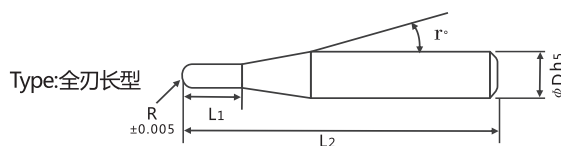


HP58°系列

通用型 30° 螺旋角 球头铣刀

Universal type ball milling cutter with 30° spiral Angle



- 刃长是柄径2倍刃径，采用30°螺旋角
- 最适合普通钢料的中精加工和粗加工。
- The blade length is 2 times the blade diameter of the handle, and 30° spiral Angle is adopted
- Most suitable for ordinary steel medium finishing and rough processing.



加工材料 Work Material

可切削材料表 (★重点推荐 ◎最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardened Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
◎	○	◎		○	○		○	○	○

单位(mm)

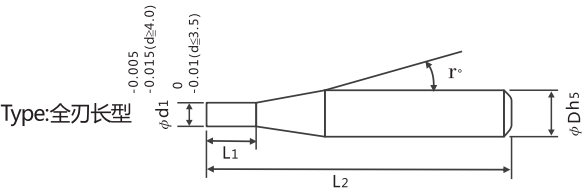
标准型 Standard	产品代码 Code No.	(R)半径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Radius	Blade length	Handle	overall length	
	HP58-2 R00540050	0.5	2	4	50	50.00
	HP58-2 R00754050	0.75	3	4	50	50.00
	HP58-2 R01040050	1	4	4	50	50.00
	HP58-2 R01254050	1.25	5	4	50	50.00
	HP58-2 R01530050	1.5	6	3	50	50.00
	HP58-2 R01540050	1.5	6	4	50	50.00
	HP58-2 R01754050	1.75	7	4	50	50.00
	HP58-2 R02040050	2	8	4	50	50.00
	HP58-2 R02550050	2.5	10	5	50	88.00
	HP58-2 R01560050	1.5	6	6	50	88.00
	HP58-2 R02060050	2	8	6	50	88.00
	HP58-2 R02560050	2.5	10	6	50	88.00
	HP58-2 R03060050	3	12	6	50	88.00
	HP58-2 R04080060	4	16	8	60	150.00
HP58-2 R05010075	5	20	10	75	244.00	
HP58-2 R06012075	6	24	12	75	350.00	
加长型 the stretched	HP58-2 R01503075	1.5	6	3	75	77.00
	HP58-2 R02004075	2	8	4	75	77.00
	HP58-2 R03006075	3	12	6	75	127.00
	HP58-2 R04008075	4	16	8	75	200.00
	HP58-2 R01503100	1.5	8	3	100	88.00
	HP58-2 R02004100	2	10	4	100	88.00
	HP58-2 R02505100	2.5	12	5	100	140.00
	HP58-2 R03006100	3	15	6	100	140.00
	HP58-2 R04008100	4	20	8	100	217.00
	HP58-2 R05010100	5	25	10	100	317.00
	HP58-2 R06012100	6	30	12	100	450.00
	HP58-2 R08016100	8	32	16	100	818.00
HP58-2 R10020100	10	40	20	100	1,260.00	
特大型 Special type	HP58-2 R03006150	3	18	6	150	234.00
	HP58-2 R04008150	4	24	8	150	367.00
	HP58-2 R05010150	5	30	10	150	484.00
	HP58-2 R06012150	6	36	12	150	634.00
	HP58-2 R08016150	8	40	16	150	1,150.00
	HP58-2 R10020150	10	50	20	150	1,667.00

切削参数

- 切削参数表参考A03
● Refer to A03 for the table of cutting parameters

SP 60°系列

经济型 38°螺旋角 四刃平底铣刀
Economy type 38° spiral Angle four edge flat end milling cutter



- 刃长是柄径3倍刃径，采用38°螺旋角
- 刀型采用不等分割，应用广泛,可用于粗加工到精加工等不同切削。
- The blade length is 3 times the blade diameter of the handle, and 38° spiral Angle is adopted
- Tool shape procurement unequal segmentation, a wide range of applications, can be used for rough machining to finishing and other different cutting.

HM
MG45

90°

38°
螺旋角

HRC
≤60

MAB

加工材料 Work Material
可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	●	●	○	●	○		○	●	○

单位(mm)						
标准型 Standard	产品代码 Code No.	(d1)刃径 Blade	(L1)刃长 Blade length	(D)柄径 Handle	(L2)全长 overall length	RMB
	SP60-4 01040050	1	3	4	50	58.00
	SP60-4 01540050	1.5	4	4	50	58.00
	SP60-4 02040050	2	6	4	50	58.00
	SP60-4 02540050	2.5	7	4	50	58.00
	SP60-4 03030050	3	9	3	50	58.00
	SP60-4 03040050	3	9	4	50	58.00
	SP60-4 03540050	3.5	10	4	50	58.00
	SP60-4 04040050	4	12	4	50	58.00
	SP60-4 05050050	5	15	5	50	100.00
	SP60-4 03060050	3	9	6	50	100.00
	SP60-4 04060050	4	12	6	50	100.00
	SP60-4 05060050	5	15	6	50	100.00
	SP60-4 06060050	6	18	6	50	100.00
	SP60-4 07080060	7	21	8	60	180.00
	SP60-4 08080060	8	24	8	60	180.00
	SP60-4 09010075	9	27	10	75	284.00
	SP60-4 10010075	10	30	10	75	284.00
	SP60-4 12012075	12	32	12	75	394.00
加长型 the stretched	SP60-4 03003075	3	9	3	75	88.00
	SP60-4 04004075	4	14	4	75	88.00
	SP60-4 06006075	6	20	6	75	144.00
	SP60-4 08008075	8	28	8	75	227.00
	SP60-4 03003100	3	12	3	100	100.00
	SP60-4 04004100	4	16	4	100	100.00
	SP60-4 05005100	5	20	5	100	168.00
	SP60-4 06006100	6	24	6	100	168.00
	SP60-4 08008100	8	32	8	100	252.00
	SP60-4 10010100	10	40	10	100	357.00
	SP60-4 12012100	12	50	12	100	495.00
	SP60-4 14014100	14	45	14	100	735.00
	SP60-4 16016100	16	45	16	100	900.00
	SP60-4 18018100	18	45	18	100	1135.00
特长型 Special type	SP60-4 20020100	20	45	20	100	1385.00
	SP60-4 06006150	6	27	6	150	267.00
	SP60-4 08008150	8	36	8	150	417.00
	SP60-4 10010150	10	45	10	150	534.00
	SP60-4 12012150	12	52	12	150	695.00
	SP60-4 14014150	14	45	14	150	1035.00
	SP60-4 16016150	16	60	16	150	1267.00
	SP60-4 20020150	20	60	20	150	1835.00

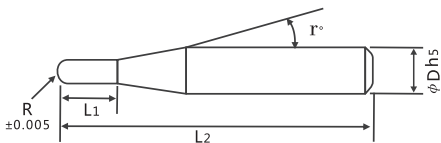
切削参数 ● 切削参数表参考A05-06
● Refer to A05-06 for the table of cutting parameters

SP 60°系列

经济型 30°螺旋角 球头铣刀
Economical 30° spiral Angle ball end milling cutter



Type:全刀长型



- 刃长是柄径2倍刃径，采用30°螺旋角
- 应用广泛,可用于粗加工到精加工等不同切削。
- The blade length is 2 times the blade diameter of the handle, and 30° spiral Angle is adopted
- Tool shape procurement unequal segmentation, a wide range of applications, can be used for rough machining to finishing and other different cutting.



