东莞铭天创数控科技有限公司
Dongguan Mingtianchuang CNC Technology Co.,Ltd

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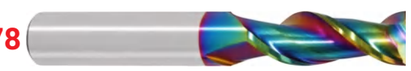

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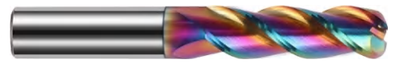

55度铝用3刃圆鼻刀
HRC55 Aluminum 3 Flutes Round Nose Milling Cutter

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HRC55 Steel Chamfer Milling Cutter

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55度铝用倒角刀
HRC55 Aluminum Chamfer Milling Cutter

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

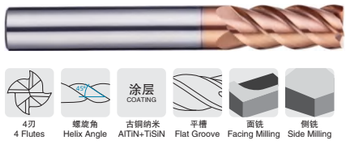
材料组ISO代码
Material Group ISO Codes

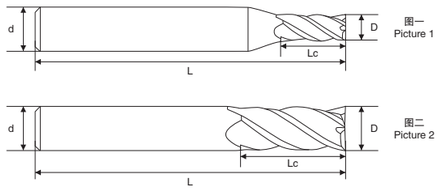
ISO代码 ISO Code	材料 Materials
P	碳钢、合金钢 Carbon Steel, Alloy Steel
M	不锈钢 Stainless Steels
K	铸铁 Cast Iron
N	有色金属材料 Non Ferrous Materials
S	高温合金 High–temperature Alloy
H	合金钢、淬硬钢(45–65HRC)Alloy Steel Hardened Steel (45–65HRC)

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 45度	UP+ SG 65度 60度 58度 55度 45度	UP+ SG	UP+ SG U6065 65度 60度 58度 55度 45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 45度	UP+ SG 65度 60度 58度 55度	UP+ SG 65度 60度 58度 55度 45度	UP+ SG U6065 65度 60度 58度 55度 45度	UP+ SG U6065 SG U6065	UP+ SG U6065
		碳钢、合金钢 Carbon Steel, Alloy Steel	U6065 SG UP+ 65度	UP+ SG U6065 65度 60度 58度	UP+ SG 65度 60度 58度	UP+ SG 65度 60度 58度	UP+ SG U6065 65度 60度 58度 55度 45度	UP+ 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 45度	UP+ SG 65度 60度 58度 55度 45度	UP+ SG	UP+ SG U6065 65度 60度 58度 55度 45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
合金钢、淬硬钢 (45-65HRC) Alloy Steel, Hardened Steel (45-65HRC)	H	合金钢、淬硬钢 (45–65HRC) Alloy Steel, Quenched And Hardened Steel (45–65HRC)	SH	SH	SH	SH	SH	SH	SH
复合材料 Composite Material		塑料、玻璃纤维 Plastics,Fibreglass	UA+ SA	UA+ SA	UA+ SA	UA+ SA	UA+ SA	UA+ SA	UA+ SA

68度钢用4刃平刀
HRC68 Steel 4 Flutes Flat End Milling Cutter





- 适合加工材料：淬硬钢、冷硬铸铁

材料成分 Material composition

钴含量9%，晶粒度0.3–0.4μm，HRA93.2–94

Cobalt content 10%, grain size 0.8 μ m, 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

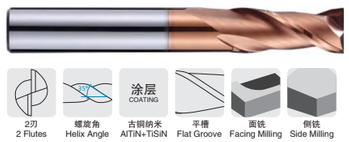
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper 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
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

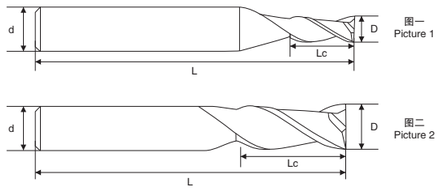
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*4T	3	8	3	50	4
3*12*3*75*4T	3	12	3	75	4
3*15*3*100*4T	3	15	3	100	4
1*3*4*50*4T	1	3	4	50	4
1.5*4*4*50*4T	1.5	4	4	50	4
2*5*4*50*4T	2	5	4	50	4
2.5*7*4*50*4T	2.5	7	4	50	4
3*8*4*50*4T	3	8	4	50	4
3.5*10*4*50*4T	3.5	10	4	50	4
4*10*4*50*4T	4	10	4	50	4
4*16*4*75*4T	4	16	4	75	4
4*20*4*100*4T	4	20	4	100	4
5*13*5*50*4T	5	13	5	50	4
5*20*5*75*4T	5	20	5	75	4
5*25*5*100*4T	5	25	5	100	4
1*3*6*50*4T	1	3	6	50	4
1.5*4*6*50*4T	1.5	4	6	50	4
2*5*6*50*4T	2	5	6	50	4
2.5*7*6*50*4T	2.5	7	6	50	4
3*8*6*50*4T	3	8	6	50	4
3.5*10*6*50*4T	3.5	10	6	50	4
4*10*6*50*4T	4	10	6	50	4
4.5*12*6*50*4T	4.5	12	6	50	4
5*13*6*50*4T	5	13	6	50	4
6*15*6*50*4T	6	15	6	50	4
6*25*6*75*4T	6	25	6	75	4
6*30*6*100*4T	6	30	6	100	4
6*40*6*150*4T	6	40	5	150	4
7*18*8*60*4T	7	18	8	60	4
8*20*8*60*4T	8	20	8	60	4
8*28*8*75*4T	8	28	8	75	4
8*35*8*100*4T	8	35	8	100	4
8*50*8*150*4T	8	50	8	150	4
9*23*10*75*4T	9	23	10	75	4
10*25*10*75*4T	10	25	10	75	4
10*40*10*100*4T	10	40	10	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2刃平刀
HRC68 Steel 2 Flutes Flat End Milling Cutter





- 适合加工材料：淬硬钢、冷硬铸铁

材料成分 Material composition
钴含量9%，晶粒度0.3–0.4 μ m，HRA93.2–94

Cobalt content 10%, grain size 0.8 μ m, 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)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper 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
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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*3*50*2T	3	8	3	50	2
3*12*3*75*2T	3	12	3	75	2
3*15*3*100*2T	3	15	3	100	2
1*3*4*50*2T	1	3	4	50	2
1.5*4*4*50*2T	1.5	4	4	50	2
2*5*4*50*2T	2	5	4	50	2
2.5*7*4*50*2T	2.5	7	4	50	2
3*8*4*50*2T	3	8	4	50	2
3.5*10*4*50*2T	3.5	10	4	50	2
4*10*4*50*2T	4	10	4	50	2
4*16*4*75*2T	4	16	4	75	2
4*20*4*100*2T	4	20	4	100	2
5*13*5*50*2T	5	13	5	50	2
5*20*5*75*2T	5	20	5	75	2
5*25*5*100*2T	5	25	5	100	2
1*3*6*50*2T	1	3	6	50	2
1.5*4*6*50*2T	1.5	4	6	50	2
2*5*6*50*2T	2	5	6	50	2
2.5*7*6*50*2T	2.5	7	6	50	2
3*8*6*50*2T	3	8	6	50	2
3.5*10*6*50*2T	3.5	10	6	50	2
4*10*6*50*2T	4	10	6	50	2
4.5*12*6*50*2T	4.5	12	6	50	2
5*13*6*50*2T	5	13	6	50	2
6*15*6*50*2T	6	15	6	50	2
6*25*6*75*2T	6	25	6	75	2
6*30*6*100*2T	6	30	6	100	2
6*40*6*150*2T	6	40	5	150	2
7*18*8*60*2T	7	18	8	60	2
8*20*8*60*2T	8	20	8	60	2
8*28*8*75*2T	8	28	8	75	2
8*35*8*100*2T	8	35	8	100	2
8*50*8*150*2T	8	50	8	150	2
9*23*10*75*2T	9	23	10	75	2
10*25*10*75*2T	10	25	10	75	2
10*40*10*100*2T	10	40	10	100	2

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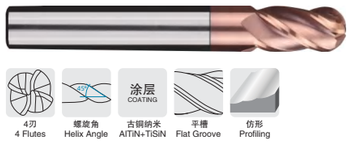
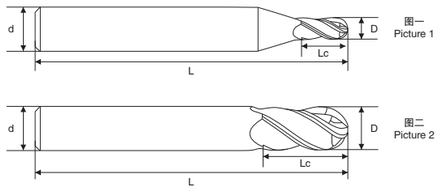
68度钢用4刃球刀
HRC68 Steel 4 Flutes Ball End Milling Cutter





- 适合加工材料：淬硬钢、冷硬铸铁

材料成分 Material composition

钴含量9%，晶粒度0.3–0.4 μ m，HRA93.2–94

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

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

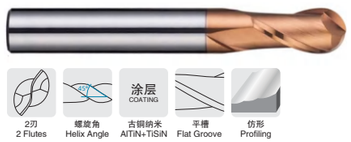
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 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	150	0.015D
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

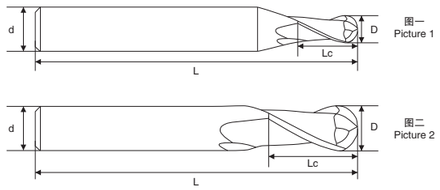
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*4T	1.5	6	3	50	4
R1.5*6*3*75*4T	1.5	6	3	75	4
R1.5*6*3*100*4T	1.5	6	3	100	4
R0.5*2*4*50*4T	0.5	2	4	50	4
R0.75*3*4*50*4T	0.75	3	4	50	4
R1*4*4*50*4T	1	4	4	50	4
R1.25*5*4*50*4T	1.25	5	4	50	4
R1.5*6*4*50*4T	1.5	6	4	50	4
R1.75*7*4*50*4T	1.75	7	4	50	4
R2*8*4*50*4T	2	8	4	50	4
R2*8*4*75*4T	2	8	4	75	4
R2*8*4*100*4T	2	8	4	100	4
R2.5*10*5*50*4T	2.5	10	5	50	4
R2.5*10*5*75*4T	2.5	10	5	75	4
R2.5*10*5*100*4T	2.5	10	5	100	4
R2.5*10*6*50*4T	2.5	10	6	50	4
R3*12*6*50*4T	3	12	6	50	4
R3*12*6*75*4T	3	12	6	75	4
R3*12*6*100*4T	3	12	6	100	4
R3*12*6*150*4T	3	12	6	150	4
R3.5*14*8*60*4T	3.5	14	8	60	4
R4*16*8*60*4T	4	16	8	60	4
R4*16*8*75*4T	4	16	8	75	4
R4*16*8*100*4T	4	16	8	100	4
R4*16*8*150*4T	4	16	8	150	4
R4.5*18*10*75*4T	4.5	18	10	75	4
R5*20*10*75*4T	5	20	10	75	4
R5*20*10*100*4T	5	20	10	100	4
R5*20*10*150*4T	5	20	10	150	4
R5.5*22*12*75*4T	5.5	22	12	75	4
R6*24*12*75*4T	6	24	12	75	4
R6*24*12*100*4T	6	24	12	100	4
R6*24*12*150*4T	6	24	12	150	4
R6.5*26*14*100*4T	6.5	26	14	100	4
R7*28*14*80*4T	7	28	14	80	4
R7*28*14*100*4T	7	28	14	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2刃球刀
HRC68 Steel 2 Flutes Ball End Milling Cutter





- 适合加工材料：淬硬钢、冷硬铸铁

材料成分 Material composition

钴含量9%，晶粒度0.3–0.4μm，HRA93.2–94

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

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

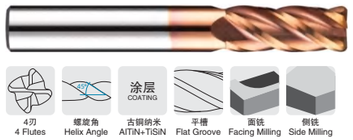
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 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	150	0.015D
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

