-L2	0.6	0.9	2.0	0.56	4	50	2
0.6*4D*50L-L3	0.6	0.9	3.0	0.56	4	50	2
0.6*4D*50L-L4	0.6	0.9	4.0	0.56	4	50	2
0.6*4D*50L-L5	0.6	0.9	5.0	0.56	4	50	2
0.6*4D*50L-L6	0.6	0.9	6.0	0.56	4	50	2
0.6*4D*50L-L8	0.6	0.9	8.0	0.56	4	50	2
0.7*4D*50L-L3	0.7	1.1	3.0	0.66	4	50	2
0.7*4D*50L-L4	0.7	1.1	4.0	0.66	4	50	2
0.7*4D*50L-L5	0.7	1.1	5.0	0.66	4	50	2
0.7*4D*50L-L6	0.7	1.1	6.0	0.66	4	50	2
0.7*4D*50L-L8	0.7	1.1	8.0	0.66	4	50	2
0.8*4D*50L-L3	0.8	1.2	3.0	0.76	4	50	2
0.8*4D*50L-L4	0.8	1.2	4.0	0.76	4	50	2
0.8*4D*50L-L5	0.8	1.2	5.0	0.76	4	50	2
0.8*4D*50L-L6	0.8	1.2	6.0	0.76	4	50	2
0.8*4D*50L-L8	0.8	1.2	8.0	0.76	4	50	2
0.8*4D*50L-L10	0.8	1.2	10.0	0.76	4	50	2

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60度深沟平刀
HRC60 Long Neck End Mill



● 适合加工材料：304-316-316L等不锈钢

Suitable for: stainless steels such as 304, 316, 316L

型号 Type	规格 Specification						刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	避让直径 d1	柄径 d	总长 L	
1.0*4D*50L-L4	1.0	1.5	4.0	0.95	4	50	2
1.0*4D*50L-L5	1.0	1.5	5.0	0.95	4	50	2
1.0*4D*50L-L6	1.0	1.5	6.0	0.95	4	50	2
1.0*4D*50L-L8	1.0	1.5	8.0	0.95	4	50	2
1.0*4D*50L-L10	1.0	1.5	10.0	0.95	4	50	2
1.0*4D*50L-L12	1.0	1.5	12.0	0.95	4	50	2
1.0*4D*50L-L14	1.0	1.5	14.0	0.95	4	50	2
1.0*4D*50L-L16	1.0	1.5	16.0	0.95	4	50	2
1.0*4D*50L-L20	1.0	1.5	20.0	0.95	4	50	2
1.5*4D*50L-L6	1.5	2.3	6.0	1.44	4	50	2
1.5*4D*50L-L8	1.5	2.3	8.0	1.44	4	50	2
1.5*4D*50L-L10	1.5	2.3	10.0	1.44	4	50	2
1.5*4D*50L-L12	1.5	2.3	12.0	1.44	4	50	2
1.5*4D*50L-L14	1.5	2.3	14.0	1.44	4	50	2
1.5*4D*50L-L16	1.5	2.3	16.0	1.44	4	50	2
1.5*4D*50L-L20	1.5	2.3	20.0	1.44	4	50	2
2.0*4D*50L-L6	2.0	3.0	6.0	1.94	4	50	2
2.0*4D*50L-L8	2.0	3.0	8.0	1.94	4	50	2
2.0*4D*50L-L10	2.0	3.0	10.0	1.94	4	50	2
2.0*4D*50L-L12	2.0	3.0	12.0	1.94	4	50	2
2.0*4D*50L-L14	2.0	3.0	14.0	1.94	4	50	2
2.0*4D*50L-L16	2.0	3.0	16.0	1.94	4	50	2
2.0*4D*50L-L20	2.0	3.0	20.0	1.94	4	50	2
2.5*4D*50L-L10	2.5	3.8	10.0	2.42	4	50	2
2.5*4D*50L-L12	2.5	3.8	12.0	2.42	4	50	2
2.5*4D*50L-L14	2.5	3.8	14.0	2.42	4	50	2
2.5*4D*50L-L16	2.5	3.8	16.0	2.42	4	50	2
2.5*4D*50L-L20	2.5	3.8	20.0	2.42	4	50	2
3.0*4D*50L-L12	3.0	4.5	12.0	2.9	4	50	2
3.0*4D*50L-L16	3.0	4.5	16.0	2.9	4	50	2
3.0*4D*50L-L20	3.0	4.5	20.0	2.9	4	50	2
3.0*6D*60L-L12	3.0	4.5	12.0	2.9	6	60	2
3.0*6D*60L-L16	3.0	4.5	16.0	2.9	6	60	2
3.0*6D*60L-L20	3.0	4.5	20.0	2.9	6	60	
3.0*6D*75L-L26	3.0	4.5	26.0	2.9	6	75	
3.0*6D*75L-L30	3.0	4.5	30.0	2.9	6	75	
4.0*6D*60L-L12	4.0	6	12.0	3.9	6	60	
4.0*6D*60L-L16	4.0	6	16.0	3.9	6	60	
4.0*6D*50L-L20	4.0	6	20.0	3.9	6	60	
4.0*6D*75L-L26	4.0	6	26.0	3.9	6	75	
4.0*6D*75L-L30	4.0	6	30.0	3.9	6	75	

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60度深沟球刀

HRC60 Long Neck Ball Nose End Mill



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Suitable for: stainless steels such as 304, 316, 316L