加工材料 Work Material

可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	●	●	○	●	○		○	●	○

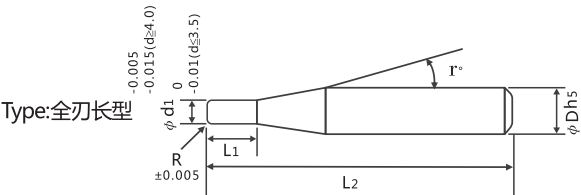
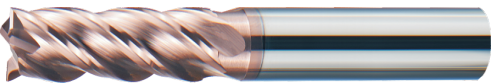
单位(mm)

标准型 Standard	产品代码 Code No.	(R)半径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Radius	Blade length	Handle	overall length	
	SP60-2 R00540050	0.5	2	4	50	58.00
	SP60-2 R00754050	0.75	3	4	50	58.00
	SP60-2 R01040050	1	4	4	50	58.00
	SP60-2 R01254050	1.25	5	4	50	58.00
	SP60-2 R01530050	1.5	6	3	50	58.00
	SP60-2 R01540050	1.5	6	4	50	58.00
	SP60-2 R01754050	1.75	7	4	50	58.00
	SP60-2 R02040050	2	8	4	50	58.00
	SP60-2 R02550050	2.5	10	5	50	100.00
	SP60-2 R01560050	1.5	6	6	50	100.00
	SP60-2 R02060050	2	8	6	50	100.00
	SP60-2 R02560050	2.5	10	6	50	100.00
	SP60-2 R03060050	3	12	6	50	100.00
	SP60-2 R04080060	4	16	8	60	180.00
SP60-2 R05010075	5	20	10	75	284.00	
SP60-2 R06012075	6	24	12	75	394.00	
加长型 the stretched						
	SP60-2 R01503075	1.5	6	3	75	88.00
	SP60-2 R02004075	2	8	4	75	88.00
	SP60-2 R03006075	3	12	6	75	144.00
	SP60-2 R04008075	4	16	8	75	227.00
	SP60-2 R01503100	1.5	8	3	100	100.00
	SP60-2 R02004100	2	10	4	100	100.00
	SP60-2 R02505100	2.5	12	5	100	168.00
	SP60-2 R03006100	3	15	6	100	168.00
	SP60-2 R04008100	4	20	8	100	252.00
	SP60-2 R05010100	5	25	10	100	357.00
	SP60-2 R06012100	6	30	12	100	495.00
SP60-2 R08016100	8	32	16	100	1000.00	
SP60-2 R10020100	10	40	20	100	1517.00	
特大型 Special type						
	SP60-2 R03006150	3	18	6	150	267.00
	SP60-2 R04008150	4	24	8	150	417.00
	SP60-2 R05010150	5	30	10	150	534.00
	SP60-2 R06012150	6	36	12	150	695.00
	SP60-2 R08016150	8	40	16	150	1400.00
SP60-2 R10020150	10	50	20	150	2000.00	

切削参数 ● 切削参数表参考A07-08
● Refer to A07-08 for the table of cutting parameters

SP 60°系列

经济型 38°螺旋角 圆鼻铣刀
Economic 38° spiral nose milling cutter



- 刃长是柄径2.5倍刃径，采用38°螺旋角
- 刀型采购不等分割，应用于广泛可用于粗加工到精加工等不同切削。
- The blade length is 2.5 times the blade diameter of the handle, and 38° spiral Angle is adopted
- Tool shape procurement unequal segmentation, widely used for rough finishing and other different cutting.



加工材料 Work Material
可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			> 55HRC	< 55HRC					
○	●	●	○	●	○		○	●	○

单位(mm)

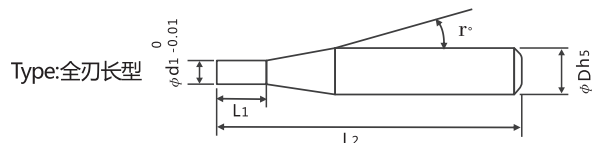
	产品代码 Code No.	(d1)刃径	(R)R角	(L1)刃长	(D)柄径	(L2)全长	RMB
		Blade	(R)R Angle	Blade length	Handle	overall length	
标准型 Standard	SP60-4 01R0204050	1.0	0.2	3	4	50	68.00
	SP60-4 015R020450	1.5	0.2/0.5	4	4	50	68.00
	SP60-4 02R0204050	2.0	0.2/0.5	5	4	50	68.00
	SP60-4 03R0503050	3.0	0.5	8	3	50	68.00
	SP60-4 03R0504050	3.0	0.2/0.5/1.0	8	4	50	68.00
	SP60-4 04R0506050	4.0	0.2/0.5/1.0	10	4	50	68.00
	SP60-4 06R0504050	6.0	0.2/0.5/1.0	15	6	50	107.00
	SP60-4 08R0508060	8.0	0.2/0.5/1.0	20	8	60	194.00
	SP60-4 10R0510075	10.0	0.2/0.5/1.0	25	10	75	314.00
	SP60-4 12R0512075	12.0	0.2/0.5/1.0	30	12	75	427.00
加长型 the stretched	SP60-4 03R0503075	3.0	0.2/0.5/1.0	8	3	75	95.00
	SP60-4 04R0504075	4.0	0.2/0.5/1.0	10	4	75	95.00
	SP60-4 06R0506075	6.0	0.2/0.5/1.0	15	6	75	150.00
	SP60-4 08R0508075	8.0	0.2/0.5/1.0	20	8	75	245.00
	SP60-4 04R0504100	4.0	0.5/1.0	12	4	100	114.00
	SP60-4 06R0506100	6.0	0.5/1.0	18	6	100	185.00
	SP60-4 08R0508100	8.0	0.5/1.0	24	8	100	275.00
	SP60-4 10R0510100	10.0	0.5/1.0	30	10	100	390.00
	SP60-4 12R0512100	12.0	0.5/1.0	36	12	100	534.00
特大型 Special type	SP60-4 06R0506150	6.0	0.5/1.0	18	6	150	295.00
	SP60-4 08R0508150	8.0	0.5/1.0	24	8	150	457.00
	SP60-4 10R0510150	10.0	0.5/1.0	30	10	150	584.00
	SP60-4 12R0512150	12.0	0.5/1.0	36	12	150	750.00

切削参数 ● 切削参数表参考A09
● Refer to A09 for the table of cutting parameters

SH62°系列

高硬耐磨型 40°螺旋角 4刃平底铣刀

High wear resistance type 40° spiral Angle 4-edge flat bottom milling cutter



- 新开发的特殊刀刃形状，大幅提高加工效率。
- 可用于52-62度热处理材料超耐磨加工。
- The new developed special blade shape greatly improves the machining efficiency.
- Can be used for 52-62 degree heat treatment materials wear - resistant processing.



