AHNO 阿诺
Cutting Tool Technology

飓风-高硬铣刀

HURRICANE-
HIGH HARDNESS MILLING TOOLS

AHNO 阿诺
Cutting Tool Technology

阿诺产品概述

AHNO PRODUCT OVERVIEW

飓风-高硬铣刀选型手册
Hurricane-High Hardness Milling Tools Selection Manual

苏州阿诺精密切削技术有限公司
Suzhou Ahno Precision Cutting Tool Technology Co., Ltd.

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随着阿诺的研发和刀具技术的不断进步,本书所展示的产品如有更替新品,我们将另行通知。

With continuous development of AHNO R & D and tool technology, we will send notifications if there is any update or replacement of the products in the manual.

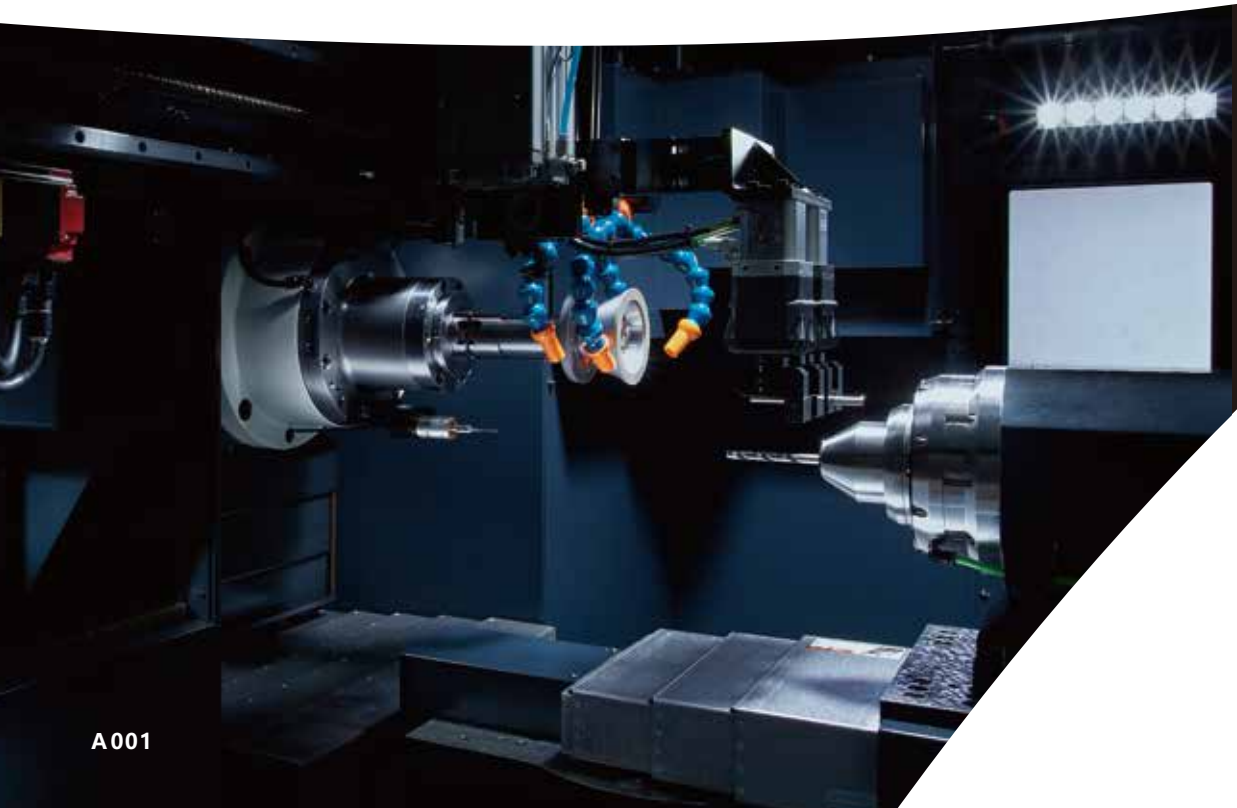
Company Introduction
公司介绍

源起 {ORIGIN}

苏州阿诺精密切削技术有限公司成立于2002年，最初为中德合资企业，2016年与上市公司重组，成为鲍斯股份（股票代码：300441）重要组成部分，目前，集团员工数超1100人,其中以多名博士和硕士为主导的研发人员30余人，布局全球20家修磨中心和6个工厂。