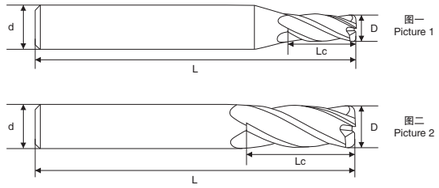
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*2T	1.5	6	3	50	2
R1.5*6*3*75*2T	1.5	6	3	75	2
R1.5*6*3*100*2T	1.5	6	3	100	2
R0.5*2*4*50*2T	0.5	2	4	50	2
R0.75*3*4*50*2T	0.75	3	4	50	2
R1*4*4*50*2T	1	4	4	50	2
R1.25*5*4*50*2T	1.25	5	4	50	2
R1.5*6*4*50*2T	1.5	6	4	50	2
R1.75*7*4*50*2T	1.75	7	4	50	2
R2*8*4*50*2T	2	8	4	50	2
R2*8*4*75*2T	2	8	4	75	2
R2*8*4*100*2T	2	8	4	100	2
R2.5*10*5*50*2T	2.5	10	5	50	2
R2.5*10*5*75*2T	2.5	10	5	75	2
R2.5*10*5*100*2T	2.5	10	5	100	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R3*12*6*50*2T	3	12	6	50	2
R3*12*6*75*2T	3	12	6	75	2
R3*12*6*100*2T	3	12	6	100	2
R3*12*6*150*2T	3	12	6	150	2
R3.5*14*8*60*2T	3.5	14	8	60	2
R4*16*8*60*2T	4	16	8	60	2
R4*16*8*75*2T	4	16	8	75	2
R4*16*8*100*2T	4	16	8	100	2
R4*16*8*150*2T	4	16	8	150	2
R4.5*18*10*75*2T	4.5	18	10	75	2
R5*20*10*75*2T	5	20	10	75	2
R5*20*10*100*2T	5	20	10	100	2
R5*20*10*150*2T	5	20	10	150	2
R5.5*22*12*75*2T	5.5	22	12	75	2
R6*24*12*75*2T	6	24	12	75	2
R6*24*12*100*2T	6	24	12	100	2
R6*24*12*150*2T	6	24	12	150	2
R6.5*26*14*100*2T	6.5	26	14	100	2
R7*28*14*80*2T	7	28	14	80	2
R7*28*14*100*2T	7	28	14	100	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 Steel 4 Flutes Round Nose Milling Cutter





- 适合加工材料：淬硬钢、冷硬铸铁

材料成分 Material composition

钴含量9%，晶粒度0.3–0.4μm，HRA93.2–94

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

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

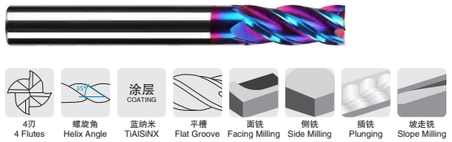
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper 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
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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

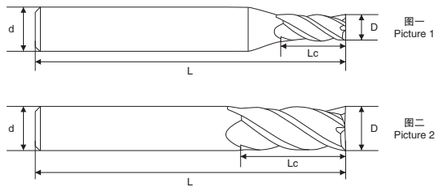
型号 Type	规格 Specification					刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	R	
3*8*3*50*4T	3	8	3	50	0.5/1	4
3*12*3*75L*4T	3	12	3	75	0.5/1	4
3*15*3*100*4T	3	15	3	100	0.5/1	4
1*3*4*50*4T	1	3	4	50	0.2	4
1.5*4*4*50*4T	1.5	4	4	50	0.2	4
2*5*4*50*4T	2	5	4	50	0.2/0.5	4
3*8*4*50*4T	3	8	4	50	0.2/0.5/1	4
4*10*4*50*4T	4	10	4	50	0.2/0.5/1	4
4*16*4*75*4T	4	16	4	75	0.5/1	4
4*20*4*100*4T	4	20	4	100	0.5/1	4
5*13*5*50*4T	5	13	5	50	0.5/1	4
5*20*5*75*4T	5	20	5	75	0.5/1	4
5*25*5*100*4T	5	25	5	10	0.5/1	4
6*15*6*50*4T	6	15	6	50	0.2/0.5/1	4
5*13*6*50*4T	5	13	6	50	0.5/1	4
6*25*6*75*4T	6	25	6	75	0.5/1	4
6*30*6*100*4T	6	30	6	100	0.5/1	4
6*40*6*150*4T	6	40	6	150	0.5/1	4
8*20*8*60*4T	8	20	8	60	0.2/0.5/1/2/3	4
8*28*8*75*4T	8	28	8	75	0.5/1/2/3	4
8*35*8*100*4T	8	35	8	100	0.5/1/2/3	4
8*50*8*150*4T	8	50	8	150	0.5/1/2/3	4
10*25*10*75*4T	10	25	10	75	0.2/0.5/1/1.5/2/3	4
10*40*10*100*4T	10	40	10	100	0.5/1/2/3	4
10*50*10*150*4T	10	50	10	150	0.5/1/2/3	4
12*30*12*75*4T	12	30	12	75	0.2/0.5/1/1.5/2/3	4
12*45*12*100*4T	12	45	12	100	0.5/1/2/3	4
12*60*12*150*4T	12	60	12	150	0.5/1/2/3	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 Steel 4 Flutes Flat End Milling Cutter



- 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



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 μ m, 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

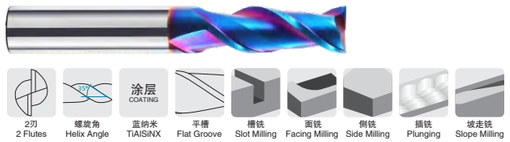
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels	ap≤1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap≤1.5D	ae≤0.1D	120	0.0055D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel	ap≤1.5D	ae≤0.1D	80	0.0035D

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

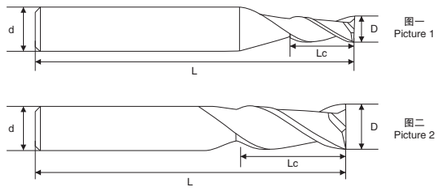
型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*4T	3	8	3	50	4
3*12*3*75*4T	3	12	3	75	4
3*15*3*100*4T	3	15	3	100	4
1*3*4*50*4T	1	3	4	50	4
1.5*4*4*50*4T	1.5	4	4	50	4
2*5*4*50*4T	2	5	4	50	4
2.5*7*4*50*4T	2.5	7	4	50	4
3*8*4*50*4T	3	8	4	50	4
3.5*10*4*50*4T	3.5	10	4	50	4
4*10*4*50*4T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

65度钢用2刃平刀
HRC65 Steel 2 Flutes Flat End Milling Cutter



- 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



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 μ m, 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

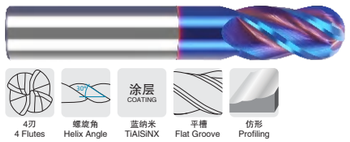
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel	ap≤1.5D	ae≤0.1D	120	0.006D
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

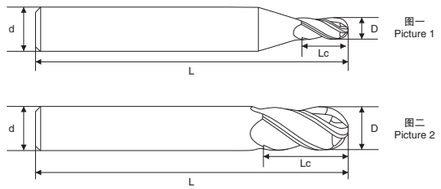
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*2T	3	8	3	50	2
3*12*3*75*2T	3	12	3	75	2
3*15*3*100*2T	3	15	3	100	2
1*3*4*50*2T	1	3	4	50	2
1.5*4*4*50*2T	1.5	4	4	50	2
2*5*4*50*2T	2	5	4	50	2
2.5*7*4*50*2T	2.5	7	4	50	2
3*8*4*50*2T	3	8	4	50	2
3.5*10*4*50*2T	3.5	10	4	50	2
4*10*4*50*2T	4	10	4	50	2
4*16*4*75*2T	4	16	4	75	2
4*20*4*100*2T	4	20	4	100	2
5*13*5*50*2T	5	13	5	50	2
5*20*5*75*2T	5	20	5	75	2
5*25*5*100*2T	5	25	5	100	2
1*3*6*50*2T	1	3	6	50	2
1.5*4*6*50*2T	1.5	4	6	50	2
2*5*6*50*2T	2	5	6	50	2
2.5*7*6*50*2T	2.5	7	6	50	2
3*8*6*50*2T	3	8	6	50	2
3.5*10*6*50*2T	3.5	10	6	50	2
4*10*6*50*2T	4	10	6	50	2
4.5*12*6*50*2T	4.5	12	6	50	2
5*13*6*50*2T	5	13	6	50	2
6*15*6*50*2T	6	15	6	50	2
6*25*6*75*2T	6	25	6	75	2
6*30*6*100*2T	6	30	6	100	2
6*40*6*150*2T	6	40	5	150	2
7*18*8*60*2T	7	18	8	60	2
8*20*8*60*2T	8	20	8	60	2
8*28*8*75*2T	8	28	8	75	2
8*35*8*100*2T	8	35	8	100	2
8*50*8*150*2T	8	50	8	150	2
9*23*10*75*2T	9	23	10	75	2
10*25*10*75*2T	10	25	10	75	2
10*40*10*100*2T	10	40	10	100	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度钢用4刃球刀
HRC65 Steel 4 Flutes Ball End Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢

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 μ m, 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

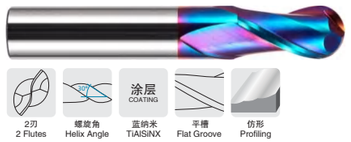
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=0.2D	ae≤0.2D	120	0.004D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel	ap=0.1D	ae≤0.1D	80	0.004D

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

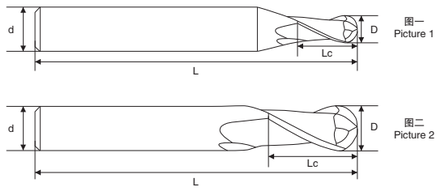
型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3*50*4T	1.5	6	3	50	4
R1.5*6*3*75*4T	1.5	6	3	75	4
R1.5*6*3*100*4T	1.5	6	3	100	4
R0.5*2*4*50*4T	0.5	2	4	50	4
R0.75*3*4*50*4T	0.75	3	4	50	4
R1*4*4*50*4T	1	4	4	50	4
R1.25*5*4*50*4T	1.25	5	4	50	4
R1.5*6*4*50*4T	1.5	6	4	50	4
R1.75*7*4*50*4T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

65度钢用2刃球刀
HRC65 Steel 2 Flutes Ball End Milling Cutter



- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢



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 μ m, 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

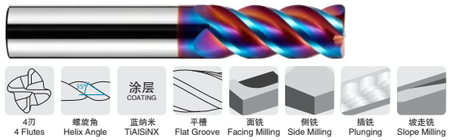
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=0.2D	ae≤0.2D	120	0.004D
	碳钢、合金钢 Carbon Steel, Alloy Steel	ap=0.2D	ae≤0.2D	80	0.004D
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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

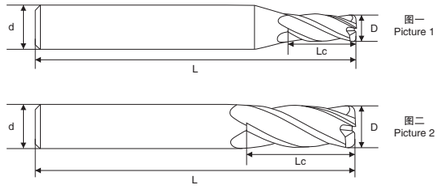
型号 Type	规格 Specification				刃数 Flutes
	刃半径 R	刃长 Lc	柄径 d	总长 L	
R1.5*6*3*50*2T	1.5	6	3	50	2
R1.5*6*3*75*2T	1.5	6	3	75	2
R1.5*6*3*100*2T	1.5	6	3	100	2
R0.5*2*4*50*2T	0.5	2	4	50	2
R0.75*3*4*50*2T	0.75	3	4	50	2
R1*4*4*50*2T	1	4	4	50	2
R1.25*5*4*50*2T	1.25	5	4	50	2
R1.5*6*4*50*2T	1.5	6	4	50	2
R1.75*7*4*50*2T	1.75	7	4	50	2
R2*8*4*50*2T	2	8	4	50	2
R2*8*4*75*2T	2	8	4	75	2
R2*8*4*100*2T	2	8	4	100	2
R2.5*10*5*50*2T	2.5	10	5	50	2
R2.5*10*5*75*2T	2.5	10	5	75	2
R2.5*10*5*100*2T	2.5	10	5	100	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R3*12*6*50*2T	3	12	6	50	2
R3*12*6*75*2T	3	12	6	75	2
R3*12*6*100*2T	3	12	6	100	2
R3*12*6*150*2T	3	12	6	150	2
R3.5*14*8*60*2T	3.5	14	8	60	2
R4*16*8*60*2T	4	16	8	60	2
R4*16*8*75*2T	4	16	8	75	2
R4*16*8*100*2T	4	16	8	100	2
R4*16*8*150*2T	4	16	8	150	2
R4.5*18*10*75*2T	4.5	18	10	75	2
R5*20*10*75*2T	5	20	10	75	2
R5*20*10*100*2T	5	20	10	100	2
R5*20*10*150*2T	5	20	10	150	2
R5.5*22*12*75*2T	5.5	22	12	75	2
R6*24*12*75*2T	6	24	12	75	2
R6*24*12*100*2T	6	24	12	100	2
R6*24*12*150*2T	6	24	12	150	2
R6.5*26*14*100*2T	6.5	26	14	100	2
R7*28*14*80*2T	7	28	14	80	2
R7*28*14*100*2T	7	28	14	100	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度钢用4刃圆鼻刀
HRC65 Steel 4 Flutes Round Nose Milling Cutter



- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢



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 μ m, HRA92.5-93

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、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

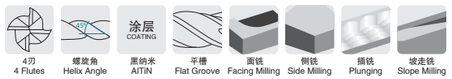
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels	ap=1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.1D	120	0.0055D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel	ap=1.5D	ae≤0.1D	80	0.0035D

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

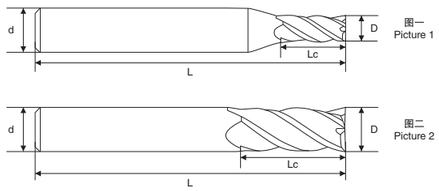
型号 Type	规格 Specification					刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	R	
3*8*3*50*4T	3	8	3	50	0.5/1	4
3*12*3*75L*4T	3	12	3	75	0.5/1	4
3*15*3*100*4T	3	15	3	100	0.5/1	4
1*3*4*50*4T	1	3	4	50	0.2	4
1.5*4*4*50*4T	1.5	4	4	50	0.2	4
2*5*4*50*4T	2	5	4	50	0.2/0.5	4
3*8*4*50*4T	3	8	4	50	0.2/0.5/1	4
4*10*4*50*4T	4	10	4	50	0.2/0.5/1	4
4*16*4*75*4T	4	16	4	75	0.5/1	4
4*20*4*100*4T	4	20	4	100	0.5/1	4
5*13*5*50*4T	5	13	5	50	0.5/1	4
5*20*5*75*4T	5	20	5	75	0.5/1	4
5*25*5*100*4T	5	25	5	10	0.5/1	4
6*15*6*50*4T	6	15	6	50	0.2/0.5/1	4
5*13*6*50*4T	5	13	6	50	0.5/1	4
6*25*6*75*4T	6	25	6	75	0.5/1	4
6*30*6*100*4T	6	30	6	100	0.5/1	4
6*40*6*150*4T	6	40	6	150	0.5/1	4
8*20*8*60*4T	8	20	8	60	0.2/0.5/1/2/3	4
8*28*8*75*4T	8	28	8	75	0.5/1/2/3	4
8*35*8*100*4T	8	35	8	100	0.5/1/2/3	4
8*50*8*150*4T	8	50	8	150	0.5/1/2/3	4
10*25*10*75*4T	10	25	10	75	0.2/0.5/1/1.5/2/3	4
10*40*10*100*4T	10	40	10	100	0.5/1/2/3	4
10*50*10*150*4T	10	50	10	150	0.5/1/2/3	4
12*30*12*75*4T	12	30	12	75	0.2/0.5/1/1.5/2/3	4
12*45*12*100*4T	12	45	12	100	0.5/1/2/3	4
12*60*12*150*4T	12	60	12	150	0.5/1/2/3	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刃平刀
HRC60 Steel 4 Flutes Flat End Milling Cutter



- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢



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 μ m, 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)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
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	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel	ap=1.5D	ae≤0.1D	80	0.0035D

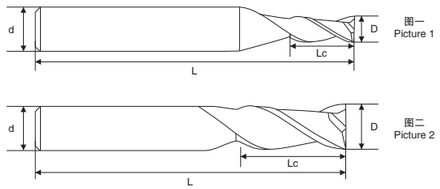
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*4T	3	8	3	50	4
3*12*3*75*4T	3	12	3	75	4
3*15*3*100*4T	3	15	3	100	4
1*3*4*50*4T	1	3	4	50	4
1.5*4*4*50*4T	1.5	4	4	50	4
2*5*4*50*4T	2	5	4	50	4
2.5*7*4*50*4T	2.5	7	4	50	4
3*8*4*50*4T	3	8	4	50	4
3.5*10*4*50*4T	3.5	10	4	50	4
4*10*4*50*4T	4	10	4	50	4
4*16*4*75*4T	4	16	4	75	4
4*20*4*100*4T	4	20	4	100	4
5*13*5*50*4T	5	13	5	50	4
5*20*5*75*4T	5	20	5	75	4
5*25*5*100*4T	5	25	5	100	4
1*3*6*50*4T	1	3	6	50	4
1.5*4*6*50*4T	1.5	4	6	50	4
2*5*6*50*4T	2	5	6	50	4
2.5*7*6*50*4T	2.5	7	6	50	4
3*8*6*50*4T	3	8	6	50	4
3.5*10*6*50*4T	3.5	10	6	50	4
4*10*6*50*4T	4	10	6	50	4
4.5*12*6*50*4T	4.5	12	6	50	4
5*13*6*50*4T	5	13	6	50	4
6*15*6*50*4T	6	15	6	50	4
6*25*6*75*4T	6	25	6	75	4
6*30*6*100*4T	6	30	6	100	4
6*40*6*150*4T	6	40	5	150	4
7*18*8*60*4T	7	18	8	60	4
8*20*8*60*4T	8	20	8	60	4
8*28*8*75*4T	8	28	8	75	4
8*35*8*100*4T	8	35	8	100	4
8*50*8*150*4T	8	50	8	150	4
9*23*10*75*4T	9	23	10	75	4
10*25*10*75*4T	10	25	10	75	4
10*40*10*100*4T	10	40	10	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2刃平刀
HRC60 Steel 2 Flutes Flat End Milling Cutter

- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢



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 μ m, 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

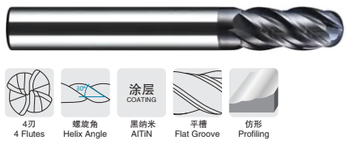
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel	ap=1.5D	ae≤0.1D	120	0.006D
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

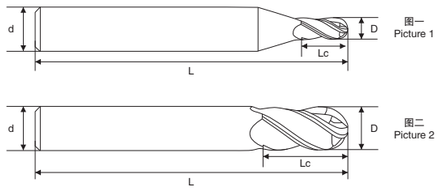
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*2T	3	8	3	50	2
3*12*3*75*2T	3	12	3	75	2
3*15*3*100*2T	3	15	3	100	2
1*3*4*50*2T	1	3	4	50	2
1.5*4*4*50*2T	1.5	4	4	50	2
2*5*4*50*2T	2	5	4	50	2
2.5*7*4*50*2T	2.5	7	4	50	2
3*8*4*50*2T	3	8	4	50	2
3.5*10*4*50*2T	3.5	10	4	50	2
4*10*4*50*2T	4	10	4	50	2
4*16*4*75*2T	4	16	4	75	2
4*20*4*100*2T	4	20	4	100	2
5*13*5*50*2T	5	13	5	50	2
5*20*5*75*2T	5	20	5	75	2
5*25*5*100*2T	5	25	5	100	2
1*3*6*50*2T	1	3	6	50	2
1.5*4*6*50*2T	1.5	4	6	50	2
2*5*6*50*2T	2	5	6	50	2
2.5*7*6*50*2T	2.5	7	6	50	2
3*8*6*50*2T	3	8	6	50	2
3.5*10*6*50*2T	3.5	10	6	50	2
4*10*6*50*2T	4	10	6	50	2
4.5*12*6*50*2T	4.5	12	6	50	2
5*13*6*50*2T	5	13	6	50	2
6*15*6*50*2T	6	15	6	50	2
6*25*6*75*2T	6	25	6	75	2
6*30*6*100*2T	6	30	6	100	2
6*40*6*150*2T	6	40	5	150	2
7*18*8*60*2T	7	18	8	60	2
8*20*8*60*2T	8	20	8	60	2
8*28*8*75*2T	8	28	8	75	2
8*35*8*100*2T	8	35	8	100	2
8*50*8*150*2T	8	50	8	150	2
9*23*10*75*2T	9	23	10	75	2
10*25*10*75*2T	10	25	10	75	2
10*40*10*100*2T	10	40	10	100	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刃球刀
HRC60 Steel 4 Flutes Ball End Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢

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 μ m, 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

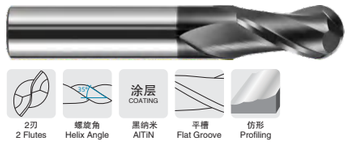
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel	ap=0.1D	ae≤0.1D	80	0.004D

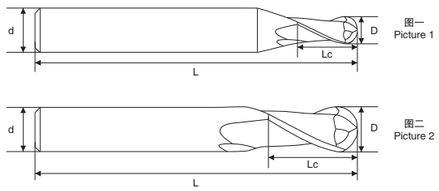
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*4T	1.5	6	3	50	4
R1.5*6*3*75*4T	1.5	6	3	75	4
R1.5*6*3*100*4T	1.5	6	3	100	4
R0.5*2*4*50*4T	0.5	2	4	50	4
R0.75*3*4*50*4T	0.75	3	4	50	4
R1*4*4*50*4T	1	4	4	50	4
R1.25*5*4*50*4T	1.25	5	4	50	4
R1.5*6*4*50*4T	1.5	6	4	50	4
R1.75*7*4*50*4T	1.75	7	4	50	4
R2*8*4*50*4T	2	8	4	50	4
R2*8*4*75*4T	2	8	4	75	4
R2*8*4*100*4T	2	8	4	100	4
R2.5*10*5*50*4T	2.5	10	5	50	4
R2.5*10*5*75*4T	2.5	10	5	75	4
R2.5*10*5*100*4T	2.5	10	5	100	4
R0.5*2*6*50*4T	0.5	2	6	50	4
R0.75*3*6*50*4T	0.75	3	6	50	4
R1*4*6*50*4T	1	4	6	50	4
R1.25*5*6*50*4T	1.25	5	6	50	4
R1.5*6*6*50*4T	1.5	6	6	50	4
R1.75*7*6*50*4T	1.75	7	6	50	4
R2*8*6*50*4T	2	8	6	50	4
R2.5*10*6*50*4T	2.5	10	6	50	4
R3*12*6*50*4T	3	12	6	50	4
R3*12*6*75*4T	3	12	6	75	4
R3*12*6*100*4T	3	12	6	100	4
R3*12*6*150*4T	3	12	6	150	4
R3.5*14*8*60*4T	3.5	14	8	60	4
R4*16*8*60*4T	4	16	8	60	4
R4*16*8*75*4T	4	16	8	75	4
R4*16*8*100*4T	4	16	8	100	4
R4*16*8*150*4T	4	16	8	150	4
R4.5*18*10*75*4T	4.5	18	10	75	4
R5*20*10*75*4T	5	20	10	75	4
R5*20*10*100*4T	5	20	10	100	4
R5*20*10*150*4T	5	20	10	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 Steel 4 Flutes Ball End Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢

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 μ m, 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)				
	碳钢、合金钢 Carbon Steel, Alloy Steel	ap=0.2D	ae≤0.2D	120	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	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

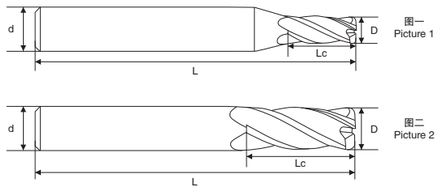
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*2T	1.5	6	3	50	2
R1.5*6*3*75*2T	1.5	6	3	75	2
R1.5*6*3*100*2T	1.5	6	3	100	2
R0.5*2*4*50*2T	0.5	2	4	50	2
R0.75*3*4*50*2T	0.75	3	4	50	2
R1*4*4*50*2T	1	4	4	50	2
R1.25*5*4*50*2T	1.25	5	4	50	2
R1.5*6*4*50*2T	1.5	6	4	50	2
R1.75*7*4*50*2T	1.75	7	4	50	2
R2*8*4*50*2T	2	8	4	50	2
R2*8*4*75*2T	2	8	4	75	2
R2*8*4*100*2T	2	8	4	100	2
R2.5*10*5*50*2T	2.5	10	5	50	2
R2.5*10*5*75*2T	2.5	10	5	75	2
R2.5*10*5*100*2T	2.5	10	5	100	2
R0.5*2*6*50*2T	0.5	2	6	50	2
R0.75*3*6*50*2T	0.75	3	6	50	2
R1*4*6*50*2T	1	4	6	50	2
R1.25*5*6*50*2T	1.25	5	6	50	2
R1.5*6*6*50*2T	1.5	6	6	50	2
R1.75*7*6*50*2T	1.75	7	6	50	2
R2*8*6*50*2T	2	8	6	50	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R3*12*6*50*4T	3	12	6	50	2
R3*12*6*75*4T	3	12	6	75	2
R3*12*6*100*4T	3	12	6	100	2
R3*12*6*150*4T	3	12	6	150	2
R3.5*14*8*60*4T	3.5	14	8	60	2
R4*16*8*60*4T	4	16	8	60	2
R4*16*8*75*4T	4	16	8	75	2
R4*16*8*100*4T	4	16	8	100	2
R4*16*8*150*4T	4	16	8	150	2
R4.5*18*10*75*4T	4.5	18	10	75	2
R5*20*10*75*4T	5	20	10	75	2
R5*20*10*100*4T	5	20	10	100	2
R5*20*10*150*4T	5	20	10	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 Steel 4 Flutes Round Nose Milling Cutter