加工材料 Work Material

可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
	●	○	★	●	○	○		○	○

单位(mm)

	产品代码 Code No.	(d1)刃径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Blade	Blade length	Handle	overall length	
标准型 Stabdarnd	SH62-4 01040050	1	2	4	50	85.00
	SH62-4 01540050	1.5	3	4	50	85.00
	SH62-4 02040050	2	4	4	50	85.00
	SH62-4 02540050	2.5	5	4	50	85.00
	SH62-4 03030050	3	6	3	50	85.00
	SH62-4 03040050	3	6	4	50	85.00
	SH62-4 03540050	3.5	7	4	50	85.00
	SH62-4 04040050	4	8	4	50	85.00
	SH62-4 05050050	5	10	5	50	150.00
	SH62-4 03060050	3	6	6	50	150.00
	SH62-4 04060050	4	8	6	50	150.00
	SH62-4 05060050	5	10	6	50	150.00
	SH62-4 06060050	6	12	6	50	150.00
	SH62-4 08080060	8	16	8	60	260.00
	SH62-4 10010075	10	20	10	75	385.00
	SH62-4 12012075	12	24	12	75	525.00
加长型 the stretched	SH-4 03003075	3	6	3	75	115.00
	SH-4 04004075	4	10	4	75	115.00
	SH-4 06006075	6	15	6	75	187.00
	SH-4 08008075	8	20	8	75	307.00
	SH-4 03003100	3	7	3	100	140.00
	SH-4 04004100	4	10	4	100	140.00
	SH-4 05005100	5	12	5	100	227.00
	SH-4 06006100	6	15	6	100	227.00
	SH-4 08008100	8	20	8	100	387.00
	SH-4 10010100	10	25	10	100	525.00
SH-4 12012100	12	30	12	100	685.00	
特长型 Special type	SH-4 08008150	8	24	8	150	525.00
	SH-4 10010150	10	30	10	150	767.00
	SH-4 12012150	12	36	12	150	1040.00

- 切削参数
- 切削参数表参考A10-11
 - Refer to A10-11 for the table of cutting parameters

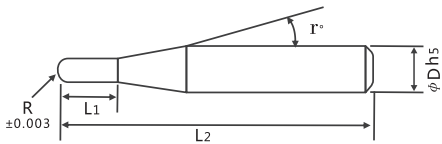
SH62°系列

高硬耐磨型 30°螺旋角 球头铣刀

High wear resistance type 30° spiral Angle ball end milling cutter



Type:全刃长型



- 新开发的特殊刀刃设计,大幅提高加工效率。
- 可用于52~62度热处理材料，超耐磨加工。
- The newly developed special blade design greatly improves the machining efficiency.
- Can be used for 52~62 degree heat treatment materials, super wear - resistant processing.



加工材料 Work Material

可切削材料表 (★重点推荐 ◉最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
	◉	○	★	◉	◉	○		○	○

单位(mm)

	产品代码 Code No.	(R)半径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Radius	Blade length	Handle	overall length	
标准型 Standard	SH62-2 R00540050	0.5	1.5	4	50	85.00
	SH62-2 R00754050	0.75	2	4	50	85.00
	SH62-2 R01040050	1	3	4	50	85.00
	SH62-2 R01254050	1.25	4	4	50	85.00
	SH62-2 R01530050	1.5	5	3	50	85.00
	SH62-2 R01540050	1.5	5	4	50	85.00
	SH62-2 R01754050	1.75	5	4	50	85.00
	SH62-2 R02040050	2	6	4	50	85.00
	SH62-2 R02550050	2.5	8	5	50	150.00
	SH62-2 R01560050	1.5	5	6	50	150.00
	SH62-2 R02060050	2	6	6	50	150.00
	SH62-2 R02560050	2.5	8	6	50	150.00
	SH62-2 R03060050	3	9	6	50	150.00
	SH62-2 R04080060	4	12	8	60	260.00
	SH62-2 R05010075	5	15	10	75	385.00
	SH62-2 R06012075	6	18	12	75	525.00
加长型 the stretched	SH62-2 R01503075	1.5	5	3	75	115.00
	SH62-2 R02004075	2	6	4	75	115.00
	SH62-2 R03006075	3	9	6	75	187.00
	SH62-2 R04008075	4	12	8	75	307.00
	SH62-2 R01503100	1.5	6	3	100	140.00
	SH62-2 R02004100	2	8	4	100	140.00
	SH62-2 R02505100	2.5	10	5	100	227.00
	SH62-2 R03006100	3	12	6	100	227.00
	SH62-2 R04008100	4	16	8	100	387.00
	SH62-2 R05010100	5	20	10	100	525.00
	SH62-2 R06012100	6	24	12	100	685.00
特长型 Special type	SH62-2 R04008150	4	20	8	150	525.00
	SH62-2 R05010150	5	25	10	150	767.00
	SH62-2 R06012150	6	30	12	150	1,040.00

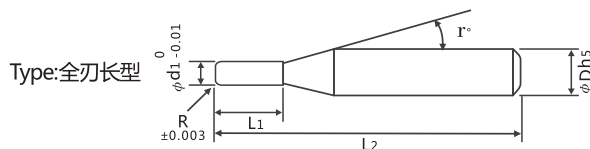
切削参数

- 切削参数表参考A12
- Refer to A12 for the table of cutting parameters

SH62°系列

高硬耐磨型 40°螺旋角 圆鼻铣刀

High wear resistance type 40° spiral Angle nose milling cutter



- 新开发的特殊刀刃设计,大幅提高加工效率。
- 可用于52~62度热处理材料，超耐磨加工。
- The newly developed special blade design greatly improves the machining efficiency.
- Can be used for 52~62 degree heat treatment materials, super wear - resistant processing.



加工材料 Work Material

可切削材料表 (★重点推荐 ○最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
	○	○	★	○	○	○		○	○

单位(mm)

	产品代码 Code No.	(d1)刃径	(R)R角	(L1)刃长	(D)柄径	(L2)全长	RMB
		Blade	(R)R Angle	Blade length	Handle	overall length	
标准型 Standard	SH62-4 01R0204050	1	0.2	2	4	50	95.00
	SH62-4 015R020450	1.5	0.2	3	4	50	95.00
	SH62-4 02R0504050	2	0.2/0.5	4	4	50	95.00
	SH62-4 03R0503050	3	0.5	6	3	50	95.00
	SH62-4 03R0504050	3	0.2/0.5	6	4	50	95.00
	SH62-4 04R0504050	4	0.2/0.5	8	4	50	95.00
	SH62-4 05R0506050	5	0.5	10	6	50	167.00
	SH62-4 06R0506050	6	0.2/0.5	12	6	50	167.00
	SH62-4 08R0508060	8	0.2/0.5	16	8	60	287.00
	SH62-4 10R0510075	10	0.5	20	10	75	425.00
	SH62-4 12R0512075	12	0.5	24	12	75	577.00
加长型 the stretched	SH62-4 03R0503075	3	0.2/0.5	6	3	75	127.00
	SH62-4 04R0504075	4	0.2/0.5	8	4	75	127.00
	SH62-4 06R0506075	6	0.2/0.5	12	6	75	207.00
	SH62-4 08R0508075	8	0.2/0.5	16	8	75	334.00
	SH62-4 03R0503100	3	0.5	7	3	100	155.00
	SH62-4 04R0504100	4	0.5	10	4	100	155.00
	SH62-4 06R0506100	6	0.5	15	6	100	252.00
	SH62-4 08R0508100	8	0.5	20	8	100	427.00
	SH62-4 10R0510100	10	0.5	25	10	100	577.00
	SH62-4 12R0512100	12	0.5	30	12	100	755.00
特大型 Special type	SH62-4 08R0508150	8	0.5	24	8	150	577.00
	SH62-4 10R0510150	10	0.5	30	10	150	845.00
	SH62-4 12R0512150	12	0.5	36	12	150	1,140.00