阿诺提供高品质精密金属切削刀具的研发、设计、制造、修磨和技术支持等一条龙服务，产品包括非标刀具、标准刀具，医疗刀具、刀具涂层、刀具修磨、智能刀具柜、刀具管理等。

作为中国精密切削刀具领域里极具影响力的企业之一，阿诺的产品广泛应用于汽车工业、航空航天、模具制造、工程机械、精密机械、医疗行业等高端制造领域。阿诺将依托良好的硬件优势和人才优势，继续引领国内刀具制造及修磨领域，通过“快速精密制造、全国连锁修磨、专业刀具管理、整体解决方案”，阿诺是您值得信赖的合作伙伴！



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Suzhou AHNO Precision Cutting Tool Technology Co., Ltd. was established in 2002. The current number of employees in AHNO Group exceeds 1100 people, of which over 30 researchers have doctor or master degree. AHNO has set up 6+ factories and 20+ chain regrinding centers in China, covering industrial cities nationwide and directly serving more than 3,500 high-quality end customers, to realize localization and rapid response to customer needs.

AHNO provides one-stop services for high-quality precision metal cutting tools, from R & D, designing, manufacturing, regrinding to technical support, etc. Products include special tools, standard tools, medical tools, tool coating, tool regrinding, intelligent tool cabinet and tool management, etc.

As one of the most influential precision cutting tool enterprises in China, AHNO's products are widely used in high-end manufacturing fields such as automotive industry, aerospace, mold manufacturing, engineering machinery, precision machinery, and medical industry. AHNO will rely on its good hardware and talent advantages, and continue to lead domestic tool manufacturing and regrinding field, through "rapid precision manufacturing, national chain regrinding, professional tool management, and overall solutions". AHNO is your trustworthy partner!