- 适合加工材料：碳钢、合金钢、不锈钢、铸铁预硬钢、调质钢



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 μ m, 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

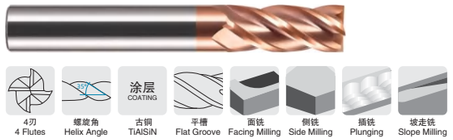
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels	ap=1.5D	ae≤0.1D	100	0.006D
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.2D	120	0.0055D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel	ap=1.5D	ae≤0.2D	80	0.0035D

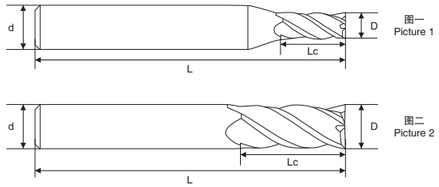
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	R	
3*8*3*50*4T	3	8	3	50	0.5/1	4
3*12*3*75L*4T	3	12	3	75	0.5/1	4
3*15*3*100*4T	3	15	3	100	0.5/1	4
1*3*4*50*4T	1	3	4	50	0.2	4
1.5*4*4*50*4T	1.5	4	4	50	0.2	4
2*5*4*50*4T	2	5	4	50	0.2/0.5	4
3*8*4*50*4T	3	8	4	50	0.2/0.5/1	4
4*10*4*50*4T	4	10	4	50	0.2/0.5/1	4
4*16*4*75*4T	4	16	4	75	0.5/1	4
4*20*4*100*4T	4	20	4	100	0.5/1	4
5*13*5*50*4T	5	13	5	50	0.5/1	4
5*20*5*75*4T	5	20	5	75	0.5/1	4
5*25*5*100*4T	5	25	5	10	0.5/1	4
6*15*6*50*4T	6	15	6	50	0.2/0.5/1	4
5*13*6*50*4T	5	13	6	50	0.5/1	4
6*25*6*75*4T	6	25	6	75	0.5/1	4
6*30*6*100*4T	6	30	6	100	0.5/1	4
6*40*6*150*4T	6	40	6	150	0.5/1	4
8*20*8*60*4T	8	20	8	60	0.2/0.5/1/2/3	4
8*28*8*75*4T	8	28	8	75	0.5/1/2/3	4
8*35*8*100*4T	8	35	8	100	0.5/1/2/3	4
8*50*8*150*4T	8	50	8	150	0.5/1/2/3	4
10*25*10*75*4T	10	25	10	75	0.2/0.5/1/1.5/2/3	4
10*40*10*100*4T	10	40	10	100	0.5/1/2/3	4
10*50*10*150*4T	10	50	10	150	0.5/1/2/3	4
12*30*12*75*4T	12	30	12	75	0.2/0.5/1/1.5/2/3	4
12*45*12*100*4T	12	45	12	100	0.5/1/2/3	4
12*60*12*150*4T	12	60	12	150	0.5/1/2/3	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刃平刀
HRC58 Steel 4 Flutes Flat End Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

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 μ m, 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)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
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	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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*3*50*4T	3	8	3	50	4
3*12*3*75*4T	3	12	3	75	4
3*15*3*100*4T	3	15	3	100	4
1*3*4*50*4T	1	3	4	50	4
1.5*4*4*50*4T	1.5	4	4	50	4
2*5*4*50*4T	2	5	4	50	4
2.5*7*4*50*4T	2.5	7	4	50	4
3*8*4*50*4T	3	8	4	50	4
3.5*10*4*50*4T	3.5	10	4	50	4
4*10*4*50*4T	4	10	4	50	4
4*16*4*75*4T	4	16	4	75	4
4*20*4*100*4T	4	20	4	100	4
1*3*4*75*4T	1	3	4	75	4
1.5*4*4*75*4T	1.5	4	4	75	4
2*5*4*75*4T	2	5	4	75	4
2.5*7*4*75*4T	2.5	7	4	75	4
3*8*4*75*4T	3	8	4	75	4
5*13*5*50*4T	5	13	5	50	4
5*20*5*75*4T	5	20	5	75	4
5*25*5*100*4T	5	25	5	100	4
1*3*6*50*4T	1	3	6	50	4
1.5*4*6*50*4T	1.5	4	6	50	4
2*5*6*50*4T	2	5	6	50	4
2.5*7*6*50*4T	2.5	7	6	50	4
3*8*6*50*4T	3	8	6	50	4
3.5*10*6*50*4T	3.5	10	6	50	4
4*10*6*50*4T	4	10	6	50	4
4.5*12*6*50*4T	4.5	12	6	50	4
5*13*6*50*4T	5	13	6	50	4
6*15*6*50*4T	6	15	6	50	4
6*25*6*75*4T	6	25	6	75	4
6*30*6*100*4T	6	30	6	100	4
6*40*6*150*4T	6	40	5	150	4
7*18*8*60*4T	7	18	8	60	4
8*20*8*60*4T	8	20	8	60	4
8*28*8*75*4T	8	28	8	75	4

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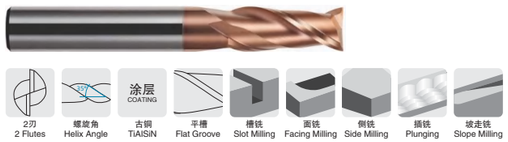
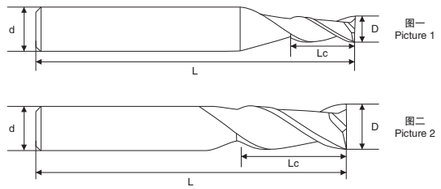
58度钢用2刃平刀
HRC58 Steel 2 Flutes Flat End Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

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 μ m, 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

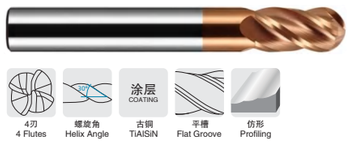
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=1.5D	ae≤0.15D	170	0.008D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

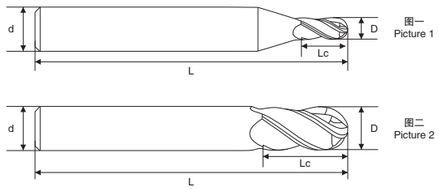
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*2T	3	8	3	50	2
3*12*3*75*2T	3	12	3	75	2
3*15*3*100*2T	3	15	3	100	2
1*3*4*50*2T	1	3	4	50	2
1.5*4*4*50*2T	1.5	4	4	50	2
2*5*4*50*2T	2	5	4	50	2
2.5*7*4*50*2T	2.5	7	4	50	2
3*8*4*50*2T	3	8	4	50	2
3.5*10*4*50*2T	3.5	10	4	50	2
4*10*4*50*2T	4	10	4	50	2
4*16*4*75*2T	4	16	4	75	2
4*20*4*100*2T	4	20	4	100	2
1*3*4*75*2T	1	3	4	75	2
1.5*4*4*75*2T	1.5	4	4	75	2
2*5*4*75*2T	2	5	4	75	2
2.5*7*4*75*2T	2.5	7	4	75	2
3*8*4*75*2T	3	8	4	75	2
5*13*5*50*2T	5	13	5	50	2
5*20*5*75*2T	5	20	5	75	2
5*25*5*100*2T	5	25	5	100	2
1*3*6*50*2T	1	3	6	50	2
1.5*4*6*50*2T	1.5	4	6	50	2
2*5*6*50*2T	2	5	6	50	2
2.5*7*6*50*2T	2.5	7	6	50	2
3*8*6*50*2T	3	8	6	50	2
3.5*10*6*50*2T	3.5	10	6	50	2
4*10*6*50*2T	4	10	6	50	2
4.5*12*6*50*2T	4.5	12	6	50	2
5*13*6*50*2T	5	13	6	50	2
6*15*6*50*2T	6	15	6	50	2
6*25*6*75*2T	6	25	6	75	2
6*30*6*100*2T	6	30	6	100	2
6*40*6*150*2T	6	40	5	150	2
7*18*8*60*2T	7	18	8	60	2
8*20*8*60*2T	8	20	8	60	2
8*28*8*75*2T	8	28	8	75	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刃球刀
HRC58 Steel 4 Flutes Ball End Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

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 μ m, 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

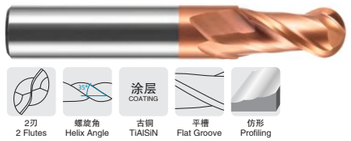
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=0.2D	ae≤0.3D	150	0.009D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=0.2D	ae≤0.2D	130	0.009D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

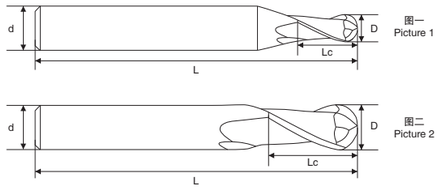
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*4T	1.5	6	3	50	4
R1.5*6*3*75*4T	1.5	6	3	75	4
R1.5*6*3*100*4T	1.5	6	3	100	4
R0.5*2*4*50*4T	0.5	2	4	50	4
R0.75*3*4*50*4T	0.75	3	4	50	4
R1*4*4*50*4T	1	4	4	50	4
R1.25*5*4*50*4T	1.25	5	4	50	4
R1.5*6*4*50*4T	1.5	6	4	50	4
R1.75*7*4*50*4T	1.75	7	4	50	4
R2*8*4*50*4T	2	8	4	50	4
R2*8*4*75*4T	2	8	4	75	4
R2*8*4*100*4T	2	8	4	100	4
R2.5*10*5*50*4T	2.5	10	5	50	4
R2.5*10*5*75*4T	2.5	10	5	75	4
R2.5*10*5*100*4T	2.5	10	5	100	4
R2.5*10*6*50*4T	0.5	2	6	50	4
R3*12*6*50*4T	3	12	6	50	4
R3*12*6*75*4T	3	12	6	75	4
R3*12*6*100*4T	3	12	6	100	4
R3*12*6*150*4T	3	12	6	150	4
R3.5*14*8*60*4T	3.5	14	8	60	4
R4*16*8*60*4T	4	16	8	60	4
R4*16*8*75*4T	4	16	8	75	4
R4*16*8*100*4T	4	16	8	100	4
R4*16*8*150*4T	4	16	8	150	4
R4.5*18*10*75*4T	4.5	18	10	75	4
R5*20*10*75*4T	5	20	10	75	4
R5*20*10*100*4T	5	20	10	100	4
R5*20*10*150*4T	5	20	10	150	4
R5.5*22*12*75*4T	5.5	22	10	150	4
R6*24*12*75*4T	6	24	12	75	4
R6*24*12*100*4T	6	24	12	100	4
R6*24*12*150*4T	6	24	12	150	4
R6.5*26*14*100*4T	6.5	26	14	100	4
R7*28*14*80*4T	7	28	14	80	4
R7*28*14*100*4T	7	28	14	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

58度钢用2刃球刀
HRC58 Steel 4 Flutes Ball End Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

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 μ m, 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

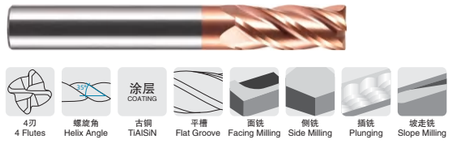
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=1.5D	ae≤0.15D	170	0.008D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.15D	150	0.0065D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