切削参数

- 切削参数表参考A13
- Refer to A13 for the table of cutting parameters

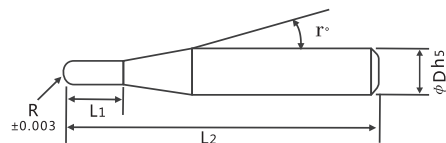
MP系列

万能王型 30°螺旋角 球头铣刀

King-size 30° spiral angle ball end mill



Type:全刀长型



- 万能王系列，加工广泛，适合重切削。
- 独创刀型设计，针对不锈钢，镜面铜工难加工材料首选。
- 软料万能王系列，高精度，加工广泛，适合大余量重切削。
- 热处理前钢料超耐磨加工，不锈钢、钛合金、镜面铜公及难加工材料首选。
- Universal king series, widely machined, suitable for heavy cutting.
- Original knife type design, for stainless steel, mirror copper difficult processing materials preferred.
- Soft material universal king series, high precision, wide processing, suitable for heavy cutting
- Before heat treatment of steel super wear - resistant processing, stainless steel titanium alloy mirror copper and difficult to process the material preferred



加工材料 Work Material

可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
★	★	★		○	★	★	○	★	○

单位(mm)

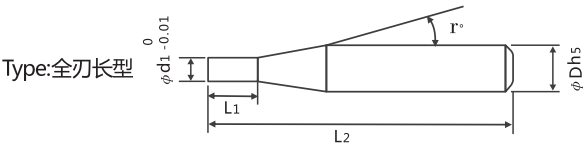
	产品代码 Code No.	(R)半径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Radius	Blade length	Handle	overall length	
标准型 Standard	MP-2 R00540050	0.5	1.5	4	50	85.00
	MP-2 R00754050	0.75	2	4	50	85.00
	MP-2 R01040050	1	3	4	50	85.00
	MP-2 R01254050	1.25	4	4	50	85.00
	MP-2 R01530050	1.5	5	3	50	85.00
	MP-2 R01540050	1.5	5	4	50	85.00
	MP-2 R01754050	1.75	5	4	50	85.00
	MP-2 R02040050	2	6	4	50	85.00
	MP-2 R02550050	2.5	8	5	50	150.00
	MP-2 R01560050	1.5	5	6	50	150.00
	MP-2 R02060050	2	6	6	50	150.00
	MP-2 R02560050	2.5	8	6	50	150.00
	MP-2 R03060050	3	9	6	50	150.00
	MP-2 R04080060	4	12	8	60	260.00
	MP-2 R05010075	5	15	10	75	385.00
	MP-2 R06012075	6	18	12	75	525.00
加长型 the stretched	MP-2 R01503075	1.5	5	3	75	115.00
	MP-2 R02004075	2	6	4	75	115.00
	MP-2 R03006075	3	9	6	75	187.00
	MP-2 R04008075	4	12	8	75	307.00
	MP-2 R01503100	1.5	6	3	100	140.00
	MP-2 R02004100	2	8	4	100	140.00
	MP-2 R02505100	2.5	10	5	100	227.00
	MP-2 R03006100	3	12	6	100	227.00
	MP-2 R04008100	4	16	8	100	387.00
	MP-2 R05010100	5	20	10	100	525.00
	MP-2 R06012100	6	24	12	100	685.00
特长型 Special type	MP-2 R04008150	4	20	8	150	525.00
	MP-2 R05010150	5	25	10	150	767.00
	MP-2 R06012150	6	30	12	150	1040.00

切削参数

- 切削参数表参考A15-16
- Refer to A15-16 for the table of cutting parameters

MP系列

通用型 45°螺旋角 不锈钢专用圆鼻铣刀
Universal type 45° spiral angle 4 edge bottom milling cutter



- 万能王系列，加工广泛，适合重切削。
- 独创刀型设计，针对不锈钢，镜面铜难加工材料首选。
- 软料万能王系列，高精度，加工广泛，适合大余量重切削。
- 热处理前钢料超耐磨加工，不锈钢、钛合金、镜面铜公及难加工材料首选。
- Universal king series, widely machined, suitable for heavy cutting.
- Original tool type design, for stainless steel, mirror copper difficult processing materials preferred.
- Soft material universal king series, high precision, wide processing, suitable for heavy cutting
- Before heat treatment of steel super wear - resistant processing, stainless steel titanium alloy mirror copper and difficult to process the material preferred

HM
MG30

r

45°
螺旋角

HRC
≤52

ATN

加工材料 Work Material

可切削材料表 (★重点推荐 ◯最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
★	★	★		○	★	★	○	★	○

单位(mm)

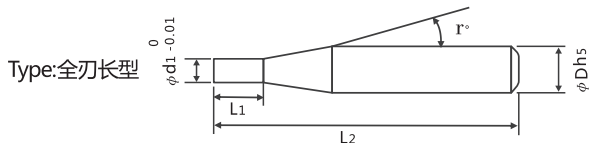
	产品代码 Code No.	(d1)刃径	(R)R角	(L1)刃长	(D)柄径	(L2)全长	RMB
		Blade	R Angle	Blade length	Handle	overall length	
标准型 Standard	MP-4 01R0204050	1	0.2	2	4	50	95.00
	MP-4 015R020450	1.5	0.2	3	4	50	95.00
	MP-4 02R0504050	2	0.2/0.5	4	4	50	95.00
	MP-4 03R0503050	3	0.5	6	3	50	95.00
	MP-4 03R0504050	3	0.2/0.5	6	4	50	95.00
	MP-4 04R0504050	4	0.2/0.5	8	4	50	95.00
	MP-4 05R0506050	5	0.5	10	6	50	167.00
	MP-4 06R0506050	6	0.2/0.5	12	6	50	167.00
	MP-4 08R0508060	8	0.2/0.5	16	8	60	287.00
	MP-4 10R0510075	10	0.5	20	10	75	425.00
	MP-4 12R0512075	12	0.5	24	12	75	577.00
加长型 the stretched	MP-4 03R0503075	3	0.2/0.5	6	3	75	127.00
	MP-4 04R0504075	4	0.2/0.5	8	4	75	127.00
	MP-4 06R0506075	6	0.2/0.5	12	6	75	207.00
	MP-4 08R0508075	8	0.2/0.5	16	8	75	334.00
	MP-4 03R0503100	3	0.5	7	3	100	155.00
	MP-4 04R0504100	4	0.5	10	4	100	155.00
	MP-4 06R0506100	6	0.5	15	6	100	252.00
	MP-4 08R0508100	8	0.5	20	8	100	427.00
	MP-4 10R0510100	10	0.5	25	10	100	577.00
	MP-4 12R0512100	12	0.5	30	12	100	755.00
特长型 Special type	MP-4 08R0508150	8	0.5	24	8	150	577.00
	MP-4 10R0510150	10	0.5	30	10	150	845.00
	MP-4 12R0512150	12	0.5	36	12	150	1140.00

切削参数 ● 切削参数表参考A17
● Refer to A17 for the table of cutting parameters

SHX 65°系列

高硬度高效率型 45°螺旋角 4刀平底铣刀

High hardness and high efficiency type 45° spiral Angle 4-edge flat bottom milling cutter



- 最适合高硬度领域(55~65HRC)的精加工，建议高转速低进给使用。
- 长时间加工中可实现稳定耐磨长寿命的效果。
- Most suitable for high hardness field (55~65HRC) finishing, high speed and low feed is recommended.
- Stable wear resistance and long life can be achieved in long time processing.