ISO13485&ISO9001 Certificate

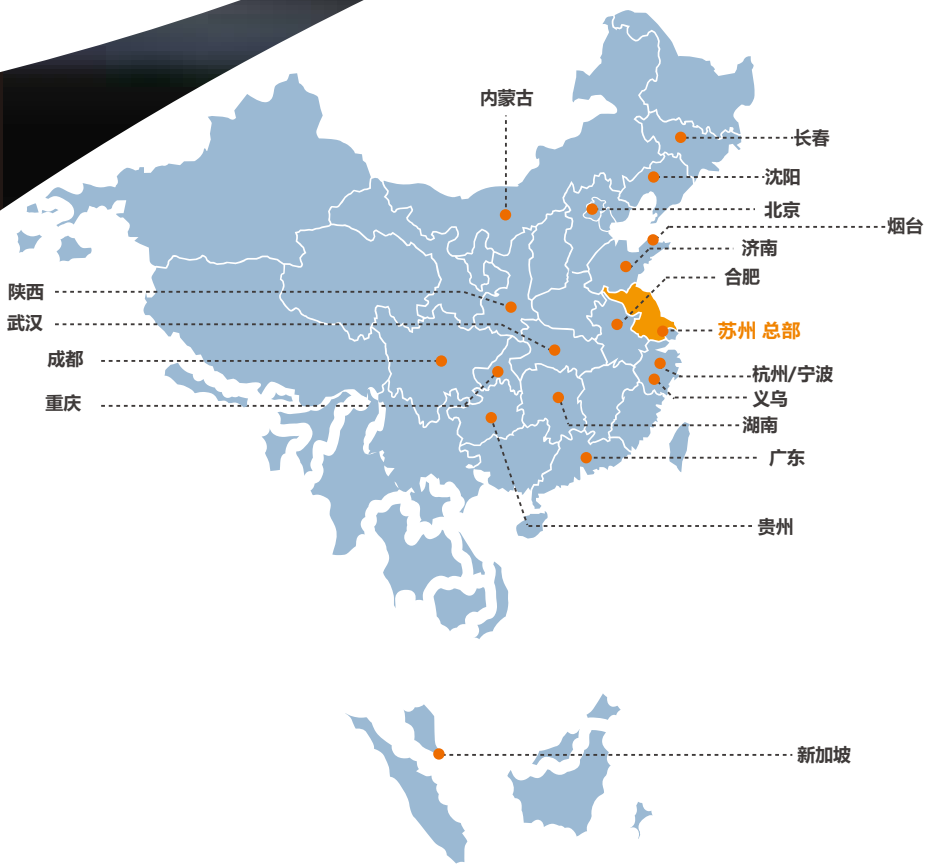
阿诺布局
AHNO's Layout

至今，阿诺在中国共开设20家修磨中心，业务能力覆盖全国工业城市，并直接服务于3500多家优质终端客户，实现客户需求本地化对接和快速响应。2017年3月，阿诺收购了新加坡亚狮精密刀具，专注服务东南亚刀具市场。

以客户为中心，阿诺坚持免费为广大客户提供用刀指导、现场技术服务和刀具优化建议等，无论您在哪里，您与阿诺仅有一个电话的距离。

In March 2017, AHNO has acquired Singapore Access Precision Tools PTE LDT to expand the tool market in Southeast Asia.

Being customer-oriented, AHNO insists on providing free tool guidance, on-site technical services and tool optimization advice. Wherever you are, one phone call will connect you with AHNO.



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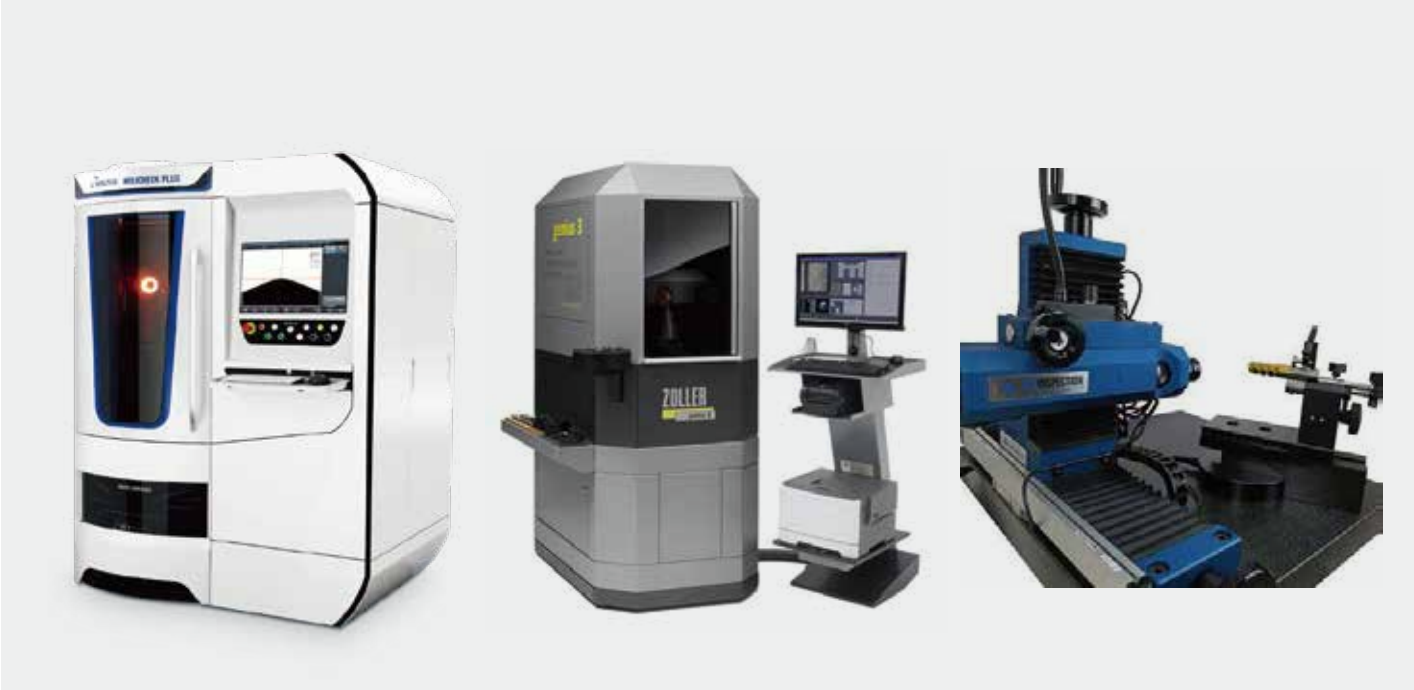
High Precision Measuring Equipment
高精密测量设备