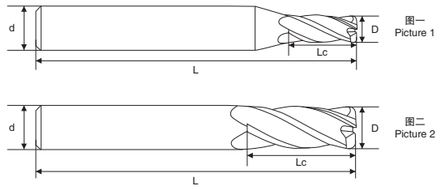
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*2T	1.5	6	3	50	2
R1.5*6*3*75*2T	1.5	6	3	75	2
R1.5*6*3*100*2T	1.5	6	3	100	2
R0.5*2*4*50*2T	0.5	2	4	50	2
R0.75*3*4*50*2T	0.75	3	4	50	2
R1*4*4*50*2T	1	4	4	50	2
R1.25*5*4*50*2T	1.25	5	4	50	2
R1.5*6*4*50*2T	1.5	6	4	50	2
R1.75*7*4*50*2T	1.75	7	4	50	2
R2*8*4*50*2T	2	8	4	50	2
R2*8*4*75*2T	2	8	4	75	2
R2*8*4*100*2T	2	8	4	100	2
R0.5*2*4*75*2T	0.5	2	4	75	2
R0.75*3*4*75*2T	0.75	3	4	75	2
R1*4*4*75*2T	1	4	4	75	2
R1.25*5*4*75*2T	1.25	5	4	75	2
R1.5*6*4*75*2T	1.5	6	4	75	2
R2.5*10*5*50*2T	2.5	10	5	50	2
R2.5*10*5*75*2T	2.5	10	5	75	2
R2.5*10*5*100*2T	2.5	10	5	100	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R0.5*2*6*50*2T	0.5	2	6	50	2
R0.75*3*6*50*2T	0.75	3	6	50	2
R1*4*6*50*2T	1	4	6	50	2
R1.25*5*6*50*2T	1.25	5	6	50	2
R1.5*6*6*50*2T	1.5	6	6	50	2
R1.75*7*6*50*2T	1.75	7	6	50	2
R2*8*6*50*2T	2	8	6	50	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R3*12*6*50*2T	3	12	6	50	2
R3*12*6*75*2T	3	12	6	75	2
R3*12*6*100*2T	3	12	6	100	2
R3*12*6*150*2T	3	12	6	150	2
R3.5*14*8*60*2T	3.5	14	8	60	2
R4*16*8*60*2T	4	16	8	60	2
R4*16*8*75*2T	4	16	8	75	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刃圆鼻刀
HRC58 Steel 4 Flutes Round Nose Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

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 μ m, 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

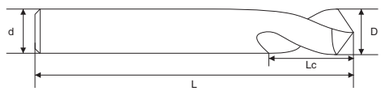
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.15D	150	0.007D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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	R	
3*8*3*50*4T	3	8	3	50	0.5/1	4
3*12*3*75L*4T	3	12	3	75	0.5/1	4
3*15*3*100*4T	3	15	3	100	0.5/1	4
1*3*4*50*4T	1	3	4	50	0.2	4
1.5*4*4*50*4T	1.5	4	4	50	0.2	4
2*5*4*50*4T	2	5	4	50	0.2/0.5	4
3*8*4*50*4T	3	8	4	50	0.2/0.5/1	4
4*10*4*50*4T	4	10	4	50	0.2/0.5/1	4
4*16*4*75*4T	4	16	4	75	0.5/1	4
4*20*4*100*4T	4	20	4	100	0.5/1	4
5*13*5*50*4T	5	13	5	50	0.5/1	4
5*20*5*75*4T	5	20	5	75	0.5/1	4
5*25*5*100*4T	5	25	5	10	0.5/1	4
6*15*6*50*4T	6	15	6	50	0.2/0.5/1	4
5*13*6*50*4T	5	13	6	50	0.5/1	4
6*25*6*75*4T	6	25	6	75	0.5/1	4
6*30*6*100*4T	6	30	6	100	0.5/1	4
6*40*6*150*4T	6	40	6	150	0.5/1	4
8*20*8*60*4T	8	20	8	60	0.2/0.5/1/2/3	4
8*28*8*75*4T	8	28	8	75	0.5/1/2/3	4
8*35*8*100*4T	8	35	8	100	0.5/1/2/3	4
8*50*8*150*4T	8	50	8	150	0.5/1/2/3	4
10*25*10*75*4T	10	25	10	75	0.2/0.5/1/1.5/2/3	4
10*40*10*100*4T	10	40	10	100	0.5/1/2/3	4
10*50*10*150*4T	10	50	10	150	0.5/1/2/3	4
12*30*12*75*4T	12	30	12	75	0.2/0.5/1/1.5/2/3	4
12*45*12*100*4T	12	45	12	100	0.5/1/2/3	4
12*60*12*150*4T	12	60	12	150	0.5/1/2/3	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度钢用定点钻
HRC58 Steel Spot Drills



- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

材料成分 Material composition

钻含量10%，晶粒度0.8μm，HRA91.5–92

Cobalt content 10%, grain size 0.8 μ m, 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

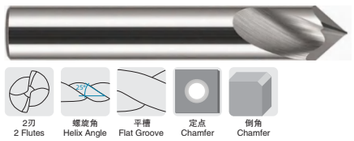
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)			120	0.05D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)			90	0.05D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

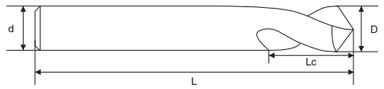
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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

58度铝用定点钻
HRC58 Aluminum Spot Drills





- 适合加工材料：铸造铝合金、铜合金

材料成分 Material composition

钻含量10%，晶粒度0.8μm，HRA91.5–92

Cobalt content 10%, grain size 0.8 μ m, 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

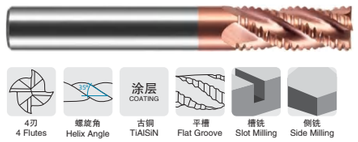
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)			130	0.05D
	铜合金 Copper Alloy			100	0.05D
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

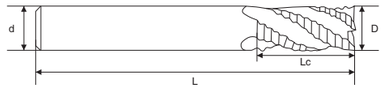
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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

58度钢用粗皮刀
HRC58 Steel Roughing End Mill





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

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 μ m, 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

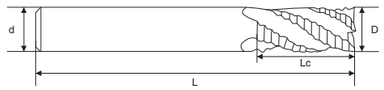
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=1.5D	ae≤0.3D	130	0.006D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.3D	130	0.006D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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*3*50*4T	3	8	3	50	4
3*12*3*75*4T	3	12	3	75	4
3*15*3*100*4T	3	15	3	100	4
4*10*4*50*4T	4	10	4	50	4
4*16*4*75*4T	4	16	4	75	4
4*20*4*100*4T	4	20	4	100	4
5*13*5*50*4T	5	13	5	50	4
5*20*5*75*4T	5	20	5	75	4
5*25*5*100*4T	5	25	5	100	4
5*13*6*50*4T	5	13	6	50	4
6*15*6*50*4T	6	15	6	50	4
6*25*6*75*4T	6	25	6	75	4
6*30*6*100*4T	6	30	6	100	4
8*20*8*60*4T	8	20	8	60	4
8*28*8*75*4T	8	28	8	75	4
8*35*8*100*4T	8	35	8	100	4
10*25*10*75*4T	10	25	10	75	4
10*40*10*100*4T	10	40	10	100	4
12*30*12*75*4T	12	30	12	75	4
12*45*12*100*4T	12	45	12	100	4
14*45*14*100*4T	14	45	14	100	4
14*60*14*150*4T	14	60	14	150	4
16*45*16*100*4T	16	45	16	100	4
16*60*16*150*4T	16	60	16	150	4
18*45*18*100*4T	18	45	18	100	4
18*70*18*150*4T	18	70	18	150	4
20*45*20*100*4T	20	45	20	100	4
20*70*20*150*4T	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度铝用粗皮刀
HRC58 Aluminum Roughing End Mill



- 适合加工材料：铸造铝合金、铜合金

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 μ m, 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

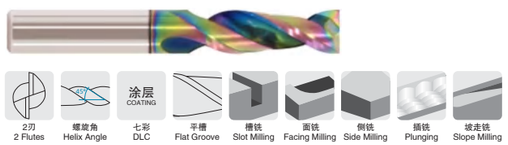
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap≤1.5D	ae≤0.3D	130	0.008D
	铜合金 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)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

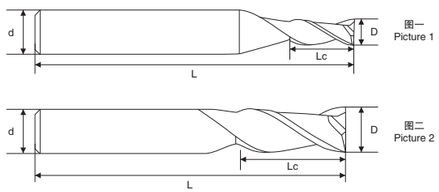
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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

58度铝用2刃平刀
HRC58 Aluminum 2 Flutes Flat End Milling Cutter





- 适合加工材料：铸造铝合金、铜合金

材料成分 Material composition

钻含量10%，晶粒度0.8μm，HRA91.5–92

Cobalt content 10%, grain size 0.8 μ m, 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

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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

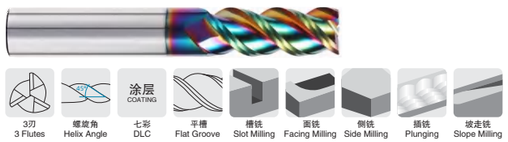
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap=1.5D	ae≤0.2D	150(60~350)	0.009D
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45~65HRC) Alloy Steel, Hardened Steel (45~65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

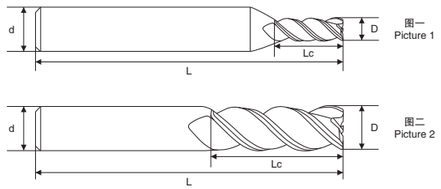
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*9*3*50*2T	3	9	3	50	2
3*12*3*75*2T	3	12	3	75	2
3*15*3*100*2T	3	15	3	100	2
2*6*4*50*2T	2	6	4	50	2
2.5*8*4*50*2T	2.5	8	4	50	2
3*9*4*50*2T	3	9	4	50	2
3.5*12*4*50*2T	3.5	12	4	50	2
4*12*4*50*2T	4	12	4	50	2
4*20*4*75*2T	4	20	4	75	2
4*25*4*100*2T	4	25	4	100	2
5*15*5*50*2T	5	15	5	50	2
5*20*5*75*2T	5	20	5	75	2
5*25*5*100*2T	5	25	5	100	2
2*6*6*50*2T	2	6	6	50	2
2.5*8*6*50*2T	2.5	8	6	50	2
3*9*6*50*2T	3	9	6	50	2
3.5*12*6*50*2T	3.5	12	6	50	2
4*12*6*50*2T	4	12	6	50	2
4.5*14*6*50*2T	4.5	14	6	50	2
5*15*6*50*2T	5	15	6	50	2
5.5*18*6*50*2T	5.5	18	6	50	2
6*18*6*50*2T	6	18	6	50	2
6*30*6*75*2T	6	30	6	75	2
6*30*6*100*2T	6	30	6	100	2
6*40*6*150*2T	6	40	6	150	2
7*21*8*60*2T	7	21	8	60	2
8*24*8*60*2T	8	24	8	60	2
8*35*8*75*2T	8	35	8	75	2
8*40*8*100*2T	8	40	8	100	2
8*50*8*150*2T	8	50	8	150	2
9*27*10*75*2T	9	27	10	75	2
10*30*10*75*2T	10	30	10	75	2
10*40*10*100*2T	10	40	10	100	2
10*50*10*150*2T	10	50	10	150	2
11*33*12*75*2T	11	33	12	75	2
12*36*12*75*2T	12	36	12	75	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度铝用3刃平刀
HRC58 Aluminum 3 Flutes Flat End Milling Cutter





- 适合加工材料：铸造铝合金、铜合金

材料成分 Material composition

钻含量10%，晶粒度0.8μm，HRA91.5–92

Cobalt content 10%, grain size 0.8 μ m, 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

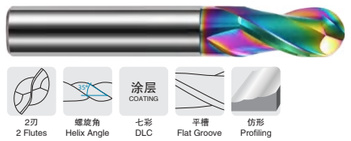
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap≤1.5D	ae≤0.2D	150(60–350)	0.0065D
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

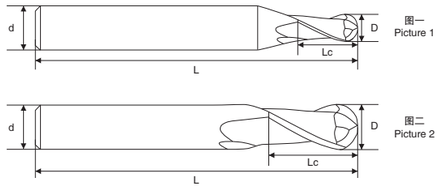
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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

58度铝用2刃球刀
HRC58 Aluminum 2 Flutes Ball End Milling Cutter





- 适合加工材料：铸造铝合金、铜合金

材料成分 Material composition

钻含量10%，晶粒度0.8μm，HRA91.5–92

Cobalt content 10%, grain size 0.8 μ m, 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