加工材料 Work Material

可切削材料表 (★重点推荐 ○最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	○	○	★	○	○	○		○	

单位(mm)

	产品代码 Code No.	(d1)刃径 Blade	(L1)刃长 Blade length	(D)柄径 Handle	(L2)全长 overall length	RMB
标准型 Standard	SHX65-4 01040050	1	2	4	50	150
	SHX65-4 01540050	1.5	3	4	50	150
	SHX65-4 02040050	2	4	4	50	150
	SHX65-4 02540050	2.5	5	4	50	150
	SHX65-4 03030050	3	6	3	50	150
	SHX65-4 03040050	3	6	4	50	150
	SHX65-4 03540050	3.5	7	4	50	150
	SHX65-4 04040050	4	8	4	50	150
	SHX65-4 05050050	5	10	5	50	280
	SHX65-4 03060050	3	6	6	50	280
	SHX65-4 04060050	4	8	6	50	280
	SHX65-4 05060050	5	10	6	50	280
	SHX65-4 06060050	6	12	6	50	280
	SHX65-4 08080060	8	16	8	60	430
	SHX65-4 10010075	10	20	10	75	650
	SHX65-4 12012075	12	24	12	75	867
加长型 the stretched	SHX65-4 03003075	3	6	3	75	200
	SHX65-4 04004075	4	10	4	75	200
	SHX65-4 06006075	6	15	6	75	330
	SHX65-4 08008075	8	20	8	75	475
	SHX65-4 03003100	3	7	3	100	251
	SHX65-4 04004100	4	10	4	100	251
	SHX65-4 05005100	5	12	5	100	375
	SHX65-4 06006100	6	15	6	100	375
	SHX65-4 08008100	8	20	8	100	607
	SHX65-4 10010100	10	25	10	100	817
	SHX65-4 12012100	12	30	12	100	1120
特长型 Special type	SHX65-4 08008150	8	24	8	150	985
	SHX65-4 10010150	10	30	10	150	1285
	SHX65-4 12012150	12	36	12	150	1717

切削参数 ● 切削参数表参考A18
● refer to A18 for the table of cutting parameters

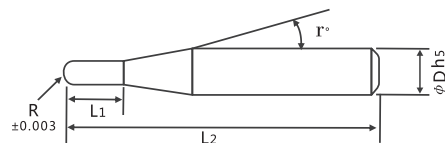
SHX65°系列

高硬度高效率型 30°螺旋角 球头铣刀

High hardness and high efficiency type 30° spiral Angle ball milling cutter



Type:全刀长型



- 最适合高硬度领域(55~65HRC)的精加工，建议高转速低进给使用。
- 长时间加工中可实现稳定耐磨长寿命的效果。
- Most suitable for high hardness field (55~65HRC) finishing, high speed and low feed is recommended.
- Stable wear resistance and long life can be achieved in long time processing.



加工材料 Work Material

可切削材料表 (★重点推荐 ○最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardened Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	○	○	★	⊙	○	○		○	

单位(mm)

	产品代码 Code No.	(R)半径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Radius	Blade length	Handle	overall length	
标准型 Standard	SHX65-2 R00540050	0.5	1.5	4	50	150.00
	SHX65-2 R00754050	0.75	2	4	50	150.00
	SHX65-2 R01040050	1	3	4	50	150.00
	SHX65-2 R01254050	1.25	4	4	50	150.00
	SHX65-2 R01530050	1.5	5	3	50	150.00
	SHX65-2 R01540050	1.5	5	4	50	150.00
	SHX65-2 R01754050	1.75	5	4	50	150.00
	SHX65-2 R02040050	2	6	4	50	150.00
	SHX65-2 R02550050	2.5	8	5	50	280.00
	SHX65-2 R01560050	1.5	5	6	50	280.00
	SHX65-2 R02060050	2	6	6	50	280.00
	SHX65-2 R02560050	2.5	8	6	50	280.00
	SHX65-2 R03060050	3	9	6	50	280.00
	SHX65-2 R04080060	4	12	8	60	430.00
	SHX65-2 R05010075	5	15	10	75	650.00
	SHX65-2 R06012075	6	18	12	75	867.00
加长型 the stretched	SHX65-2 R01503075	1.5	5	3	75	200.00
	SHX65-2 R02004075	2	6	4	75	200.00
	SHX65-2 R03006075	3	9	6	75	330.00
	SHX65-2 R04008075	4	12	8	75	475.00
	SHX65-2 R01503100	1.5	6	3	100	251.00
	SHX65-2 R02004100	2	8	4	100	251.00
	SHX65-2 R02505100	2.5	10	5	100	375.00
	SHX65-2 R03006100	3	12	6	100	375.00
	SHX65-2 R04008100	4	16	8	100	607.00
	SHX65-2 R05010100	5	20	10	100	817.00
SHX65-2 R06012100	6	24	12	100	1,120.00	
特长型 Special type	SHX65-2 R04008150	4	20	8	150	985.00
	SHX65-2 R05010150	5	25	10	150	1,285.00
	SHX65-2 R06012150	6	30	12	150	1,717.00

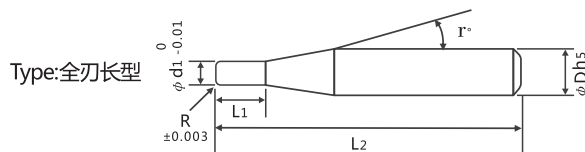
切削参数

- 切削参数表参考A19
- Refer to A19 for the table of cutting parameters

SHX 65°系列

高硬度高效率型 45°螺旋角 圆鼻铣刀

High hardness and high efficiency type 45° spiral Angle nose milling cutter



- 最适合高硬度领域(55~65HRC)的精加工，建议高转速低进给使用。
- 长时间加工中可实现稳定耐磨长寿命的效果。
- Most suitable for high hardness field (55~65HRC) finishing, high speed and low feed is recommended.
- Stable wear resistance and long life can be achieved in long time processing.



加工材料 Work Material

可切削材料表 (★重点推荐 ○最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬硬钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	○	○	★	○	○	○		○	

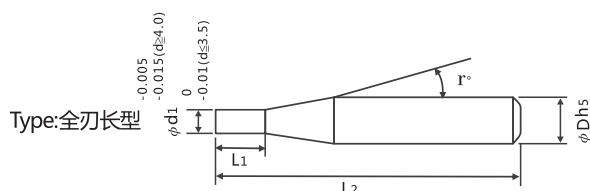
单位(mm)