型号 Type	规格 Specification						刃数 Flutes
	刃半径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
R0.05*4D*50L-L0.3	0.05	0.1	0.3	0.085	4	50	2
R0.05*4D*50L-L0.5	0.05	0.1	0.5	0.085	4	50	2
R0.05*4D*50L-L0.8	0.05	0.1	0.8	0.085	4	50	2
R0.05*4D*50L-L1	0.05	0.1	1.0	0.085	4	50	2
R0.075*4D*50L-L0.5	0.075	0.15	0.5	0.13	4	50	2
R0.075*4D*50L-L1	0.075	0.15	1.0	0.13	4	50	2
R0.1*4D*50L-L1	0.1	0.2	1.0	0.18	4	50	2
R0.1*4D*50L-L1.5	0.1	0.2	1.5	0.18	4	50	2
R0.1*4D*50L-L2	0.1	0.2	2.0	0.18	4	50	2
R0.15*4D*50L-L1	0.15	0.3	1.0	0.27	4	50	2
R0.15*4D*50L-L1.5	0.15	0.3	1.5	0.27	4	50	2
R0.15*4D*50L-L2	0.15	0.3	2.0	0.27	4	50	2
R0.15*4D*50L-L3	0.15	0.3	3.0	0.27	4	50	2
R0.15*4D*50L-L4	0.15	0.3	4.0	0.27	4	50	2
R0.2*4D*50L-L1	0.2	0.4	1.0	0.37	4	50	2
R0.2*4D*50L-L2	0.2	0.4	2.0	0.37	4	50	2
R0.2*4D*50L-L3	0.2	0.4	3.0	0.37	4	50	2
R0.2*4D*50L-L4	0.2	0.4	4.0	0.37	4	50	2
R0.2*4D*50L-L5	0.2	0.4	5.0	0.37	4	50	2
R0.2*4D*50L-L6	0.2	0.4	6.0	0.37	4	50	2
R0.25*4D*50L-L2	0.25	0.5	2.0	0.46	4	50	2
R0.25*4D*50L-L3	0.25	0.5	3.0	0.46	4	50	2
R0.25*4D*50L-L4	0.25	0.5	4.0	0.46	4	50	2
R0.25*4D*50L-L5	0.25	0.5	5.0	0.46	4	50	2
R0.25*4D*50L-L6	0.25	0.5	6.0	0.46	4	50	2
R0.25*4D*50L-L8	0.25	0.5	8.0	0.46	4	50	2
R0.3*4D*50L-L2	0.3	0.6	2.0	0.56	4	50	2
R0.3*4D*50L-L3	0.3	0.6	3.0	0.56	4	50	2
R0.3*4D*50L-L4	0.3	0.6	4.0	0.56	4	50	2
R0.3*4D*50L-L5	0.3	0.6	5.0	0.56	4	50	2
R0.3*4D*50L-L6	0.3	0.6	6.0	0.56	4	50	2
R0.3*4D*50L-L8	0.3	0.6	8.0	0.56	4	50	2
R0.4*4D*50L-L2	0.4	0.8	2.0	0.76	4	50	2
R0.4*4D*50L-L3	0.4	0.8	3.0	0.76	4	50	2
R0.4*4D*50L-L4	0.4	0.8	4.0	0.76	4	50	2
R0.4*4D*50L-L5	0.4	0.8	5.0	0.76	4	50	2
R0.4*4D*50L-L6	0.4	0.8	6.0	0.76	4	50	2
R0.4*4D*50L-L8	0.4	0.8	8.0	0.76	4	50	2
R0.4*4D*50L-L10	0.4	0.8	10.0	0.76	4	50	2

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Suitable for: stainless steels such as 304, 316, 316L

型号 Type	规格 Specification						刃数 Flutes
	刃半径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
R0.5*4D*50L-L3	0.5	1.0	3.0	0.95	4	50	2
R0.5*4D*50L-L4	0.5	1.0	4.0	0.95	4	50	2
R0.5*4D*50L-L5	0.5	1.0	5.0	0.95	4	50	2
R0.5*4D*50L-L6	0.5	1.0	6.0	0.95	4	50	2
R0.5*4D*50L-L8	0.5	1.0	8.0	0.95	4	50	2
R0.5*4D*50L-L10	0.5	1.0	10.0	0.95	4	50	2
R0.5*4D*50L-L12	0.5	1.0	12.0	0.95	4	50	2
R0.5*4D*50L-L14	0.5	1.0	14.0	0.95	4	50	2
R0.5*4D*50L-L16	0.5	1.0	16.0	0.95	4	50	2
R0.5*4D*50L-L20	0.5	1.0	20.0	0.95	4	50	2
R0.75*4D*50L-L4	0.75	1.5	4.0	1.44	4	50	2
R0.75*4D*50L-L6	0.75	1.5	6.0	1.44	4	50	2
R0.75*4D*50L-L8	0.75	1.5	8.0	1.44	4	50	2
R0.75*4D*50L-L10	0.75	1.5	10.0	1.44	4	50	2
R0.75*4D*50L-L12	0.75	1.5	12.0	1.44	4	50	2
R0.75*4D*50L-L14	0.75	1.5	14.0	1.44	4	50	2
R0.75*4D*50L-L16	0.75	1.5	16.0	1.44	4	50	2
R0.75*4D*50L-L20	0.75	1.5	20.0	1.44	4	50	2
R1.0*4D*50L-L6	1.0	2	6.0	1.94	4	50	2
R1.0*4D*50L-L8	1.0	2	8.0	1.94	4	50	2
R1.0*4D*50L-L10	1.0	2	10.0	1.94	4	50	2
R1.0*4D*50L-L12	1.0	2	12.0	1.94	4	50	2
R1.0*4D*50L-L14	1.0	2	14.0	1.94	4	50	2
R1.0*4D*50L-L16	1.0	2	16.0	1.94	4	50	2
R1.0*4D*50L-L20	1.0	2	20.0	1.94	4	50	2
R1.5*4D*50L-L10	1.5	3	10.0	2.9	4	50	2
R1.5*4D*50L-L12	1.5	3	12.0	2.9	4	50	2
R1.5*4D*50L-L16	1.5	3	16.0	2.9	4	50	2
R1.5*4D*50L-L20	1.5	3	20.0	2.9	4	50	2
R1.5*6D*60L-L12	1.5	3	12.0	2.9	6	60	2
R1.5*6D*60L-L16	1.5	3	16.0	2.9	6	60	2
R1.5*6D*60L-L20	1.5	3	20.0	2.9	6	60	2
R1.5*6D*75L-L26	1.5	3	26.0	2.9	6	75	2
R1.5*6D*75L-L30	1.5	3	30.0	2.9	6	75	2
R2.0*6D*60L-L12	2.0	4	12.0	3.9	6	60	2
R2.0*6D*60L-L16	2.0	4	16.0	3.9	6	60	2
R2.0*6D*60L-L20	2.0	4	20.0	3.9	6	60	2
R2.0*6D*75L-L26	2.0	4	26.0	3.9	6	75	2
R2.0*6D*75L-L30	2.0	4	30.0	3.9	6	75	2

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HRC60 Long Neck Corner Radius/Bull Nose End Mill



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Suitable for: stainless steels such as 304, 316, 316L