飓风—高硬铣刀

Hurricane-High Hardness Milling Tools

AHS系列 AHS Series

高硬高效加工，适合加工淬火钢HRC50-65，高合金材料

High-hardness and high-efficiency machining. Suitable for machining hardened steel HRC 50-65 and high-alloy materials.

AHM系列 AHM Series

高速高耐磨加工，适合预制钢HRC≤52、不锈钢和大型模具的长时间切削

High-speed and high-wear-resisting machining. Suitable for long-time cutting of prefabricated steel HRC≤52, stainless steel and large molds.

Cutting Tool Naming Guidelines
刀具型号标示指南

飓风-高硬铣刀命名规则

AH S R L 2 020 R0.5 L16 04 50

⑩ 刀具总长 ⑩ Overall Length of Tool
50 刀具总长：50
150 刀具总长：150

⑨ 刀具柄径 ⑨ Shank Diameter of Tool
04 柄径：SD4 Shank Diameter
12 柄径：SD12

⑧ 长颈系列有效长度 ⑧ Neck Increased Series
L16：有效长度16mm - Effective Machining Length
L20：有效长度20mm Effective Machining Length

⑦ 刀尖圆弧半径 ⑦ Arc Radius of the Cutting Edge Tip
R0.5 圆弧半径：0.5 Arc Radius
R1.0 圆弧半径：1.0

⑥ 刀具刃径 ⑥ Diameter of Cutting Edge
020 2.0mm
120 12.0mm

⑤ 切削刃数 ⑤ Number of Flutes
2 刃数：2 Flute Number
4 刃数：4

④ 特殊类型 ④ Special Types
L：长颈型设计 Neck Increased
F：螺旋角30° Helix Angle
P：短刃型设计 Short Flute
K：强力型设计 High Feed

③ 钻尖形式 ③ End Type
R：圆鼻铣刀 End Mill with Corner Radius
E：平头铣刀 End Mill with Flat End
B：球头铣刀 End Mill with Ballnose

② 产品类型 ② Product Type
S（高硬度：HRC50-65）High Hardness
M（高耐磨：HRC≤52） High Wear-resistance

① 公司产品代号 ① Company Product Code
AH：公司产品代号

AHNO 阿诺
Cutting Tool Technology

Chapter Overview
章节目录

AHS系列

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03	**AHSE 6刃平头铣刀** AHSE 6-flute End Mills	A013-A013
04	**AHSRF 4刃圆鼻铣刀** AHSRF 4-flute End Mills with Corner Radius	A014-A016
05	**AHSR 4刃圆鼻铣刀** AHSR 4-flute End Mills with Corner Radius	A017-A019
06	**AHSRP 4刃短刃圆鼻铣刀** AHSRP 4-flute Short-flute End Mills with Corner Radius	A020-A021
07	**AHSR 6刃圆鼻铣刀** AHSR 6-flute End Mills with Corner Radius	A022-A022
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09	**AHSB 2刃球头铣刀** AHSB 2-flute Ballnose End Mills	A024-A025
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- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

Chapter Overview
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AHM系列

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12	**AHMEL 2刃长颈平头铣刀** AHMEL 2-flute End Mills with Neck Increased	A067-A068
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AHS SERIES

AHS系列

AHS系列特点

AHS SERIES FEATURES

材料特点：

- 采用极细超微粒基体
- 兼具良好的韧性和硬度

Material Features:

- Adopt extremely fine ultramicron matrix.
- Great toughness and hardness.