	产品代码 Code No.	(d1)刃径	(R)R角	(L1)刃长	(D)柄径	(L2)全长	RMB
		Blade	(R)R Angle	Blade length	Handle	overall length	
标准型 Standard	SHX65-4 01R0204050	1	0.2	2	4	50	167.00
	SHX65-4 015R020450	1.5	0.2	3	4	50	167.00
	SHX65-4 02R0504050	2	0.2/0.5	4	4	50	167.00
	SHX65-4 03R0503050	3	0.5	6	3	50	167.00
	SHX65-4 03R0504050	3	0.2/0.5	6	4	50	167.00
	SHX65-4 04R0504050	4	0.2/0.5	8	4	50	167.00
	SHX65-4 05R0506050	5	0.5	10	6	50	298.00
	SHX65-4 06R0506050	6	0.2/0.5	12	6	50	298.00
	SHX65-4 08R0508060	8	0.2/0.5	16	8	60	450.00
	SHX65-4 10R0510075	10	0.5	20	10	75	667.00
	SHX65-4 12R0512075	12	0.5	24	12	75	890.00
加长型 the stretched	SHX65-4 03R0503075	3	0.2/0.5	6	3	75	217.00
	SHX65-4 04R0504075	4	0.2/0.5	8	4	75	217.00
	SHX65-4 06R0506075	6	0.2/0.5	12	6	75	350.00
	SHX65-4 08R0508075	8	0.2/0.5	16	8	75	490.00
	SHX65-4 03R0503100	3	0.5	7	3	100	270.00
	SHX65-4 04R0504100	4	0.5	10	4	100	270.00
	SHX65-4 06R0506100	6	0.5	15	6	100	467.00
	SHX65-4 08R0508100	8	0.5	20	8	100	625.00
	SHX65-4 10R0510100	10	0.5	25	10	100	840.00
	SHX65-4 12R0512100	12	0.5	30	12	100	1,140.00
特殊型 Special type	SHX65-4 08R0508150	8	0.5	24	8	150	1,000.00
	SHX65-4 10R0510150	10	0.5	30	10	150	1,300.00
	SHX65-4 12R0512150	12	0.5	36	12	150	1,737.00

切削参数

- 切削参数表参考A20
- Refer to A20 for the table of cutting parameters

General purpose milling cutter for 45° spiral Angle aluminum



-

可切削材料表 (★重点推荐 ◎最适合 ○适合)

[illegible]

单位(mm)

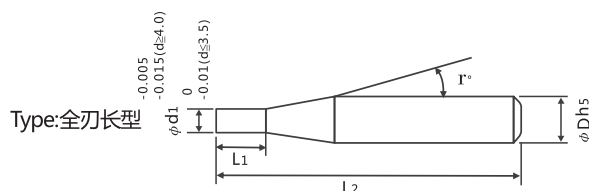
	产品代码 Code No.	(d1)刃径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Blade	Blade length	Handle	overall length	
标准型 Stabard	AL58-3 01040050	1	3	4	50	50.00
	AL58-3 01540050	1.5	4	4	50	50.00
	AL58-3 02040050	2	6	4	50	50.00
	AL58-3 02540050	2.5	7	4	50	50.00
	AL58-3 03030050	3	9	3	50	50.00
	AL58-3 03040050	3	9	4	50	50.00
	AL58-3 03540050	3.5	10	4	50	50.00
	AL58-3 04040050	4	12	4	50	50.00
	AL58-3 05050050	5	15	5	50	88.00
	AL58-3 03060050	3	9	6	50	88.00
	AL58-3 04060050	4	12	6	50	88.00
	AL58-3 05060050	5	15	6	50	88.00
	AL58-3 06060050	6	18	6	50	88.00
	AL58-3 08080060	8	24	8	60	150.00
	AL58-3 10010075	10	30	10	75	244.00
	AL58-3 12012075	12	32	12	75	350.00
加长型 the stretched	AL58-3 03003075	3	9	3	75	77.00
	AL58-3 04004075	4	12	4	75	77.00
	AL58-3 06006075	6	18	6	75	127.00
	AL58-3 08008075	8	24	8	75	200.00
	AL58-3 03003100	3	12	3	100	88.00
	AL58-3 04004100	4	16	4	100	88.00
	AL58-3 05005100	5	20	5	100	140.00
	AL58-3 06006100	6	24	6	100	140.00
	AL58-3 08008100	8	32	8	100	217.00
	AL58-3 10010100	10	40	10	100	317.00
	AL58-3 12012100	12	50	12	100	450.00
	AL58-3 14014100	14	45	14	100	667.00
	AL58-3 16016100	16	45	16	100	818.00
AL58-3 20020100	20	45	20	100	1,260.00	
Special type 特殊牌	AL58-3 06006150	6	27	6	150	234.00
	AL58-3 08008150	8	36	8	150	367.00
	AL58-3 10010150	10	45	10	150	484.00
	AL58-3 12012150	12	52	12	150	634.00
	AL58-3 16016150	16	60	16	150	1,150.00
	AL58-3 20020150	20	60	20	150	1,667.00

- 切削参数表参考A21
- Refer to A01 for the table of cutting parameters

ALG 高光铝系列

通用型 45°螺旋角 铝用铣刀

Universal type 45° spiral Angle aluminum milling cutter



- 刃长是柄径3倍刃径，采用45°螺旋角
- 刀型采用动平衡工艺，适合铝合金的高光加工。
- The blade length is 3 times the handle diameter and adopts a 45° spiral angle.
- The tool type adopts dynamic balance technology, which is suitable for high-gloss processing of aluminum alloy



加工材料 Work Material

可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
							●	○	○

单位(mm)

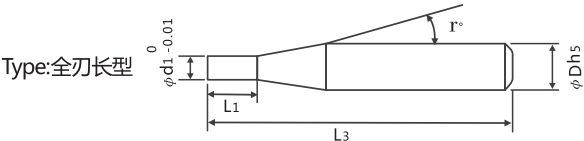
	产品代码 Code No.	(d1)刃径	(L1)刃长	(D)柄径	(L2)全长	RMB
		Blade	Blade length	Handle	overall length	
标准型 Standard	ALG-3 01040050	1	3	4	50	68.00
	ALG-3 01540050	1.5	4	4	50	68.00
	ALG-3 02040050	2	6	4	50	68.00
	ALG-3 02540050	2.5	7	4	50	68.00
	ALG-3 03030050	3	9	3	50	68.00
	ALG-3 03040050	3	9	4	50	68.00
	ALG-3 03540050	3.5	10	4	50	68.00
	ALG-3 04040050	4	12	4	50	68.00
	ALG-3 05050050	5	15	5	50	107.00
	ALG-3 03060050	3	9	6	50	107.00
	ALG-3 04060050	4	12	6	50	107.00
	ALG-3 05060050	5	15	6	50	107.00
	ALG-3 06060050	6	18	6	50	107.00
	ALG-3 08080060	8	24	8	60	208.00
	ALG-3 10010075	10	30	10	75	300.00
	ALG-3 12012075	12	32	12	75	450.00
加长型 the stretched	ALG-3 03003075	3	9	3	75	95.00
	ALG-3 04004075	4	12	4	75	95.00
	ALG-3 06006075	6	18	6	75	155.00
	ALG-3 08008075	8	24	8	75	260.00
	ALG-3 03003100	3	9	3	100	108.00
	ALG-3 04004100	4	16	4	100	108.00
	ALG-3 05005100	5	20	5	100	184.00
	ALG-3 06006100	6	24	6	100	184.00
	ALG-3 08008100	8	32	8	100	268.00
	ALG-3 10010100	10	40	10	100	400.00
	ALG-3 12012100	12	50	12	100	555.00
特大型 Special type	ALG-3 06006150	6	27	6	150	300.00
	ALG-3 08008150	8	36	8	150	485.00
	ALG-3 10010150	10	45	10	150	617.00
	ALG-3 12012150	12	52	12	150	785.00

切削参数

- 切削参数表参考A21
- Refer to A21 for the table of cutting parameters

SPW 60°系列

高精度 35°螺旋角 微小径铣刀
High precision 35° spiral Angle micropath milling cutter



- 采用定位用钻头,实现了长寿命与稳定的孔加工。
- 适用于精密零件加工的高精度规格，直径公差精度0.005mm。
- The long life and stable hole machining is realized by using the positioning bit.
- Applicable to precision parts processing precision specifications, diameter tolerance accuracy 0.005mm.