型号 Type	规格 Specification							刃数 Flutes
	刃径 D	R角 R	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
0.4R0.1*4D*50L-L1	0.4	0.1	0.4	1.0	0.37	4	50	2
0.4R0.1*4D*50L-L1.5	0.4	0.1	0.4	1.5	0.37	4	50	2
0.4R0.1*4D*50L-L2	0.4	0.1	0.4	2.0	0.37	4	50	2
0.4R0.1*4D*50L-L3	0.4	0.1	0.4	3.0	0.37	4	50	2
0.4R0.1*4D*50L-L4	0.4	0.1	0.4	4.0	0.37	4	50	2
0.4R0.1*4D*50L-L5	0.4	0.1	0.4	5.0	0.37	4	50	2
0.4R0.1*4D*50L-L6	0.4	0.1	0.4	6.0	0.37	4	50	2
0.5R0.05*4D*50L-L2	0.5	0.05	0.5	2.0	0.46	4	50	2
0.5R0.05*4D*50L-L3	0.5	0.05	0.5	3.0	0.46	4	50	2
0.5R0.05*4D*50L-L4	0.5	0.05	0.5	4.0	0.46	4	50	2
0.5R0.05*4D*50L-L5	0.5	0.05	0.5	5.0	0.46	4	50	2
0.5R0.05*4D*50L-L6	0.5	0.05	0.5	6.0	0.46	4	50	2
0.5R0.05*4D*50L-L8	0.5	0.05	0.5	8.0	0.46	4	50	2
0.5R0.1*4D*50L-L2	0.5	0.1	0.5	2.0	0.46	4	50	2
0.5R0.1*4D*50L-L3	0.5	0.1	0.5	3.0	0.46	4	50	2
0.5R0.1*4D*50L-L4	0.5	0.1	0.5	4.0	0.46	4	50	2
0.5R0.1*4D*50L-L5	0.5	0.1	0.5	5.0	0.46	4	50	2
0.5R0.1*4D*50L-L6	0.5	0.1	0.5	6.0	0.46	4	50	2
0.5R0.1*4D*50L-L8	0.5	0.1	0.5	8.0	0.46	4	50	2
0.6R0.05*4D*50L-L2	0.6	0.05	0.6	2.0	0.56	4	50	2
0.6R0.05*4D*50L-L3	0.6	0.05	0.6	3.0	0.56	4	50	2
0.6R0.05*4D*50L-L4	0.6	0.05	0.6	4.0	0.56	4	50	2
0.6R0.05*4D*50L-L5	0.6	0.05	0.6	5.0	0.56	4	50	2
0.6R0.05*4D*50L-L6	0.6	0.05	0.6	6.0	0.56	4	50	2
0.6R0.05*4D*50L-L8	0.6	0.05	0.6	8.0	0.56	4	50	2
0.6R0.1*4D*50L-L2	0.6	0.1	0.6	2.0	0.56	4	50	2
0.6R0.1*4D*50L-L3	0.6	0.1	0.6	3.0	0.56	4	50	2
0.6R0.1*4D*50L-L4	0.6	0.1	0.6	4.0	0.56	4	50	2
0.6R0.1*4D*50L-L5	0.6	0.1	0.6	5.0	0.56	4	50	2
0.6R0.1*4D*50L-L6	0.6	0.1	0.6	6.0	0.56	4	50	2
0.6R0.1*4D*50L-L8	0.6	0.1	0.6	8.0	0.56	4	50	2
0.8R0.1*4D*50L-L3	0.8	0.1	0.8	3.0	0.76	4	50	2
0.8R0.1*4D*50L-L4	0.8	0.1	0.8	4.0	0.76	4	50	2
0.8R0.1*4D*50L-L5	0.8	0.1	0.8	5.0	0.76	4	50	2
0.8R0.1*4D*50L-L6	0.8	0.1	0.8	6.0	0.76	4	50	2
0.8R0.1*4D*50L-L8	0.8	0.1	0.8	8.0	0.76	4	50	2
0.8R0.1*4D*50L-L10	0.8	0.1	0.8	10.0	0.76	4	50	2
1R0.1*4D*50L-L4	1.0	0.1	1.0	4.0	0.95	4	50	4
1R0.1*4D*50L-L6	1.0	0.1	1.0	6.0	0.95	4	50	4
1R0.1*4D*50L-L8	1.0	0.1	1.0	8.0	0.95	4	50	4
1R0.1*4D*50L-L10	1.0	0.1	1.0	10.0	0.95	4	50	4
1R0.1*4D*50L-L12	1.0	0.1	1.0	12.0	0.95	4	50	4
1R0.2*4D*50L-L4	1.0	0.2	1.0	4.0	0.95	4	50	4
1R0.2*4D*50L-L6	1.0	0.2	1.0	6.0	0.95	4	50	4
1R0.2*4D*50L-L8	1.0	0.2	1.0	8.0	0.95	4	50	4
1R0.2*4D*50L-L10	1.0	0.2	1.0	10.0	0.95	4	50	4
1R0.2*4D*50L-L12	1.0	0.2	1.0	12.0	0.95	4	50	4
1.5R0.1*4D*50L-L6	1.5	0.1	1.5	6.0	1.44	4	50	4
1.5R0.1*4D*50L-L8	1.5	0.1	1.5	8.0	1.44	4	50	4

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Suitable for: stainless steels such as 304, 316, 316L