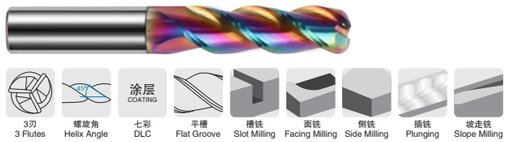
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap≤0.3D	ae≤0.3D	150(60–350)	0.02D
	铜合金 Copper Alloy	ap≤0.5D	ae≤1D	150(60–350)	0.007D
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

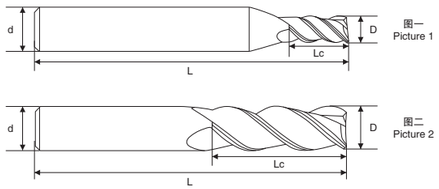
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*2T	1.5	6	3	50	2
R1.5*6*3*75*2T	1.5	6	3	75	2
R1.5*6*3*100*2T	1.5	6	3	100	2
R0.5*2*4*50*2T	0.5	2	4	50	2
R0.75*3*4*50*2T	0.75	3	4	50	2
R1*4*4*50*2T	1	4	4	50	2
R1.25*5*4*50*2T	1.25	5	4	50	2
R1.5*6*4*50*2T	1.5	6	4	50	2
R1.75*7*4*50*2T	1.75	7	4	50	2
R2*8*4*50*2T	2	8	4	50	2
R2*8*4*75*2T	2	8	4	75	2
R2*8*4*100*2T	2	8	4	100	2
R2.5*10*5*50*2T	2.5	10	5	50	2
R2.5*10*5*75*2T	2.5	10	5	75	2
R2.5*10*5*100*2T	2.5	10	5	100	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R3*12*6*50*2T	3	12	6	50	2
R3*12*6*75*2T	3	12	6	75	2
R3*12*6*100*2T	3	12	6	100	2
R3*12*6*150*2T	3	12	6	150	2
R3.5*14*8*60*2T	3.5	14	8	60	2
R4*16*8*60*2T	4	16	8	60	2
R4*16*8*75*2T	4	16	8	75	2
R4.5*18*10*75*2T	4.5	18	10	75	2
R5*20*10*75*2T	5	20	10	75	2
R5*20*10*100*2T	5	20	10	100	2
R5*20*10*150*2T	5	20	10	150	2
R5.5*22*12*75*2T	5.5	22	12	75	2
R6*24*12*75*2T	6	24	12	75	2
R6*24*12*100*2T	6	24	12	100	2
R6*24*12*150*2T	6	24	12	150	2
R6.5*26*14*100*2T	6.5	26	14	100	2
R7*28*14*80*2T	7	28	14	80	2
R7*28*14*100*2T	7	28	14	100	2
R7*28*14*150*2T	7	28	14	150	2
R8*32*16*100*2T	8	32	16	100	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度铝用3刃圆鼻刀
HRC58 Aluminum 3 Flutes Round Nose Milling Cutter





- 适合加工材料：铸造铝合金、铜合金

材料成分 Material composition

钻含量10%，晶粒度0.8μm，HRA91.5–92

Cobalt content 10%, grain size 0.8 μ m, 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

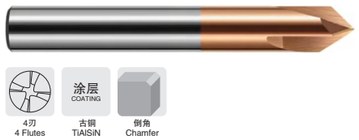
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 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)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

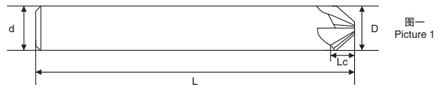
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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

58度钢用倒角刀
HRC58 Steel Chamfer Milling Cutter





- 适合加工材料：碳钢、合金钢、不锈钢、铸铁

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 μ m, 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

型号 Type	规格 Specification				刃数 Flutes	角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L		
6*7*6*50*90°	6	7	6	50	4	90°
8*10*8*60*90°	8	10	8	60	4	90°
10*12*10*75*90°	10	12	10	75	4	90°
12*14*12*75*90°	12	14	12	75	4	90°

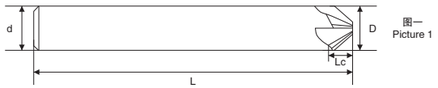
常规规格均长期备库，具体需求请联系我们的业务员为您服务 Enough regular stock,please contact our sales for order

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
	碳钢、合金钢 Carbon Steel, Alloy Steel				
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	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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

58度铝用倒角刀
HRC58 Aluminum Chamfer Milling Cutter



- 适合加工材料：铸造铝合金、铜合金

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 μ m, 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

型号 Type	规格 Specification				刃数 Flutes	角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L		
6*7*6*50*90°	6	7	6	50	4	90°
8*10*8*60*90°	8	10	8	60	4	90°
10*12*10*75*90°	10	12	10	75	4	90°
12*14*12*75*90°	12	14	12	75	4	90°

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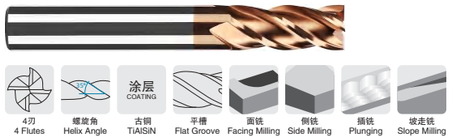
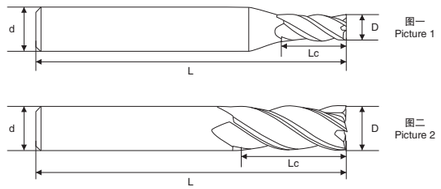
适合加工材料及加工参数 Suitable for processing materials and processing parameters

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)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)			130	0.05D
	铜合金 Copper Alloy			100	0.05D
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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刃平刀
HRC55 Steel 4 Flutes Flat End Milling Cutter





- 适合加工材料：碳钢、合金钢、铸铁

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

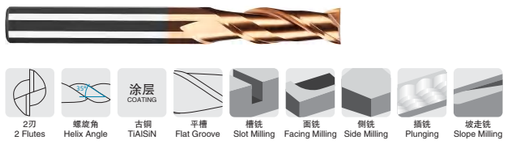
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.15D	150	0.0065D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

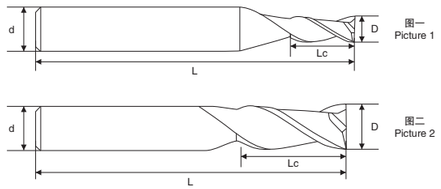
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*4T	3	8	3	50	4
3*12*3*75*4T	3	12	3	75	4
3*15*3*100*4T	3	15	3	100	4
1*3*4*50*4T	1	3	4	50	4
1.5*4*4*50*4T	1.5	4	4	50	4
2*5*4*50*4T	2	5	4	50	4
2.5*7*4*50*4T	2.5	7	4	50	4
3*8*4*50*4T	3	8	4	50	4
3.5*10*4*50*4T	3.5	10	4	50	4
4*10*4*50*4T	4	10	4	50	4
4*16*4*75*4T	4	16	4	75	4
4*20*4*100*4T	4	20	4	100	4
1*3*4*75*4T	1	3	4	75	4
1.5*4*4*75*4T	1.5	4	4	75	4
2*5*4*75*4T	2	5	4	75	4
2.5*7*4*75*4T	2.5	7	4	75	4
3*8*4*75*4T	3	8	4	75	4
5*13*5*50*4T	5	13	5	50	4
5*20*5*75*4T	5	20	5	75	4
5*25*5*100*4T	5	25	5	100	4
1*3*6*50*4T	1	3	6	50	4
1.5*4*6*50*4T	1.5	4	6	50	4
2*5*6*50*4T	2	5	6	50	4
2.5*7*6*50*4T	2.5	7	6	50	4
3*8*6*50*4T	3	8	6	50	4
3.5*10*6*50*4T	3.5	10	6	50	4
4*10*6*50*4T	4	10	6	50	4
4.5*12*6*50*4T	4.5	12	6	50	4
5*13*6*50*4T	5	13	6	50	4
6*15*6*50*4T	6	15	6	50	4
6*25*6*75*4T	6	25	6	75	4
6*30*6*100*4T	6	30	6	100	4
6*40*6*150*4T	6	40	5	150	4
7*18*8*60*4T	7	18	8	60	4
8*20*8*60*4T	8	20	8	60	4
8*28*8*75*4T	8	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2刃平刀
HRC55 Steel 4 Flutes Flat End Milling Cutter





- 适合加工材料：碳钢、合金钢、铸铁

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

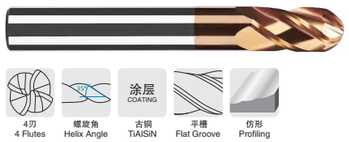
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=1.5D	ae≤0.15D	170	0.008D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

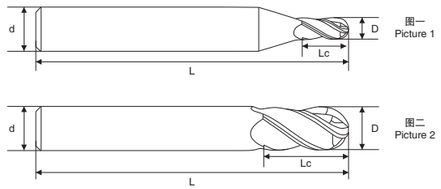
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*2T	3	8	3	50	2
3*12*3*75*2T	3	12	3	75	2
3*15*3*100*2T	3	15	3	100	2
1*3*4*50*2T	1	3	4	50	2
1.5*4*4*50*2T	1.5	4	4	50	2
2*5*4*50*2T	2	5	4	50	2
2.5*7*4*50*2T	2.5	7	4	50	2
3*8*4*50*2T	3	8	4	50	2
3.5*10*4*50*2T	3.5	10	4	50	2
4*10*4*50*2T	4	10	4	50	2
4*16*4*75*2T	4	16	4	75	2
4*20*4*100*2T	4	20	4	100	2
1*3*4*75*2T	1	3	4	75	2
1.5*4*4*75*2T	1.5	4	4	75	2
2*5*4*75*2T	2	5	4	75	2
2.5*7*4*75*2T	2.5	7	4	75	2
3*8*4*75*2T	3	8	4	75	2
5*13*5*50*2T	5	13	5	50	2
5*20*5*75*2T	5	20	5	75	2
5*25*5*100*2T	5	25	5	100	2
1*3*6*50*2T	1	3	6	50	2
1.5*4*6*50*2T	1.5	4	6	50	2
2*5*6*50*2T	2	5	6	50	2
2.5*7*6*50*2T	2.5	7	6	50	2
3*8*6*50*2T	3	8	6	50	2
3.5*10*6*50*2T	3.5	10	6	50	2
4*10*6*50*2T	4	10	6	50	2
4.5*12*6*50*2T	4.5	12	6	50	2
5*13*6*50*2T	5	13	6	50	2
6*15*6*50*2T	6	15	6	50	2
6*25*6*75*2T	6	25	6	75	2
6*30*6*100*2T	6	30	6	100	2
6*40*6*150*2T	6	40	5	150	2
7*18*8*60*2T	7	18	8	60	2
8*20*8*60*2T	8	20	8	60	2
8*28*8*75*2T	8	28	8	75	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 Steel 4 Flutes Ball End Milling Cutter





- 适合加工材料：碳钢、合金钢、铸铁

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

4刃设计，较2刃球刀加工效率高1倍，刀具耐用度高1倍

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

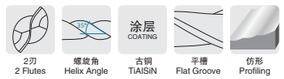
适合加工材料及加工参数 Suitable for processing materials and processing parameters

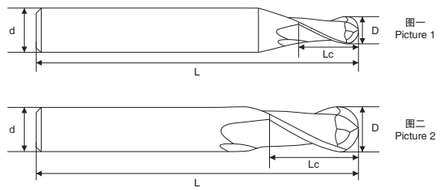
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=0.2D	ae≤0.3D	150	0.009D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=0.2D	ae≤0.2D	130	0.009D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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*3*50*4T	1.5	6	3	50	4
R1.5*6*3*75*4T	1.5	6	3	75	4
R1.5*6*3*100*4T	1.5	6	3	100	4
R0.5*2*4*50*4T	0.5	2	4	50	4
R0.75*3*4*50*4T	0.75	3	4	50	4
R1*4*4*50*4T	1	4	4	50	4
R1.25*5*4*50*4T	1.25	5	4	50	4
R1.5*6*4*50*4T	1.5	6	4	50	4
R1.75*7*4*50*4T	1.75	7	4	50	4
R2*8*4*50*4T	2	8	4	50	4
R2*8*4*75*4T	2	8	4	75	4
R2*8*4*100*4T	2	8	4	100	4
R2.5*10*5*50*4T	2.5	10	5	50	4
R2.5*10*5*75*4T	2.5	10	5	75	4
R2.5*10*5*100*4T	2.5	10	5	100	4
R2.5*10*6*50*4T	0.5	2	6	50	4
R3*12*6*50*4T	3	12	6	50	4
R3*12*6*75*4T	3	12	6	75	4
R3*12*6*100*4T	3	12	6	100	4
R3*12*6*150*4T	3	12	6	150	4
R3.5*14*8*60*4T	3.5	14	8	60	4
R4*16*8*60*4T	4	16	8	60	4
R4*16*8*75*4T	4	16	8	75	4
R4*16*8*100*4T	4	16	8	100	4
R4*16*8*150*4T	4	16	8	150	4
R4.5*18*10*75*4T	4.5	18	10	75	4
R5*20*10*75*4T	5	20	10	75	4
R5*20*10*100*4T	5	20	10	100	4
R5*20*10*150*4T	5	20	10	150	4
R5.5*22*12*75*4T	5.5	22	10	150	4
R6*24*12*75*4T	6	24	12	75	4
R6*24*12*100*4T	6	24	12	100	4
R6*24*12*150*4T	6	24	12	150	4
R6.5*26*14*100*4T	6.5	26	14	100	4
R7*28*14*80*4T	7	28	14	80	4
R7*28*14*100*4T	7	28	14	100	4