HM
MG25

90°

35°
螺旋角

HRC
≤60

MAB

加工材料 Work Material
可切削材料表 (★重点推荐 ◎最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	◎	◎	○	◎	○		○	◎	○

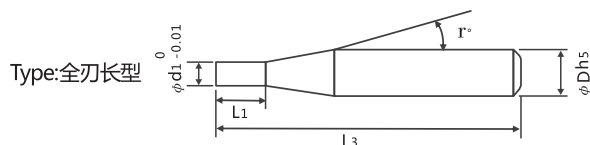
单位(mm)

产品代码 Code No.	(d1)刃径	(L1)刃长	(D)柄径	(L3)全长	RMB
	Blade	Blade length	Handle	overall length	
SPW-2 024050	0.2	0.4	4	50	75.00
SPW-2 034050	0.3	0.6	4	50	68.00
SPW-2 044050	0.4	0.8	4	50	68.00
SPW-2 054050	0.5	1.0	4	50	68.00
SPW-2 064050	0.6	1.2	4	50	68.00
SPW-2 074050	0.7	1.4	4	50	68.00
SPW-2 084050	0.8	1.6	4	50	68.00
SPW-2 094050	0.9	1.8	4	50	68.00
SPW-2 R0154050	R0.15	0.6	4	50	68.00
SPW-2 R0204050	R0.2	0.8	4	50	68.00
SPW-2 R0254050	R0.25	1	4	50	68.00
SPW-2 R0304050	R0.3	1.2	4	50	68.00
SPW-2 R0354050	R0.35	1.4	4	50	68.00
SPW-2 R0404050	R0.4	1.6	4	50	68.00
SPW-2 R0454050	R0.45	1.8	4	50	68.00

SHW 62°系列

通用型 35螺旋角 微小径铣刀

Universal type 35 ° spiral angle 4 edge bottom milling cutter



- 适用于微小径钻头的底孔加工。
- 前端部采用横刀修磨，减小了切削阻力
钻孔精度稳定(φ0.025以上采用)
- It is suitable for bottom hole machining of micro - path bit.
- The cutting resistance is reduced by using a cross cutter to repair and grind the front end
Stable drilling accuracy (0.025 and above shall be adopted)



加工材料 Work Material

可切削材料表 (★重点推荐 ●最适合 ○适合)

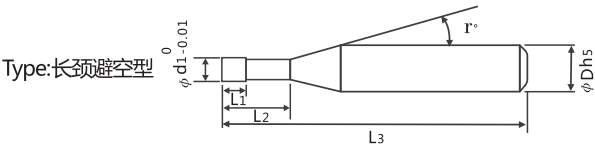
碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
★	★	●	○	○	●	●	○	★	○

单位(mm)

产品代码 Code No.	(d1)刃径	(L1)刃长	(D)柄径	(L3)全长	RMB
	Blade	Blade length	Handle	overall length	
SHW-2 024050	0.2	0.4	4	50	110.00
SHW-2 034050	0.3	0.6	4	50	100.00
SHW-2 044050	0.4	0.8	4	50	100.00
SHW-2 054050	0.5	1.0	4	50	100.00
SHW-2 064050	0.6	1.2	4	50	100.00
SHW-2 074050	0.7	1.4	4	50	100.00
SHW-2 084050	0.8	1.6	4	50	100.00
SHW-2 094050	0.9	1.8	4	50	100.00
SHW-2 R0154050	R0.15	0.6	4	50	100.00
SHW-2 R0204050	R0.2	0.8	4	50	100.00
SHW-2 R0254050	R0.25	1	4	50	100.00
SHW-2 R0304050	R0.3	1.2	4	50	100.00
SHW-2 R0354050	R0.35	1.4	4	50	100.00
SHW-2 R0404050	R0.4	1.6	4	50	100.00
SHW-2 R0454050	R0.45	1.8	4	50	100.00

SP 60°系列

深沟加工 38°螺旋角 深沟平底铣刀
Deep groove milling cutter with 38° spiral Angle



- 适用于深沟加工的长颈避空型
- 可对应从低速到高速的各种深沟3D造型加工
- Suitable for deep ditch processing of long neck type
- Can be from low to high speed from a variety of deep groove 3D modeling processing



加工材料 Work Material
可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	●	●	○	●	○		○	●	○

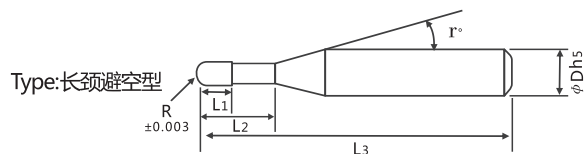
单位(mm)

产品代码 Code No.	(d1)刃径 Blade	(L1)刃长 Blade length	(L2)有效长 Effective long	(D)柄径 Handle	(L3)全长 overall length	RMB
SP60-2 0302450	0.3	0.6	2	4	50	77.00
SP60-2 0304450			4	4	50	77.00
SP60-2 0306450			6	4	50	77.00
SP60-2 0308450			8	4	50	77.00
SP60-2 0402450	0.4	0.8	2	4	50	77.00
SP60-2 0404450			4	4	50	77.00
SP60-2 0406450			6	4	50	77.00
SP60-2 0408450			8	4	50	77.00
SP60-2 0502450	0.5	1	2	4	50	77.00
SP60-2 0504450			4	4	50	77.00
SP60-2 0506450			6	4	50	77.00
SP60-2 0508450			8	4	50	77.00
SP60-2 0510450	0.6	1.2	10	4	50	77.00
SP60-2 0604450			4	4	50	77.00
SP60-2 0606450			6	4	50	77.00
SP60-2 0608450			8	4	50	77.00
SP60-2 0610450	0.7	1.4	10	4	50	77.00
SP60-2 0704450			4	4	50	77.00
SP60-2 0706450			6	4	50	77.00
SP60-2 0708450			8	4	50	77.00
SP60-2 0710450	0.8	1.6	10	4	50	77.00
SP60-2 0804450			4	4	50	77.00
SP60-2 0806450			6	4	50	77.00
SP60-2 0808450			8	4	50	77.00
SP60-2 0810450	0.9	1.8	10	4	50	77.00
SP60-2 0904450			4	4	50	77.00
SP60-2 0906450			6	4	50	77.00
SP60-2 0908450			8	4	50	77.00
SP60-2 0910450	1	2	10	4	50	77.00
SP60-2 1006450			6	4	50	68.00
SP60-4 1008450			8	4	50	68.00
SP60-4 1010450			10	4	50	68.00
SP60-4 1012450	1.5	3	12	4	50	68.00
SP60-4 1016450			16	4	50	68.00
SP60-4 1508450			8	4	50	68.00
SP60-4 1510450			10	4	50	68.00
SP60-4 1512450	2	4	12	4	50	68.00
SP60-4 1516450			16	4	50	68.00
SP60-4 1520450			20	4	50	68.00
SP60-4 2008450			8	4	50	68.00
SP60-4 2010450	2.5	5	10	4	50	68.00
SP60-4 2012450			12	4	50	68.00
SP60-4 2016450			16	4	50	68.00
SP60-4 2020450			20	4	50	68.00
SP60-4 2510450	3	6	10	4	50	68.00
SP60-4 2512450			12	4	50	68.00
SP60-4 2516450			16	4	50	68.00
SP60-4 2520450			20	4	50	68.00
SP60-4 3010450			10	4	50	68.00
SP60-4 3012450			12	4	50	68.00
SP60-4 3016450			16	4	50	68.00
SP60-4 3020450			20	4	50	68.00