型号 Type	规格 Specification							
	刃径 D	R角 R	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
1.5R0.1*4D*50L-L10	1.5	0.1	1.5	10.0	1.44	4	50	4
1.5R0.1*4D*50L-L12	1.5	0.1	1.5	12.0	1.44	4	50	4
1.5R0.2*4D*50L-L6	1.5	0.2	1.5	6.0	1.44	4	50	4
1.5R0.2*4D*50L-L8	1.5	0.2	1.5	8.0	1.44	4	50	4
1.5R0.2*4D*50L-L10	1.5	0.2	1.5	10.0	1.44	4	50	4
1.5R0.2*4D*50L-L12	1.5	0.2	1.5	12.0	1.44	4	50	4
1.5R0.2*4D*50L-L16	1.5	0.2	1.5	16.0	1.44	4	50	4
2R0.1*4D*50L-L8	2.0	0.1	2	8.0	1.94	4	50	4
2R0.1*4D*50L-L10	2.0	0.1	2	10.0	1.94	4	50	4
2R0.1*4D*50L-L12	2.0	0.1	2	12.0	1.94	4	50	4
2R0.1*4D*50L-L16	2.0	0.1	2	16.0	1.94	4	50	4
2R0.1*4D*50L-L20	2.0	0.1	2	20.0	1.94	4	50	4
2R0.2*4D*50L-L8	2.0	0.2	2	8.0	1.94	4	50	4
2R0.2*4D*50L-L10	2.0	0.2	2	10.0	1.94	4	50	4
2R0.2*4D*50L-L12	2.0	0.2	2	12.0	1.94	4	50	4
2R0.2*4D*50L-L16	2.0	0.2	2	16.0	1.94	4	50	4
2R0.2*4D*50L-L20	2.0	0.2	2	20.0	1.94	4	50	4
3R0.1*4D*50L-L12	3.0	0.1	3	12.0	2.9	4	50	4
3R0.1*4D*50L-L16	3.0	0.1	3	16.0	2.9	4	50	4
3R0.1*4D*50L-L20	3.0	0.1	3	20.0	2.9	4	50	4
3R0.2*4D*50L-L10	3.0	0.2	3	10.0	2.9	4	50	4
3R0.2*4D*50L-L12	3.0	0.2	3	12.0	2.9	4	50	4
3R0.2*4D*50L-L16	3.0	0.2	3	16.0	2.9	4	50	4
3R0.2*4D*50L-L20	3.0	0.2	3	20.0	2.9	4	50	4
3R0.5*4D*50L-L10	3.0	0.5	3	10.0	2.9	4	50	4
3R0.5*4D*50L-L12	3.0	0.5	3	12.0	2.9	4	50	4
3R0.5*4D*50L-L16	3.0	0.5	3	16.0	2.9	4	50	4
3R0.5*4D*50L-L20	3.0	0.5	3	20.0	2.9	4	50	4
3R0.2*6D*60L-L12	3.0	0.2	3	12.0	2.9	6	60	4
3R0.2*6D*60L-L16	3.0	0.2	3	16.0	2.9	6	60	4
3R0.2*6D*60L-L20	3.0	0.2	3	20.0	2.9	6	60	4
3R0.2*6D*75L-L26	3.0	0.2	3	26.0	2.9	6	75	4
3R0.2*6D*75L-L30	3.0	0.2	3	30.0	2.9	6	75	4
3R0.5*6D*60L-L12	3.0	0.5	3	12.0	2.9	6	60	4
3R0.5*6D*60L-L16	3.0	0.5	3	16.0	2.9	6	60	4
3R0.5*6D*60L-L20	3.0	0.5	3	20.0	2.9	6	60	4
3R0.5*6D*75L-L26	3.0	0.5	3	26.0	2.9	6	75	4
3R0.5*6D*75L-L30	3.0	0.5	3	30.0	2.9	6	75	4
4R0.2*6D*60L-L12	4.0	0.2	4	12.0	3.9	6	60	4
4R0.2*6D*60L-L16	4.0	0.2	4	16.0	3.9	6	60	4
4R0.2*6D*60L-L20	4.0	0.2	4	20.0	3.9	6	60	4
4R0.2*6D*75L-L26	4.0	0.2	4	26.0	3.9	6	75	4
4R0.2*6D*75L-L30	4.0	0.2	4	30.0	3.9	6	75	4
4R0.5*6D*60L-L12	4.0	0.5	4	12.0	3.9	6	60	4
4R0.5*6D*60L-L16	4.0	0.5	4	16.0	3.9	6	60	4
4R0.5*6D*60L-L20	4.0	0.5	4	20.0	3.9	6	60	4
4R0.5*6D*75L-L26	4.0	0.5	4	26.0	3.9	6	75	4
4R0.5*6D*75L-L30	4.0	0.5	4	30.0	3.9	6	75	4

常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

58度深沟平刀
HRC58 Long Neck End Mill



● 适合加工材料：铜公，电极，不锈钢，预热钢，淬火料，黄金饰品，钟表等

Suitable for: copper electrode, electrode, stainless steel, pre-hardened steel, hardened steel, gold jewelry, watches, etc.

型号 Type	规格 Specification						刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
0.2*4D*50L-L1	0.2	0.3	1.0	0.17	4	50	2
0.2*4D*50L-L2	0.2	0.3	2.0	0.17	4	50	2
0.3*4D*50L-L1	0.3	0.45	1.0	0.27	4	50	2
0.3*4D*50L-L2	0.3	0.45	2.0	0.27	4	50	2
0.3*4D*50L-L3	0.3	0.45	3.0	0.27	4	50	2
0.3*4D*50L-L4	0.3	0.45	4.0	0.27	4	50	2
0.4*4D*50L-L2	0.4	0.6	2.0	0.37	4	50	2
0.4*4D*50L-L3	0.4	0.6	3.0	0.37	4	50	2
0.4*4D*50L-L4	0.4	0.6	4.0	0.37	4	50	2
0.4*4D*50L-L6	0.4	0.6	6.0	0.37	4	50	2
0.5*4D*50L-L2	0.5	0.75	2.0	0.46	4	50	2
0.5*4D*50L-L3	0.5	0.75	3.0	0.46	4	50	2
0.5*4D*50L-L4	0.5	0.75	4.0	0.46	4	50	2
0.5*4D*50L-L5	0.5	0.75	5.0	0.46	4	50	2
0.5*4D*50L-L6	0.5	0.75	6.0	0.46	4	50	2
0.5*4D*50L-L8	0.5	0.75	8.0	0.46	4	50	2
0.6*4D*50L-L2	0.6	0.9	2.0	0.56	4	50	2
0.6*4D*50L-L3	0.6	0.9	3.0	0.56	4	50	2
0.6*4D*50L-L4	0.6	0.9	4.0	0.56	4	50	2
0.6*4D*50L-L5	0.6	0.9	5.0	0.56	4	50	2
0.6*4D*50L-L6	0.6	0.9	6.0	0.56	4	50	2
0.6*4D*50L-L8	0.6	0.9	8.0	0.56	4	50	2
0.7*4D*50L-L3	0.7	1.05	3.0	0.66	4	50	2
0.7*4D*50L-L4	0.7	1.05	4.0	0.66	4	50	2
0.7*4D*50L-L5	0.7	1.05	5.0	0.66	4	50	2
0.7*4D*50L-L6	0.7	1.05	6.0	0.66	4	50	2
0.7*4D*50L-L8	0.7	1.05	8.0	0.66	4	50	2
0.8*4D*50L-L3	0.8	1.2	3.0	0.76	4	50	2
0.8*4D*50L-L4	0.8	1.2	4.0	0.76	4	50	2
0.8*4D*50L-L5	0.8	1.2	5.0	0.76	4	50	2
0.8*4D*50L-L6	0.8	1.2	6.0	0.76	4	50	2
0.8*4D*50L-L8	0.8	1.2	8.0	0.76	4	50	2
0.8*4D*50L-L10	0.8	1.2	10.0	0.76	4	50	2

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58度深沟平刀
HRC58 Long Neck End Mill



● 适合加工材料：铜公，电极，不锈钢，预热钢，淬火料，黄金饰品，钟表等

Suitable for: copper electrode, electrode, stainless steel, pre-hardened steel, hardened steel, gold jewelry, watches, etc.