超Y涂层特点：

- 高红硬性，提高切削速度
- 稳定性高，涂层表面附着力强
- 涂层硬度高，提高刀具使用寿命
- 超耐高温，高速加工适合干切削或微润滑切削

Super-Y Coating Features:

- High red hardness. Increase cutting speed.
- High stability. Strong adhesion on the coating surface.
- High coating hardness. Improve tool life.
- High temperature resistance. High-speed machining. Suitable for dry cutting or micro-lubrication cutting.

应用领域：

- 适合加工淬火钢（HRC 50-65）例：SKD61、S136H、SKD11等
- 适合加工高合金材料

Application:

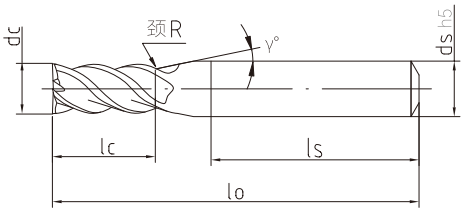
- Suitable for machining hardened steel (HRC50-65).
-SKD61, S136H, SKD11, etc.
- Suitable for machining high-alloy materials.

淬火钢的终结者

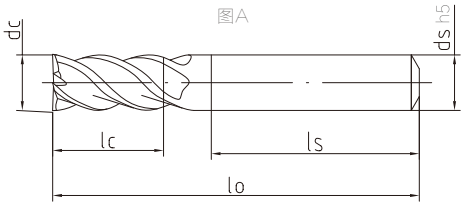
Perfect Choice for Chilled Steel

50≤HRC≤65（高硬度）

AHSEF 4刃平头铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining high hardness materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- Designed for high precision milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
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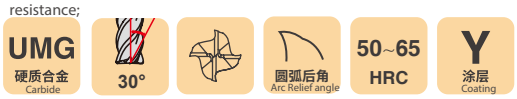

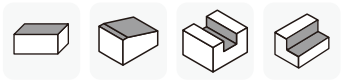

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSEF 4010 0450	D1x3xL50xSD4	1	3	4	12	50	4	A	●
AHSEF 4010 0650	D1x3xL50xSD6	1	3	4	12	50	6	A	●
AHSEF 4015 0450	D1.5x4xL50xSD4	1.5	4	-	11	50	4	A	●
AHSEF 4015 0650	D1.5x4xL50xSD6	1.5	4	-	11	50	6	A	●
AHSEF 4020 0450	D2x5xL50xSD4	2	5	-	11	50	4	A	●
AHSEF 4020 0650	D2x5xL50xSD6	2	5	-	11	50	6	A	●
AHSEF 4025 0450	D2.5x6.5xL50xSD4	2.5	6.5	-	11	50	4	A	●
AHSEF 4025 0650	D2.5x6.5xL50xSD6	2.5	6.5	-	11	50	6	A	●
AHSEF 4030 0450	D3x7.5xL50xSD4	3	7.5	-	11	50	4	A	●
AHSEF 4030 0650	D3x7.5xL50xSD6	3	7.5	-	11	50	6	A	●
AHSEF 4030 0660	D3x7.5xL60xSD6	3	7.5	-	11	60	6	A	●
AHSEF 4030 0675	D3x7.5xL75xSD6	3	7.5	-	11	75	6	A	●
AHSEF 4040 0450	D4x10xL50xSD4	4	10	-	-	50	4	B	●
AHSEF 4040 0460	D4x10xL60xSD4	4	10	-	-	60	4	B	●
AHSEF 4040 0475	D4x10xL75xSD4	4	10	-	11	75	4	A	●
AHSEF 4040 0650	D4x10xL50xSD6	4	10	-	11	50	6	A	●
AHSEF 4040 0660	D4x10xL60xSD6	4	10	-	11	60	6	A	●
AHSEF 4040 0675	D4x10xL75xSD6	4	10	-	11	75	6	A	●
AHSEF 4050 0650	D5x12.5xL50xSD6	5	12.5	-	11	50	6	A	●