55度钢用2刃球刀
HRC55 Steel 2 Flutes Ball End Milling Cutter





- 适合加工材料：碳钢、合金钢、铸铁

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

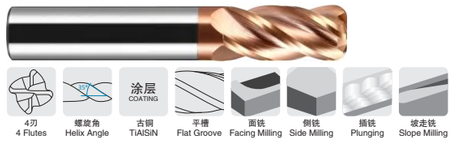
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=1.5D	ae≤0.15D	170	0.008D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.15D	150	0.0065D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

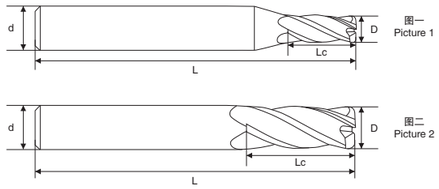
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*2T	1.5	6	3	50	2
R1.5*6*3*75*2T	1.5	6	3	75	2
R1.5*6*3*100*2T	1.5	6	3	100	2
R0.5*2*4*50*2T	0.5	2	4	50	2
R0.75*3*4*50*2T	0.75	3	4	50	2
R1*4*4*50*2T	1	4	4	50	2
R1.25*5*4*50*2T	1.25	5	4	50	2
R1.5*6*4*50*2T	1.5	6	4	50	2
R1.75*7*4*50*2T	1.75	7	4	50	2
R2*8*4*50*2T	2	8	4	50	2
R2*8*4*75*2T	2	8	4	75	2
R2*8*4*100*2T	2	8	4	100	2
R0.5*2*4*75*2T	0.5	2	4	75	2
R0.75*3*4*75*2T	0.75	3	4	75	2
R1*4*4*75*2T	1	4	4	75	2
R1.25*5*4*75*2T	1.25	5	4	75	2
R1.5*6*4*75*2T	1.5	6	4	75	2
R2.5*10*5*50*2T	2.5	10	5	50	2
R2.5*10*5*75*2T	2.5	10	5	75	2
R2.5*10*5*100*2T	2.5	10	5	100	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R0.5*2*6*50*2T	0.5	2	6	50	2
R0.75*3*6*50*2T	0.75	3	6	50	2
R1*4*6*50*2T	1	4	6	50	2
R1.25*5*6*50*2T	1.25	5	6	50	2
R1.5*6*6*50*2T	1.5	6	6	50	2
R1.75*7*6*50*2T	1.75	7	6	50	2
R2*8*6*50*2T	2	8	6	50	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R3*12*6*50*2T	3	12	6	50	2
R3*12*6*75*2T	3	12	6	75	2
R3*12*6*100*2T	3	12	6	100	2
R3*12*6*150*2T	3	12	6	150	2
R3.5*14*8*60*2T	3.5	14	8	60	2
R4*16*8*60*2T	4	16	8	60	2
R4*16*8*75*2T	4	16	8	75	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 Steel 4 Flutes Round Nose Milling Cutter





- 适合加工材料：碳钢、合金钢、铸铁

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，不易崩刃，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

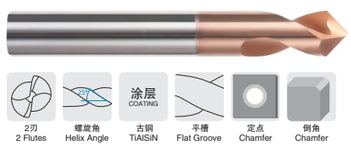
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.15D	150	0.007D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

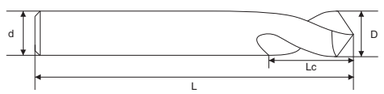
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification					刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	R	
3*8*3*50*4T	3	8	3	50	0.5/1	4
3*12*3*75L*4T	3	12	3	75	0.5/1	4
3*15*3*100*4T	3	15	3	100	0.5/1	4
1*3*4*50*4T	1	3	4	50	0.2	4
1.5*4*4*50*4T	1.5	4	4	50	0.2	4
2*5*4*50*4T	2	5	4	50	0.2/0.5	4
3*8*4*50*4T	3	8	4	50	0.2/0.5/1	4
4*10*4*50*4T	4	10	4	50	0.2/0.5/1	4
4*16*4*75*4T	4	16	4	75	0.5/1	4
4*20*4*100*4T	4	20	4	100	0.5/1	4
5*13*5*50*4T	5	13	5	50	0.5/1	4
5*20*5*75*4T	5	20	5	75	0.5/1	4
5*25*5*100*4T	5	25	5	10	0.5/1	4
6*15*6*50*4T	6	15	6	50	0.2/0.5/1	4
5*13*6*50*4T	5	13	6	50	0.5/1	4
6*25*6*75*4T	6	25	6	75	0.5/1	4
6*30*6*100*4T	6	30	6	100	0.5/1	4
6*40*6*150*4T	6	40	6	150	0.5/1	4
8*20*8*60*4T	8	20	8	60	0.2/0.5/1/2/3	4
8*28*8*75*4T	8	28	8	75	0.5/1/2/3	4
8*35*8*100*4T	8	35	8	100	0.5/1/2/3	4
8*50*8*150*4T	8	50	8	150	0.5/1/2/3	4
10*25*10*75*4T	10	25	10	75	0.2/0.5/1/1.5/2/3	4
10*40*10*100*4T	10	40	10	100	0.5/1/2/3	4
10*50*10*150*4T	10	50	10	150	0.5/1/2/3	4
12*30*12*75*4T	12	30	12	75	0.2/0.5/1/1.5/2/3	4
12*45*12*100*4T	12	45	12	100	0.5/1/2/3	4
12*60*12*150*4T	12	60	12	150	0.5/1/2/3	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 Steel Spot Drills





- 适合加工材料：碳钢、合金钢、铸铁

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
通用性强，定点和倒角两用

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

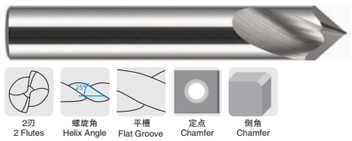
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)			120	0.05D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)			90	0.05D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

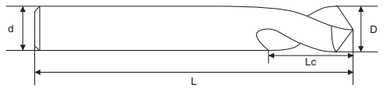
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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





- 适合加工材料：铝合金、铜合金

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
通用性强，定点和倒角两用

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

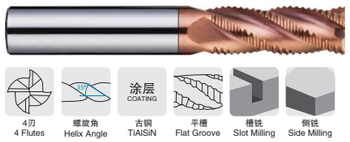
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)			130	0.05D
	铜合金 Copper Alloy			100	0.05D
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

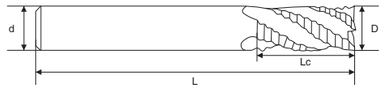
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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





- 适合加工材料：碳钢、合金钢、铸铁

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

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

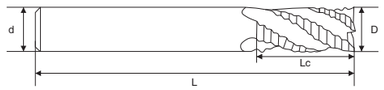
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)	ap=1.5D	ae≤0.3D	130	0.006D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)	ap=1.5D	ae≤0.3D	130	0.006D
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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*3*50*4T	3	8	3	50	4
3*12*3*75*4T	3	12	3	75	4
3*15*3*100*4T	3	15	3	100	4
4*10*4*50*4T	4	10	4	50	4
4*16*4*75*4T	4	16	4	75	4
4*20*4*100*4T	4	20	4	100	4
5*13*5*50*4T	5	13	5	50	4
5*20*5*75*4T	5	20	5	75	4
5*25*5*100*4T	5	25	5	100	4
5*13*6*50*4T	5	13	6	50	4
6*15*6*50*4T	6	15	6	50	4
6*25*6*75*4T	6	25	6	75	4
6*30*6*100*4T	6	30	6	100	4
8*20*8*60*4T	8	20	8	60	4
8*28*8*75*4T	8	28	8	75	4
8*35*8*100*4T	8	35	8	100	4
10*25*10*75*4T	10	25	10	75	4
10*40*10*100*4T	10	40	10	100	4
12*30*12*75*4T	12	30	12	75	4
12*45*12*100*4T	12	45	12	100	4
14*45*14*100*4T	14	45	14	100	4
14*60*14*150*4T	14	60	14	150	4
16*45*16*100*4T	16	45	16	100	4
16*60*16*150*4T	16	60	16	150	4
18*45*18*100*4T	18	45	18	100	4
18*70*18*150*4T	18	70	18	150	4
20*45*20*100*4T	20	45	20	100	4
20*70*20*150*4T	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 Aluminum Roughing End Mill



- 适合加工材料：铝合金、铜合金

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

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

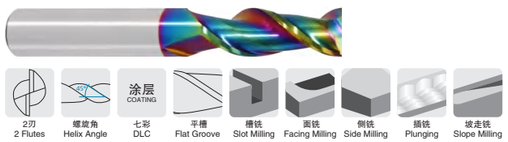
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap≤1.5D	ae≤0.3D	130	0.008D
	铜合金 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)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

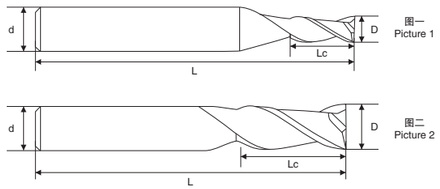
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*8*3*50*3T	3	8	3	50	3
3*12*3*75*3T	3	12	3	75	3
3*15*3*100*3T	3	15	3	100	3
4*10*4*50*3T	4	10	4	50	3
4*16*4*75*3T	4	16	4	75	3
4*20*4*100*3T	4	20	4	100	3
5*13*5*50*3T	5	13	5	50	3
5*20*5*75*3T	5	20	5	75	3
5*25*5*100*3T	5	25	5	100	3
5*13*6*50*3T	5	13	6	50	3
6*15*6*50*3T	6	15	6	50	3
6*25*6*75*3T	6	25	6	75	3
6*30*6*100*3T	6	30	6	100	3
8*24*8*60*3T	8	24	8	60	3
8*28*8*75*3T	8	28	8	75	3
8*35*8*100*3T	8	35	8	100	3
10*30*10*75*3T	10	30	10	75	3
10*40*10*100*3T	10	40	10	100	3
12*36*12*75*3T	12	36	12	75	3
12*45*12*100*3T	12	45	12	100	3
14*45*14*100*3T	14	45	14	100	3
14*60*14*150*3T	14	60	14	150	3
16*45*16*100*3T	16	45	16	100	3
16*60*16*150*3T	16	60	16	150	3
18*45*18*100*3T	18	45	18	100	3
18*70*18*150*3T	18	70	18	150	3
20*45*20*100*3T	20	45	20	100	3
20*70*20*150*3T	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 Aluminum 2 Flutes Flat End Milling Cutter





- 适合加工材料：铝合金、铜合金

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

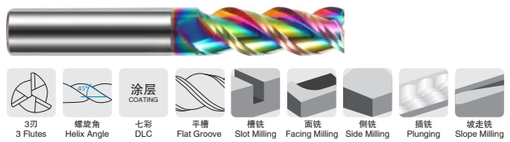
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap=1.5D	ae≤0.2D	150(60~350)	0.009D
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45~65HRC) Alloy Steel, Hardened Steel (45~65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