型号 Type	规格 Specification						刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
1.0*4D*50L-L5	1.0	1.5	5.0	0.95	4	50	2 / 4
1.0*4D*50L-L6	1.0	1.5	6.0	0.95	4	50	2 / 4
1.0*4D*50L-L8	1.0	1.5	8.0	0.95	4	50	2 / 4
1.0*4D*50L-L10	1.0	1.5	10.0	0.95	4	50	2 / 4
1.0*4D*50L-L12	1.0	1.5	12.0	0.95	4	50	2 / 4
1.0*4D*50L-L14	1.0	1.5	14.0	0.95	4	50	2 / 4
1.0*4D*50L-L16	1.0	1.5	16.0	0.95	4	50	2 / 4
1.0*4D*50L-L20	1.0	1.5	20.0	0.95	4	50	2 / 4
1.5*4D*50L-L6	1.5	2.3	6.0	1.44	4	50	2 / 4
1.5*4D*50L-L8	1.5	2.3	8.0	1.44	4	50	2 / 4
1.5*4D*50L-L10	1.5	2.3	10.0	1.44	4	50	2 / 4
1.5*4D*50L-L12	1.5	2.3	12.0	1.44	4	50	2 / 4
1.5*4D*50L-L14	1.5	2.3	14.0	1.44	4	50	2 / 4
1.5*4D*50L-L16	1.5	2.3	16.0	1.44	4	50	2 / 4
1.5*4D*50L-L20	1.5	2.3	20.0	1.44	4	50	2 / 4
2.0*4D*50L-L8	2.0	3	8.0	1.94	4	50	2 / 4
2.0*4D*50L-L10	2.0	3	10.0	1.94	4	50	2 / 4
2.0*4D*50L-L12	2.0	3	12.0	1.94	4	50	2 / 4
2.0*4D*50L-L16	2.0	3	16.0	1.94	4	50	2 / 4
2.0*4D*50L-L14	2.0	3	14.0	1.94	4	50	2 / 4
2.0*4D*50L-L20	2.0	3	20.0	1.94	4	50	2 / 4
2.5*4D*50L-L12	2.5	3.8	12.0	2.4	4	50	2 / 4
2.5*4D*50L-L16	2.5	3.8	16.0	2.4	4	50	2 / 4
2.5*4D*50L-L20	2.5	3.8	20.0	2.4	4	50	2 / 4
3.0*4D*50L-L12	3.0	4.5	12.0	2.9	4	50	2 / 4
3.0*4D*50L-L16	3.0	4.5	16.0	2.9	4	50	2 / 4
3.0*4D*50L-L20	3.0	4.5	20.0	2.9	4	50	2 / 4

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58度深沟球刀

HRC58 Long Neck Ball Nose End Mill



● 适合加工材料：铜公，电极，不锈钢，预热钢，淬火料，黄金饰品，钟表等

Suitable for: copper electrode, electrode, stainless steel, pre-hardened steel, hardened steel, gold jewelry, watches, etc.

型号 Type	规格 Specification						刃数 Flutes
	刃半径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
R0.1*4D*50L-L1	0.1	0.2	1.0	0.18	4	50	2
R0.1*4D*50L-L2	0.1	0.2	2.0	0.18	4	50	2
R0.15*4D*50L-L1	0.15	0.3	1.0	0.27	4	50	2
R0.15*4D*50L-L2	0.15	0.3	2.0	0.27	4	50	2
R0.15*4D*50L-L3	0.15	0.3	3.0	0.27	4	50	2
R0.15*4D*50L-L4	0.15	0.3	4.0	0.27	4	50	2
R0.2*4D*50L-L1	0.2	0.4	1.0	0.37	4	50	2
R0.2*4D*50L-L2	0.2	0.4	2.0	0.37	4	50	2
R0.2*4D*50L-L3	0.2	0.4	3.0	0.37	4	50	2
R0.2*4D*50L-L4	0.2	0.4	4.0	0.37	4	50	2
R0.2*4D*50L-L5	0.2	0.4	5.0	0.37	4	50	2
R0.2*4D*50L-L6	0.2	0.4	6.0	0.37	4	50	2
R0.25*4D*50L-L2	0.25	0.5	2.0	0.46	4	50	2
R0.25*4D*50L-L3	0.25	0.5	3.0	0.46	4	50	2
R0.25*4D*50L-L4	0.25	0.5	4.0	0.46	4	50	2
R0.25*4D*50L-L5	0.25	0.5	5.0	0.46	4	50	2
R0.25*4D*50L-L6	0.25	0.5	6.0	0.46	4	50	2
R0.25*4D*50L-L8	0.25	0.5	8.0	0.46	4	50	2
R0.3*4D*50L-L2	0.3	0.6	2.0	0.56	4	50	2
R0.3*4D*50L-L3	0.3	0.6	3.0	0.56	4	50	2
R0.3*4D*50L-L4	0.3	0.6	4.0	0.56	4	50	2
R0.3*4D*50L-L5	0.3	0.6	5.0	0.56	4	50	2
R0.3*4D*50L-L6	0.3	0.6	6.0	0.56	4	50	2
R0.3*4D*50L-L8	0.3	0.6	8.0	0.56	4	50	2
R0.4*4D*50L-L2	0.4	0.8	2.0	0.76	4	50	2
R0.4*4D*50L-L3	0.4	0.8	3.0	0.76	4	50	2
R0.4*4D*50L-L4	0.4	0.8	4.0	0.76	4	50	2
R0.4*4D*50L-L5	0.4	0.8	5.0	0.76	4	50	2
R0.4*4D*50L-L6	0.4	0.8	6.0	0.76	4	50	2
R0.4*4D*50L-L8	0.4	0.8	8.0	0.76	4	50	2
R0.4*4D*50L-L10	0.4	0.8	10.0	0.76	4	50	2

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58度深沟球刀

HRC58 Long Neck Ball Nose End Mill



● 适合加工材料：铜公，电极，不锈钢，预热钢，淬火料，黄金饰品，钟表等

Suitable for: copper electrode, electrode, stainless steel, pre-hardened steel, hardened steel, gold jewelry, watches, etc.