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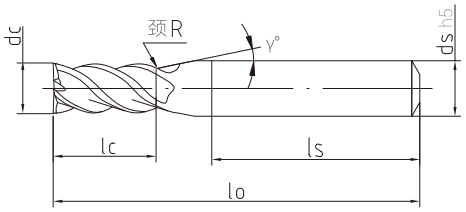
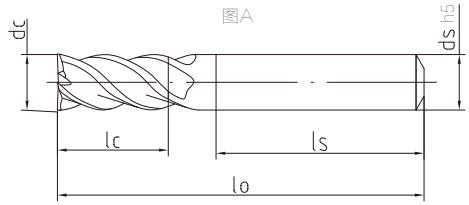
Cutting Tool Technology

AHSEF 4刃平头铣刀



图A



图B

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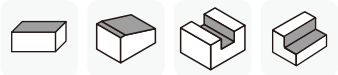
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating



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AHSEF 4060 0650	D6x15xL50xSD6	6	15	-	-	50	6	B	●
AHSEF 4060 0660	D6x15xL60xSD6	6	15	-	-	60	6	B	●
AHSEF 4060 0675	D6x15xL75xSD6	6	15	-	-	75	6	B	●
AHSEF 4060 06100	D6x15xL100xSD6	6	15	-	-	100	6	B	●
AHSEF 4080 0860	D8x20xL60xSD8	8	20	-	-	60	8	B	●
AHSEF 4080 0875	D8x20xL75xSD8	8	20	-	-	75	8	B	●
AHSEF 4080 08100	D8x20xL100xSD8	8	20	-	-	100	8	B	●
AHSEF 4100 1075	D10x25xL75xSD10	10	25	-	-	75	10	B	●
AHSEF 4100 10100	D10x25xL100xSD10	10	25	-	-	100	10	B	●
AHSEF 4120 1275	D12x30xL75xSD12	12	30	-	-	75	12	B	●
AHSEF 4120 12100	D12x30xL100xSD12	12	30	-	-	100	12	B	●
AHSEF 4140 1475	D14x35xL75xSD14	14	35	-	-	75	14	B	●
AHSEF 4140 14100	D14x35xL100xSD14	14	35	-	-	100	14	B	●
AHSEF 4160 16100	D16x40xL100xSD16	16	40	-	-	100	16	B	●
AHSEF 4160 16150	D16x40xL150xSD16	16	40	-	-	150	16	B	●
AHSEF 4200 20100	D20x50xL100xSD20	20	50	-	-	100	20	B	●
AHSEF 4200 20150	D20x50xL150xSD20	20	50	-	-	150	20	B	●

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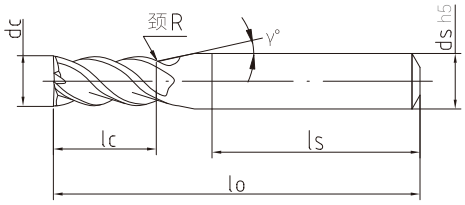
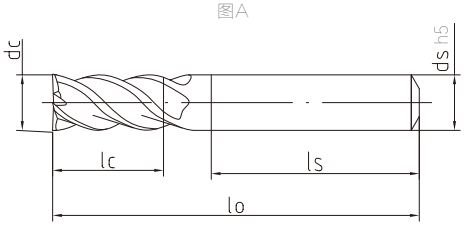
AHSE 4刃平头铣刀



图A



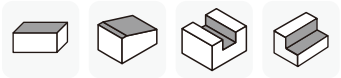
图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining high hardness materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- Designed for high precision milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