SP 60°系列

深沟加工 30°螺旋角 深沟球刀

Deep groove machining 30° spiral Angle deep groove ball cutter



- 适用于深沟加工的长颈避空型
- 可对应从低速到高速的各种深沟3D造型加工
- Suitable for deep ditch processing of long neck type
- Can be from low to high speed from a variety of deep groove 3D modeling processing



加工材料 Work Material

可切削材料表 (★重点推荐 ●最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			>55HRC	<55HRC					
○	●	●	○	●	○		○	●	○

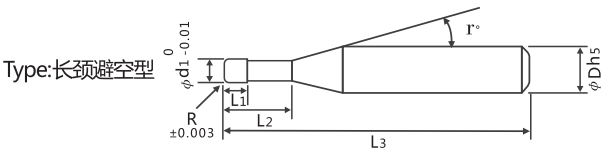
单位(mm)

产品代码 Code No.	(d1)刃径 Blade	(L1)刃长 Blade length	(L2)有效长 Effective long	(D)柄径 Handle	(L3)全长 overall length	RMB
SP60-2 R01502450	R0.15	0.45	2	4	50	77.00
SP60-2 R01504450			4	4	50	77.00
SP60-2 R01506450			6	4	50	77.00
SP60-2 R01508450			8	4	50	77.00
SP60-2 R02002450	R0.2	0.6	2	4	50	77.00
SP60-2 R02004450			4	4	50	77.00
SP60-2 R02006450			6	4	50	77.00
SP60-2 R02008450			8	4	50	77.00
SP60-2 R02502450	R0.25	0.75	2	4	50	77.00
SP60-2 R02504450			4	4	50	77.00
SP60-2 R02506450			6	4	50	77.00
SP60-2 R02508450			8	4	50	77.00
SP60-2 R02510450	R0.3	0.9	10	4	50	77.00
SP60-2 R03002450			2	4	50	77.00
SP60-2 R03004450			4	4	50	77.00
SP60-2 R03006450			6	4	50	77.00
SP60-2 R03008450	R0.35	1.05	8	4	50	77.00
SP60-2 R03010450			10	4	50	77.00
SP60-2 R03502450			2	4	50	77.00
SP60-2 R03504450			4	4	50	77.00
SP60-2 R03506450	R0.4	1.2	6	4	50	77.00
SP60-2 R04002450			2	4	50	77.00
SP60-2 R04004450			4	4	50	77.00
SP60-2 R04006450			6	4	50	77.00
SP60-2 R04008450	R0.45	1.35	8	4	50	77.00
SP60-2 R04010450			10	4	50	77.00
SP60-2 R04504450			4	4	50	77.00
SP60-2 R04506450	R0.5	1.5	6	4	50	68.00
SP60-2 R04508450			8	4	50	68.00
SP60-2 R04510450			10	4	50	68.00
SP60-2 R05004450			4	4	50	68.00
SP60-2 R05006450	R0.75	2.25	6	4	50	68.00
SP60-2 R05008450			8	4	50	68.00
SP60-2 R05010450			10	4	50	68.00
SP60-2 R05012450			12	4	50	68.00
SP60-2 R05016450	R1.0	3	16	4	50	68.00
SP60-2 R07506450			6	4	50	68.00
SP60-2 R07508450			8	4	50	68.00
SP60-2 R07510450			10	4	50	68.00
SP60-2 R07512450	R1.5	4.5	12	4	50	68.00
SP60-2 R07516450			16	4	50	68.00
SP60-2 R07520450			20	4	50	68.00
SP60-2 R01008450			8	4	50	68.00
SP60-2 R01010450	R1.5	4.5	10	4	50	68.00
SP60-2 R01012450			12	4	50	68.00
SP60-2 R01016450			16	4	50	68.00
SP60-2 R01020450			20	4	50	68.00
SP60-2 R01510450	R1.5	4.5	10	4	50	68.00
SP60-2 R01512450			12	4	50	68.00
SP60-2 R01516450			16	4	50	68.00
SP60-2 R01520450			20	4	50	68.00

SP 60°系列

深沟加工 38°螺旋角 深沟圆鼻刀

Deep groove processing 38° spiral Angle deep groove nose knife



- 适用于深沟加工的长颈避空型
- 可对应从低速到高速的各种深沟3D造型加工
- Suitable for deep ditch processing of long neck type
- Can be from low to high speed from a variety of deep groove 3D modeling processing



加工材料 Work Material

可切削材料表 (★重点推荐 ⦿最适合 ○适合)

碳素钢 Carbon Steels	合金钢·工具钢 Alloy Steels Tool Steels	调质钢 Prehardend Steels	淬火钢 Hardened Steels		不锈钢 Stainless Steels	钛合金 Titanium Alloy	铝合金 Aluminum Alloy	铜合金 Copper	树脂 Resin
			> 55HRC	< 55HRC					
○	⦿	⦿	○	⦿	○		○	⦿	○

单位(mm)

产品代码 Code No.	(d1)刃径	(L1)刃长	(L2)有效长	(D)柄径	(L3)全长	RMB
	Blade	Blade length	Effective long	Handle	overall length	
SP60-4 1R0206450	1R0.2	2	6	4	50	77.00
SP60-4 1R0208450			8	4	50	77.00
SP60-4 1R0210450			10	4	50	77.00
SP60-4 1R0212450			12	4	50	77.00
SP60-4 1R0216450			16	4	50	77.00
SP60-4 15R0208450	1.5R0.2	3	8	4	50	77.00
SP60-4 15R0210450			10	4	50	77.00
SP60-4 15R0212450			12	4	50	77.00
SP60-4 15R0216450			16	4	50	77.00
SP60-4 15R0220450			20	4	50	77.00
SP60-4 2R0208450	2R0.2	4	8	4	50	77.00
SP60-4 2R0210450			10	4	50	77.00
SP60-4 2R0212450			12	4	50	77.00
SP60-4 2R0216450			16	4	50	77.00
SP60-4 2R0220450			20	4	50	77.00
SP60-4 2R0508450	2R0.5	4	8	4	50	77.00
SP60-4 2R0510450			10	4	50	77.00
SP60-4 2R0512450			12	4	50	77.00
SP60-4 2R0516450			16	4	50	77.00
SP60-4 2R0512450			20	4	50	77.00
SP60-4 3R0210450	3R0.2	6	10	4	50	77.00
SP60-4 3R0212450			12	4	50	77.00
SP60-4 3R0216450			16	4	50	77.00
SP60-4 3R0220450			20	4	50	77.00
SP60-4 3R0510450	3R0.5	6	10	4	50	77.00
SP60-4 3R0512450			12	4	50	77.00
SP60-4 3R0516450			16	4	50	77.00
SP60-4 3R0520450			20	4	50	77.00