型号 Type	规格 Specification						刃数 Flutes
	刃半径 D	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
R0.5*4D*50L-L4	0.5	1.0	4.0	0.95	4	50	2
R0.5*4D*50L-L5	0.5	1.0	5.0	0.95	4	50	2
R0.5*4D*50L-L6	0.5	1.0	6.0	0.95	4	50	2
R0.5*4D*50L-L8	0.5	1.0	8.0	0.95	4	50	2
R0.5*4D*50L-L10	0.5	1.0	10.0	0.95	4	50	2
R0.5*4D*50L-L12	0.5	1.0	12.0	0.95	4	50	2
R0.5*4D*50L-L14	0.5	1.0	14.0	0.95	4	50	2
R0.5*4D*50L-L16	0.5	1.0	16.0	0.95	4	50	2
R0.5*4D*50L-L20	0.5	1.0	20.0	0.95	4	50	2
R0.75*4D*50L-L6	0.75	1.5	6.0	1.44	4	50	2
R0.75*4D*50L-L8	0.75	1.5	8.0	1.44	4	50	2
R0.75*4D*50L-L10	0.75	1.5	10.0	1.44	4	50	2
R0.75*4D*50L-L12	0.75	1.5	12.0	1.44	4	50	2
R0.75*4D*50L-L14	0.75	1.5	14.0	1.44	4	50	2
R0.75*4D*50L-L16	0.75	1.5	16.0	1.44	4	50	2
R0.75*4D*50L-L20	0.75	1.5	20.0	1.44	4	50	2
R1.0*4D*50L-L6	1.0	2	6.0	1.94	4	50	2
R1.0*4D*50L-L8	1.0	2	8.0	1.94	4	50	2
R1.0*4D*50L-L10	1.0	2	10.0	1.94	4	50	2
R1.0*4D*50L-L12	1.0	2	12.0	1.94	4	50	2
R1.0*4D*50L-L14	1.0	2	14.0	1.94	4	50	2
R1.0*4D*50L-L16	1.0	2	16.0	1.94	4	50	2
R1.0*4D*50L-L20	1.0	2	20.0	1.94	4	50	2
R1.5*4D*50L-L10	1.5	3	10.0	2.9	4	50	2
R1.5*4D*50L-L12	1.5	3	12.0	2.9	4	50	2
R1.5*4D*50L-L16	1.5	3	16.0	2.9	4	50	2
R1.5*4D*50L-L20	1.5	3	20.0	2.9	4	50	2

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58度深沟圆鼻刀

HRC55 Long Neck Corner Radius/Bull Nose End Mill



● 适合加工材料：铜公，电极，不锈钢，预热钢，淬火料，黄金饰品，钟表等

Suitable for: copper electrode, electrode, stainless steel, pre-hardened steel, hardened steel, gold jewelry, watches, etc.

型号 Type	规格 Specification							刃数 Flutes
	刃径 D	R角 R	刃长 L1	有效长 L2	避空直径 d1	柄径 d	总长 L	
1R0.1*4D*50L-L4	1.0	0.1	1.0	4.0	0.95	4	50	2 / 4
1R0.1*4D*50L-L6	1.0	0.1	1.0	6.0	0.95	4	50	2 / 4
1R0.2*4D*50L-L4	1.0	0.2	1.0	4.0	0.95	4	50	2 / 4
1R0.2*4D*50L-L6	1.0	0.2	1.0	6.0	0.95	4	50	2 / 4
1R0.2*4D*50L-L8	1.0	0.2	1.0	8.0	0.95	4	50	2 / 4
1R0.2*4D*50L-L10	1.0	0.2	1.0	10.0	0.95	4	50	2 / 4
1R0.2*4D*50L-L12	1.0	0.2	1.0	12.0	0.95	4	50	2 / 4
1.5R0.2*4D*50L-L6	1.0	0.2	1.5	6.0	1.44	4	50	2 / 4
1.5R0.2*4D*50L-L8	1.0	0.2	1.5	8.0	1.44	4	50	2 / 4
1.5R0.2*4D*50L-L10	1.0	0.2	1.5	10.0	1.44	4	50	2 / 4
1.5R0.2*4D*50L-L12	1.0	0.2	1.5	12.0	1.44	4	50	2 / 4
2R0.2*4D*50L-L8	2.0	0.2	2	8.0	1.94	4	50	2 / 4
2R0.2*4D*50L-L10	2.0	0.2	2	10.0	1.94	4	50	2 / 4
2R0.2*4D*50L-L12	2.0	0.2	2	12.0	1.94	4	50	2 / 4
2R0.2*4D*50L-L16	2.0	0.2	2	16.0	1.94	4	50	2 / 4
2R0.2*4D*50L-L20	2.0	0.2	2	20.0	1.94	4	50	2 / 4
3R0.2*4D*50L-L12	3.0	0.2	3	12.0	2.9	4	50	2 / 4
3R0.2*4D*50L-L16	3.0	0.2	3	16.0	2.9	4	50	2 / 4
3R0.2*4D*50L-L20	3.0	0.2	3	20.0	2.9	4	50	2 / 4
3R0.5*4D*50L-L10	3.0	0.5	3	10.0	2.9	4	50	2 / 4
3R0.5*4D*50L-L12	3.0	0.5	3	12.0	2.9	4	50	2 / 4
3R0.5*4D*50L-L16	3.0	0.5	3	16.0	2.9	4	50	2 / 4
3R0.5*4D*50L-L20	3.0	0.5	3	20.0	2.9	4	50	2 / 4