UMG 硬质合金 Carbide | 45° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

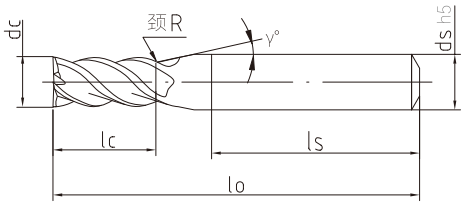


订货编号 · Order code

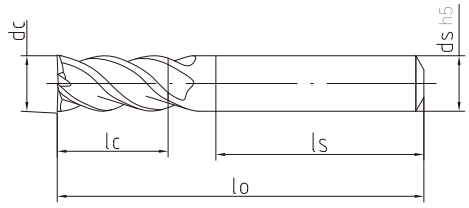
代码 Code	规格型号 Designation	刃径 · dc	刃长 · lc	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHSE 4010 0450	D1x3xL50xSD4	1	3	4	12	50	4	A	●
AHSE 4010 0650	D1x3xL50xSD6	1	3	-	12	50	6	A	●
AHSE 4015 0450	D1.5x4xL50xSD4	1.5	4	-	11	50	4	A	●
AHSE 4015 0650	D1.5x4xL50xSD6	1.5	4	-	11	50	6	A	●
AHSE 4020 0450	D2x5xL50xSD4	2	5	-	11	50	4	A	●
AHSE 4020 0650	D2x5xL50xSD6	2	5	-	11	50	6	A	●
AHSE 4025 0450	D2.5x6.5xL50xSD4	2.5	6.5	-	11	50	4	A	●
AHSE 4025 0650	D2.5x6.5xL50xSD6	2.5	6.5	-	11	50	6	A	●
AHSE 4030 0450	D3x7.5xL50xSD4	3	7.5	-	11	50	4	A	●
AHSE 4030 0650	D3x7.5xL50xSD6	3	7.5	-	11	50	6	A	●
AHSE 4030 0660	D3x7.5xL60xSD6	3	7.5	-	11	60	6	A	●
AHSE 4030 0675	D3x7.5xL75xSD6	3	7.5	-	11	75	6	A	●
AHSE 4040 0450	D4x10xL50xSD4	4	10	-	-	50	4	B	●
AHSE 4040 0460	D4x10xL60xSD4	4	10	-	-	60	4	B	●
AHSE 4040 0475	D4x10xL75xSD4	4	10	-	-	75	4	B	●
AHSE 4040 0650	D4x10xL50xSD6	4	10	-	11	50	6	A	●
AHSE 4040 0660	D4x10xL60xSD6	4	10	-	11	60	6	A	●
AHSE 4040 0675	D4x10xL75xSD6	4	10	-	11	75	6	A	●
AHSE 4050 0650	D5x12.5xL50xSD6	5	12.5	-	11	50	6	A	●
AHSE 4050 0675	D5x12.5xL75xSD6	5	12.5	-	11	75	6	A	●
AHSE 4060 0650	D6x15xL50xSD6	6	15	-	-	50	6	B	●
AHSE 4060 0660	D6x15xL60xSD6	6	15	-	-	60	6	B	●

AHNO 阿诺
Cutting Tool Technology

AHSE 4刃平头铣刀



图A



图B

- 专为加工高硬度材料设计；
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刃径 φ.dc	φ.dc Tolerance
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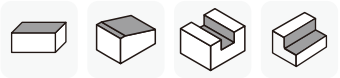
UMG 硬质合金 Carbide | 45° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