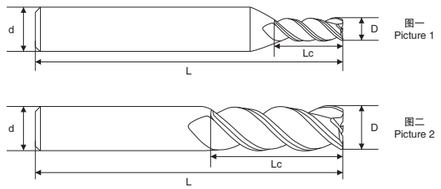
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*9*3*50*2T	3	9	3	50	2
3*12*3*75*2T	3	12	3	75	2
3*15*3*100*2T	3	15	3	100	2
2*6*4*50*2T	2	6	4	50	2
2.5*8*4*50*2T	2.5	8	4	50	2
3*9*4*50*2T	3	9	4	50	2
3.5*12*4*50*2T	3.5	12	4	50	2
4*12*4*50*2T	4	12	4	50	2
4*20*4*75*2T	4	20	4	75	2
4*25*4*100*2T	4	25	4	100	2
5*15*5*50*2T	5	15	5	50	2
5*20*5*75*2T	5	20	5	75	2
5*25*5*100*2T	5	25	5	100	2
2*6*6*50*2T	2	6	6	50	2
2.5*8*6*50*2T	2.5	8	6	50	2
3*9*6*50*2T	3	9	6	50	2
3.5*12*6*50*2T	3.5	12	6	50	2
4*12*6*50*2T	4	12	6	50	2
4.5*14*6*50*2T	4.5	14	6	50	2
5*15*6*50*2T	5	15	6	50	2
5.5*18*6*50*2T	5.5	18	6	50	2
6*18*6*50*2T	6	18	6	50	2
6*30*6*75*2T	6	30	6	75	2
6*30*6*100*2T	6	30	6	100	2
6*40*6*150*2T	6	40	6	150	2
7*21*8*60*2T	7	21	8	60	2
8*24*8*60*2T	8	24	8	60	2
8*35*8*75*2T	8	35	8	75	2
8*40*8*100*2T	8	40	8	100	2
8*50*8*150*2T	8	50	8	150	2
9*27*10*75*2T	9	27	10	75	2
10*30*10*75*2T	10	30	10	75	2
10*40*10*100*2T	10	40	10	100	2
10*50*10*150*2T	10	50	10	150	2
11*33*12*75*2T	11	33	12	75	2
12*36*12*75*2T	12	36	12	75	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 Aluminum 3 Flutes Flat End Milling Cutter





- 适合加工材料：铝合金、铜合金

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、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

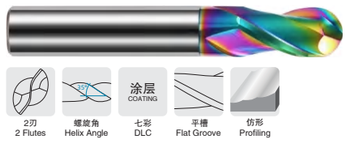
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 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)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

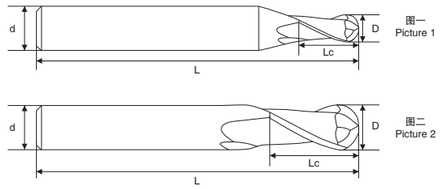
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*9*3*50*3T	3	9	3	50	3
3*12*3*75*3T	3	12	3	75	3
3*15*3*100*3T	3	15	3	100	3
2*6*4*50*3T	2	6	4	50	3
2.5*8*4*50*3T	2.5	8	4	50	3
3*9*4*50*3T	3	9	4	50	3
3.5*12*4*50*3T	3.5	12	4	50	3
4*12*4*50*3T	4	12	4	50	3
4*20*4*75*3T	4	20	4	75	3
4*25*4*100*3T	4	25	4	100	3
5*15*5*50*3T	5	15	5	50	3
5*20*5*75*3T	5	20	5	75	3
5*25*5*100*3T	5	25	5	100	3
2*6*6*50*3T	2	6	6	50	3
2.5*8*6*50*3T	2.5	8	6	50	3
3*9*6*50*3T	3	9	6	50	3
3.5*12*6*50*3T	3.5	12	6	50	3
4*12*6*50*3T	4	12	6	50	3
4.5*14*6*50*3T	4.5	14	6	50	3
5*15*6*50*3T	5	15	6	50	3
5.5*18*6*50*3T	5.5	18	6	50	3
6*18*6*50*3T	6	18	6	50	3
6*30*6*75*3T	6	30	6	75	3
6*30*6*100*3T	6	30	6	100	3
6*40*6*150*3T	6	40	6	150	3
7*21*8*60*3T	7	21	8	60	3
8*24*8*60*3T	8	24	8	60	3
8*35*8*75*3T	8	35	8	75	3
8*40*8*100*3T	8	40	8	100	3
8*50*8*150*3T	8	50	8	150	3
9*27*10*75*3T	9	27	10	75	3
10*30*10*75*3T	10	30	10	75	3
10*40*10*100*3T	10	40	10	100	3
10*50*10*150*3T	10	50	10	150	3
11*33*12*75*3T	11	33	12	75	3
12*36*12*75*3T	12	36	12	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2刃球刀
HRC55 Aluminum 2 Flutes Ball End Milling Cutter





- 适合加工材料：铸造铝合金、铜合金

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、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

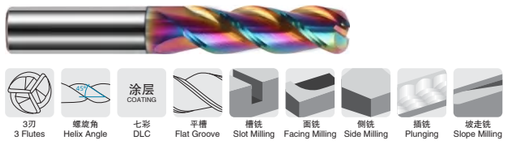
适合材料 Suitable Aaterials		切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)	ap≤0.3D	ae≤0.3D	150(60–350)	0.02D
	铜合金 Copper Alloy	ap≤0.5D	ae≤1D	150(60–350)	0.007D
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

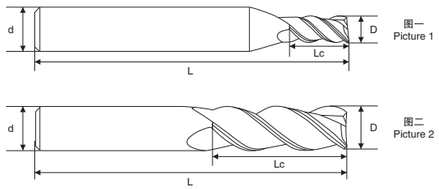
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

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*3*50*2T	1.5	6	3	50	2
R1.5*6*3*75*2T	1.5	6	3	75	2
R1.5*6*3*100*2T	1.5	6	3	100	2
R0.5*2*4*50*2T	0.5	2	4	50	2
R0.75*3*4*50*2T	0.75	3	4	50	2
R1*4*4*50*2T	1	4	4	50	2
R1.25*5*4*50*2T	1.25	5	4	50	2
R1.5*6*4*50*2T	1.5	6	4	50	2
R1.75*7*4*50*2T	1.75	7	4	50	2
R2*8*4*50*2T	2	8	4	50	2
R2*8*4*75*2T	2	8	4	75	2
R2*8*4*100*2T	2	8	4	100	2
R2.5*10*5*50*2T	2.5	10	5	50	2
R2.5*10*5*75*2T	2.5	10	5	75	2
R2.5*10*5*100*2T	2.5	10	5	100	2
R2.5*10*6*50*2T	2.5	10	6	50	2
R3*12*6*50*2T	3	12	6	50	2
R3*12*6*75*2T	3	12	6	75	2
R3*12*6*100*2T	3	12	6	100	2
R3*12*6*150*2T	3	12	6	150	2
R3.5*14*8*60*2T	3.5	14	8	60	2
R4*16*8*60*2T	4	16	8	60	2
R4*16*8*75*2T	4	16	8	75	2
R4.5*18*10*75*2T	4.5	18	10	75	2
R5*20*10*75*2T	5	20	10	75	2
R5*20*10*100*2T	5	20	10	100	2
R5*20*10*150*2T	5	20	10	150	2
R5.5*22*12*75*2T	5.5	22	12	75	2
R6*24*12*75*2T	6	24	12	75	2
R6*24*12*100*2T	6	24	12	100	2
R6*24*12*150*2T	6	24	12	150	2
R6.5*26*14*100*2T	6.5	26	14	100	2
R7*28*14*80*2T	7	28	14	80	2
R7*28*14*100*2T	7	28	14	100	2
R7*28*14*150*2T	7	28	14	150	2
R8*32*16*100*2T	8	32	16	100	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 Aluminum 3 Flutes Round Nose Milling Cutter





- 适合加工材料：铸造铝合金、铜合金

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

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

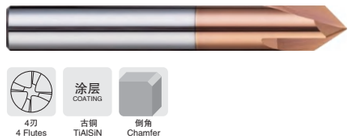
	适合材料 Suitable Aaterials	切深ap	切宽ae	线速度vc m/min	进给fz mm/z
P	碳钢合金钢(<35HRC) Carbon steel alloy steel (<35HRC)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 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)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

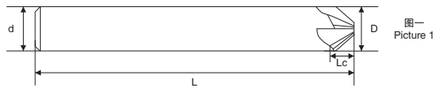
按照被加工材料的不同材质和硬度，切削参数做适当的调整 Please adjust the parameters according to the material and hardness of workpieces

型号 Type	规格 Specification				刃数 Flutes
	刃径 D	刃长 Lc	柄径 d	总长 L	
3*9*3*50*3T	3	9	3	50	3
3*12*3*75*3T	3	12	3	75	3
3*15*3*100*3T	3	15	3	100	3
2*6*4*50*3T	2	6	4	50	3
2.5*8*4*50*3T	2.5	8	4	50	3
3*9*4*50*3T	3	9	4	50	3
3.5*12*4*50*3T	3.5	12	4	50	3
4*12*4*50*3T	4	12	4	50	3
4*20*4*75*3T	4	20	4	75	3
4*25*4*100*3T	4	25	4	100	3
5*15*5*50*3T	5	15	5	50	3
5*20*5*75*3T	5	20	5	75	3
5*25*5*100*3T	5	25	5	100	3
2*6*6*50*3T	2	6	6	50	3
2.5*8*6*50*3T	2.5	8	6	50	3
3*9*6*50*3T	3	9	6	50	3
3.5*12*6*50*3T	3.5	12	6	50	3
4*12*6*50*3T	4	12	6	50	3
4.5*14*6*50*3T	4.5	14	6	50	3
5*15*6*50*3T	5	15	6	50	3
5.5*18*6*50*3T	5.5	18	6	50	3
6*18*6*50*3T	6	18	6	50	3
6*30*6*75*3T	6	30	6	75	3
6*30*6*100*3T	6	30	6	100	3
6*40*6*150*3T	6	40	6	150	3
7*21*8*60*3T	7	21	8	60	3
8*24*8*60*3T	8	24	8	60	3
8*35*8*75*3T	8	35	8	75	3
8*40*8*100*3T	8	40	8	100	3
8*50*8*150*3T	8	50	8	150	3
9*27*10*75*3T	9	27	10	75	3
10*30*10*75*3T	10	30	10	75	3
10*40*10*100*3T	10	40	10	100	3
10*50*10*150*3T	10	50	10	150	3
11*33*12*75*3T	11	33	12	75	3
12*36*12*75*3T	12	36	12	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度钢用倒角刀
HRC55 Steel Chamfer Milling Cutter





● 适合加工材料：碳钢、合金钢、铸铁

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

型号 Type	规格 Specification				刃数 Flutes	角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L		
6*7*6*50*90°	6	7	6	50	4	90°
8*10*8*60*90°	8	10	8	60	4	90°
10*12*10*75*90°	10	12	10	75	4	90°
12*14*12*75*90°	12	14	12	75	4	90°

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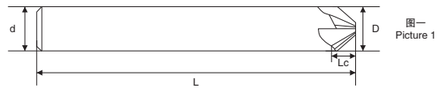
适合加工材料及加工参数 Suitable for processing materials and processing parameters

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)			120	0.025D
	碳钢、合金钢 Carbon Steel, Alloy Steel				
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	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)				
	铜合金 Copper Alloy				
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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度铝用倒角刀
HRC55 Aluminum Chamfer Milling Cutter



● 适合加工材料：铝合金、铜合金

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

型号 Type	规格 Specification				刃数 Flutes	角度 Angle
	刃径 D	刃长 Lc	柄径 d	总长 L		
6*7*6*50*90°	6	7	6	50	4	90°
8*10*8*60*90°	8	10	8	60	4	90°
10*12*10*75*90°	10	12	10	75	4	90°
12*14*12*75*90°	12	14	12	75	4	90°

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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)				
	碳钢、合金钢 Carbon Steel, Alloy Steel				
M	不锈钢 Stainless Steels				
K	灰铸铁、球墨铸铁(<32HRC) Gray Cast iron, Ductile Cast Iron (<32HRC)				
N	锻造铝合金、铸造铝合金(Si<12%) Forged Aluminum Alloy, Cast Aluminum Alloy (si<12%)			130	0.05D
	铜合金 Copper Alloy			100	0.05D
H	合金钢、淬硬钢(45–65HRC) Alloy Steel, Hardened Steel (45–65HRC)				
	预硬钢、调质钢 Pre Hardened Steel, Quenched And Tempered Steel				

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