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55度深沟圆鼻刀

HRC55 Long Neck Corner Radius/Bull Nose End Mill



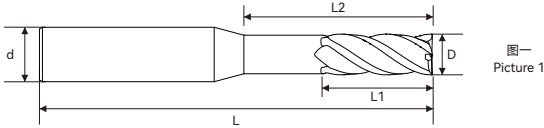
● 适合加工材料：碳钢、合金钢、不锈钢、铸铁

Suitable for: carbon steel, alloy steel, stainless steel, cast iron

型号 Type	规格 Specification						刃数 Flutes
	刃径 D	R角 R	刃长 L1	有效长 L2	柄径 d	总长 L	
1R0.2*3*4D*50L-L6	1	0.2	3	6	4	50	2 / 4
1R0.2*3*4D*50L-L8	1	0.2	3	8	4	50	2 / 4
1R0.2*3*4D*50L-L10	1	0.2	3	10	4	50	2 / 4
1R0.2*3*4D*50L-L12	1	0.2	3	12	4	50	2 / 4
1R0.2*3*4D*50L-L15	1	0.2	3	15	4	50	2 / 4
1R0.2*3*4D*50L-L20	1	0.2	3	20	4	50	2 / 4
1.5R0.2*4.5*4D*50L-L6	1.5	0.2	4.5	6	4	50	2 / 4
1.5R0.2*4.5*4D*50L-L8	1.5	0.2	4.5	8	4	50	2 / 4
1.5R0.2*4.5*4D*50L-L10	1.5	0.2	4.5	10	4	50	2 / 4
1.5R0.2*4.5*4D*50L-L12	1.5	0.2	4.5	12	4	50	2 / 4
1.5R0.2*4.5*4D*50L-L15	1.5	0.2	4.5	15	4	50	2 / 4
1.5R0.2*4.5*4D*50L-L20	1.5	0.2	4.5	20	4	50	2 / 4
2R0.2*6*4D*50L-L8	2	0.2	6	8	4	50	2 / 4
2R0.2*6*4D*50L-L10	2	0.2	6	10	4	50	2 / 4
2R0.2*6*4D*50L-L12	2	0.2	6	12	4	50	2 / 4
2R0.2*6*4D*50L-L15	2	0.2	6	15	4	50	2 / 4
2R0.2*6*4D*50L-L20	2	0.2	6	20	4	50	2 / 4
2R0.5*6*4D*50L-L8	2	0.5	6	8	4	50	2 / 4
2R0.5*6*4D*50L-L10	2	0.5	6	10	4	50	2 / 4
2R0.5*6*4D*50L-L12	2	0.5	6	12	4	50	2 / 4
2R0.5*6*4D*50L-L15	2	0.5	6	15	4	50	2 / 4
2R0.5*6*4D*50L-L20	2	0.5	6	20	4	50	2 / 4

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55度深沟平刀
HRC55 Long Neck End Mill



图一
Picture 1

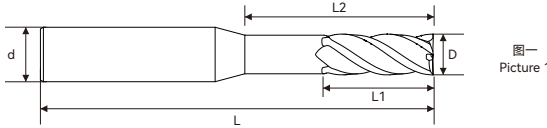
● 适合加工材料：碳钢、合金钢、不锈钢、铸铁

Suitable for: carbon steel, alloy steel, stainless steel, cast iron

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	柄径 d	总长 L	
0.3*0.6*4D*50L-L2*2F	0.3	0.6	2	4	50	2
0.3*0.6*4D*50L-L3*2F	0.3	0.6	3	4	50	2
0.3*0.6*4D*50L-L4*2F	0.3	0.6	4	4	50	2
0.4*0.8*4D*50L-L2*2F	0.4	0.8	2	4	50	2
0.4*0.8*4D*50L-L3*2F	0.4	0.8	3	4	50	2
0.4*0.8*4D*50L-L4*2F	0.4	0.8	4	4	50	2
0.4*0.8*4D*50L-L5*2F	0.4	0.8	5	4	50	2
0.4*0.8*4D*50L-L6*2F	0.4	0.8	6	4	50	2
0.5*1*4D*50L-L2*2F	0.5	1	2	4	50	2
0.5*1*4D*50L-L3*2F	0.5	1	3	4	50	2
0.5*1*4D*50L-L4*2F	0.5	1	4	4	50	2
0.5*1*4D*50L-L6*2F	0.5	1	6	4	50	2
0.5*1*4D*50L-L8*2F	0.5	1	8	4	50	2
0.5*1*4D*50L-L10*2F	0.5	1	10	4	50	2
0.6*1.2*4D*50L-L2*2F	0.6	1.2	2	4	50	2
0.6*1.2*4D*50L-L3*2F	0.6	1.2	3	4	50	2
0.6*1.2*4D*50L-L4*2F	0.6	1.2	4	4	50	2
0.6*1.2*4D*50L-L6*2F	0.6	1.2	6	4	50	2
0.6*1.2*4D*50L-L8*2F	0.6	1.2	8	4	50	2
0.7*1.4*4D*50L-L3*2F	0.7	1.4	3	4	50	2
0.7*1.4*4D*50L-L4*2F	0.7	1.4	4	4	50	2
0.7*1.4*4D*50L-L6*2F	0.7	1.4	6	4	50	2
0.7*1.4*4D*50L-L8*2F	0.7	1.4	8	4	50	2
0.7*1.4*4D*50L-L10*2F	0.7	1.4	10	4	50	2
0.8*1.6*4D*50L-L3*2F	0.8	1.6	3	4	50	2
0.8*1.6*4D*50L-L4*2F	0.8	1.6	4	4	50	2
0.8*1.6*4D*50L-L6*2F	0.8	1.6	6	4	50	2
0.8*1.6*4D*50L-L8*2F	0.8	1.6	8	4	50	2
0.8*1.6*4D*50L-L10*2F	0.8	1.6	10	4	50	2
0.9*1.8*4D*50L-L3*2F	0.9	1.8	3	4	50	2
0.9*1.8*4D*50L-L4*2F	0.9	1.8	4	4	50	2
0.9*1.8*4D*50L-L6*2F	0.9	1.8	6	4	50	2
0.9*1.8*4D*50L-L8*2F	0.9	1.8	8	4	50	2
0.9*1.8*4D*50L-L10*2F	0.9	1.8	10	4	50	2

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55度深沟平刀
HRC55 Long Neck End Mill



图一
Picture 1

● 适合加工材料：碳钢、合金钢、不锈钢、铸铁

Suitable for: carbon steel, alloy steel, stainless steel, cast iron

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	刃长 L1	有效长 L2	柄径 d	总长 L	
1*3*4D*50L-L4	1	3	4	4	50	2 / 4
1*3*4D*50L-L5	1	3	5	4	50	2 / 4
1*3*4D*50L-L6	1	3	6	4	50	2 / 4
1*3*4D*50L-L8	1	3	8	4	50	2 / 4
1*3*4D*50L-L10	1	3	10	4	50	2 / 4
1*3*4D*50L-L12	1	3	12	4	50	2 / 4
1*3*4D*50L-L15	1	3	15	4	50	2 / 4
1*3*4D*50L-L20	1	3	20	4	50	2 / 4
1.2*3.6*4D*50L-L6	1.2	3.6	6	4	50	2 / 4
1.2*3.6*4D*50L-L8	1.2	3.6	8	4	50	2 / 4
1.2*3.6*4D*50L-L10	1.2	3.6	10	4	50	2 / 4
1.2*3.6*4D*50L-L15	1.2	3.6	15	4	50	2 / 4
1.5*4.5*4D*50L-L6	1.5	4.5	6	4	50	2 / 4
1.5*4.5*4D*50L-L8	1.5	4.5	8	4	50	2 / 4
1.5*4.5*4D*50L-L10	1.5	4.5	10	4	50	2 / 4
1.5*4.5*4D*50L-L12	1.5	4.5	12	4	50	2 / 4
1.5*4.5*4D*50L-L15	1.5	4.5	15	4	50	2 / 4
1.5*4.5*4D*50L-L20	1.5	4.5	20	4	50	2 / 4
2*6*4D*50L-L8	2	6	8	4	50	2 / 4
2*6*4D*50L-L10	2	6	10	4	50	2 / 4
2*6*4D*50L-L12	2	6	12	4	50	2 / 4
2*6*4D*50L-L15	2	6	15	4	50	2 / 4
2*6*4D*50L-L20	2	6	20	4	50	2 / 4
2.5*7.5*4D*50L-L10	2.5	7.5	10	4	50	2 / 4
2.5*7.5*4D*50L-L12	2.5	7.5	12	4	50	2 / 4
2.5*7.5*4D*50L-L15	2.5	7.5	15	4	50	2 / 4
2.5*7.5*4D*50L-L20	2.5	7.5	20	4	50	2 / 4
3*9*4D*50L-L12	3	9	12	4	50	2 / 4
3*9*4D*50L-L15	3	9	15	4	50	2 / 4
3*9*4D*50L-L20	3	9	20	4	50	2 / 4

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55度深沟球刀

HRC55 Long Neck Ball Nose End Mill



● 适合加工材料：碳钢、合金钢、不锈钢、铸铁

Suitable for: carbon steel, alloy steel, stainless steel, cast iron

型号 Type	规格 Specification					刃数 Flutes
	刃半径 R	刃长 L1	有效长 L2	柄径 d	总长 L	
R0.15*0.6*4D*50L-L2	0.15	0.6	2	4	50	2
R0.15*0.6*4D*50L-L3	0.15	0.6	3	4	50	2
R0.15*0.6*4D*50L-L4	0.15	0.6	4	4	50	2
R0.2*0.8*4D*50L-L2	0.2	0.8	2	4	50	2
R0.2*0.8*4D*50L-L3	0.2	0.8	3	4	50	2
R0.2*0.8*4D*50L-L4	0.2	0.8	4	4	50	2
R0.2*0.8*4D*50L-L5	0.2	0.8	5	4	50	2
R0.2*0.8*4D*50L-L6	0.2	0.8	6	4	50	2
R0.25*1*4D*50L-L2	0.25	1	2	4	50	2
R0.25*1*4D*50L-L3	0.25	1	3	4	50	2
R0.25*1*4D*50L-L4	0.25	1	4	4	50	2
R0.25*1*4D*50L-L6	0.25	1	6	4	50	2
R0.25*1*4D*50L-L8	0.25	1	8	4	50	2
R0.25*1*4D*50L-L10	0.25	1	10	4	50	2
R0.3*1.2*4D*50L-L2	0.3	1.2	2	4	50	2
R0.3*1.2*4D*50L-L3	0.3	1.2	3	4	50	2
R0.3*1.2*4D*50L-L4	0.3	1.2	4	4	50	2
R0.3*1.2*4D*50L-L6	0.3	1.2	6	4	50	2
R0.3*1.2*4D*50L-L8	0.3	1.2	8	4	50	2
R0.35*1.4*4D*50L-L3	0.35	1.4	3	4	50	2
R0.35*1.4*4D*50L-L4	0.35	1.4	4	4	50	2
R0.35*1.4*4D*50L-L6	0.35	1.4	6	4	50	2
R0.35*1.4*4D*50L-L8	0.35	1.4	8	4	50	2
R0.35*1.4*4D*50L-L10	0.35	1.4	10	4	50	2
R0.4*1.6*4D*50L-L3	0.4	1.6	3	4	50	2
R0.4*1.6*4D*50L-L4	0.4	1.6	4	4	50	2
R0.4*1.6*4D*50L-L6	0.4	1.6	6	4	50	2
R0.4*1.6*4D*50L-L8	0.4	1.6	8	4	50	2
R0.4*1.6*4D*50L-L10	0.4	1.6	10	4	50	2
R0.45*1.8*4D*50L-L3	0.45	1.8	3	4	50	2
R0.45*1.8*4D*50L-L4	0.45	1.8	4	4	50	2
R0.45*1.8*4D*50L-L6	0.45	1.8	6	4	50	2
R0.45*1.8*4D*50L-L8	0.45	1.8	8	4	50	2
R0.45*1.8*4D*50L-L10	0.45	1.8	10	4	50	2

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55度深沟球刀

HRC55 Long Neck Ball Nose End Mill



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Suitable for: carbon steel, alloy steel, stainless steel, cast iron

型号 Type	规格 Specification					刃数 Flutes
	刃半径 R	刃长 L1	有效长 L2	柄径 d	总长 L	
R0.5*2*4D*50L-L4	0.5	2	4	4	50	2
R0.5*2*4D*50L-L5	0.5	2	5	4	50	2
R0.5*2*4D*50L-L6	0.5	2	6	4	50	2
R0.5*2*4D*50L-L8	0.5	2	8	4	50	2
R0.5*2*4D*50L-L10	0.5	2	10	4	50	2
R0.5*2*4D*50L-L12	0.5	2	12	4	50	2
R0.5*2*4D*50L-L15	0.5	2	15	4	50	2
R0.5*2*4D*50L-L20	0.5	2	20	4	50	2
R0.75*3*4D*50L-L6	0.75	3	6	4	50	2
R0.75*3*4D*50L-L8	0.75	3	8	4	50	2
R0.75*3*4D*50L-L10	0.75	3	10	4	50	2
R0.75*3*4D*50L-L12	0.75	3	12	4	50	2
R0.75*3*4D*50L-L15	0.75	3	15	4	50	2
R0.75*3*4D*50L-L20	0.75	3	20	4	50	2
R1*4*4D*50L-L6	1	4	6	4	50	2
R1*4*4D*50L-L8	1	4	8	4	50	2
R1*4*4D*50L-L10	1	4	10	4	50	2
R1*4*4D*50L-L12	1	4	12	4	50	2
R1*4*4D*50L-L15	1	4	15	4	50	2
R1*4*4D*50L-L20	1	4	20	4	50	2
R1.25*5*4D*50L-L10	1.25	5	10	4	50	2
R1.25*5*4D*50L-L12	1.25	5	12	4	50	2
R1.25*5*4D*50L-L15	1.25	5	15	4	50	2
R1.25*5*4D*50L-L20	1.25	5	20	4	50	2

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