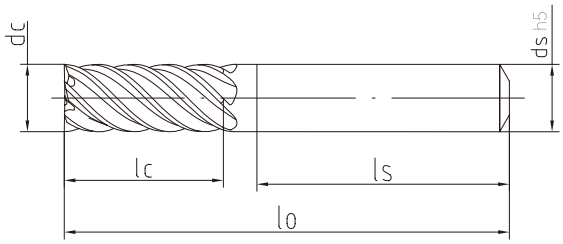


订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSE 4060 0675	D6x15xL75xSD6	6	15	-	-	75	6	B	●
AHSE 4060 06100	D6x15xL100xSD6	6	15	-	-	100	6	B	●
AHSE 4080 0860	D8x20xL60xSD8	8	20	-	-	60	8	B	●
AHSE 4080 0875	D8x20xL75xSD8	8	20	-	-	75	8	B	●
AHSE 4080 08100	D8x20xL100xSD8	8	20	-	-	100	8	B	●
AHSE 4080 08125	D8x20xL125xSD8	8	20	-	-	125	8	B	●
AHSE 4080 08150	D8x20xL150xSD8	8	20	-	-	150	8	B	●
AHSE 4100 1075	D10x25xL75xSD10	10	25	-	-	75	10	B	●
AHSE 4100 10100	D10x25xL100xSD10	10	25	-	-	100	10	B	●
AHSE 4100 10125	D10x25xL125xSD10	10	25	-	-	125	10	B	●
AHSE 4100 10150	D10x25xL150xSD10	10	25	-	-	150	10	B	●
AHSE 4120 1275	D12x30xL75xSD12	12	30	-	-	75	12	B	●
AHSE 4120 12100	D12x30xL100xSD12	12	30	-	-	100	12	B	●
AHSE 4120 12125	D12x30xL125xSD12	12	30	-	-	125	12	B	●
AHSE 4120 12150	D12x30xL150xSD12	12	30	-	-	150	12	B	●
AHSE 4140 1475	D14x35xL75xSD14	14	35	-	-	75	14	B	●
AHSE 4140 14100	D14x35xL100xSD14	14	35	-	-	100	14	B	●
AHSE 4160 16100	D16x40xL100xSD16	16	40	-	-	100	16	B	●
AHSE 4160 16150	D16x40xL150xSD16	16	40	-	-	150	16	B	●
AHSE 4200 20100	D20x50xL100xSD20	20	50	-	-	100	20	B	●
AHSE 4200 20150	D20x50xL150xSD20	20	50	-	-	150	20	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSE 6刃平头铣刀



图B

- 专为加工高硬度材料设计；
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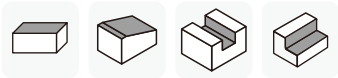
刃径 φ.dc	φ.dc Tolerance
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

UMG 硬质合金 Carbide | 45° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

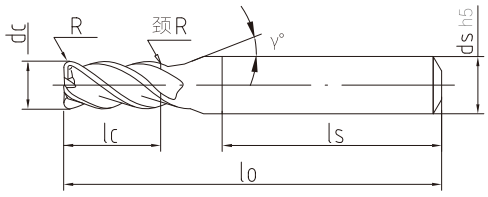


订货编号 · Order code

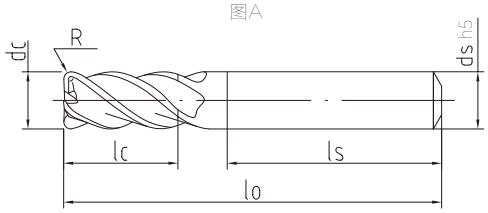
代码 Code	规格型号 Designation	刃径 · dc	刃长 · lc	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHSE 6060 0650	D6x15xL50xSD6	6	15	50	6	B	●
AHSE 6060 0660	D6x15xL60xSD6	6	15	60	6	B	●
AHSE 6080 0860	D8x20xL60xSD8	8	20	60	8	B	●
AHSE 6080 0875	D8x20xL75xSD8	8	20	75	8	B	●
AHSE 6100 1075	D10x25xL75xSD10	10	25	75	10	B	●
AHSE 6100 10100	D10x25xL100xSD10	10	25	100	10	B	●
AHSE 6120 1275	D12x30xL75xSD12	12	30	75	12	B	●
AHSE 6120 12100	D12x30xL100xSD12	12	30	100	12	B	●
AHSE 6140 1475	D14x35xL75xSD14	14	35	75	14	B	●
AHSE 6140 14100	D14x35xL100xSD14	14	35	100	14	B	●
AHSE 6160 16100	D16x40xL100xSD16	16	40	100	16	B	●
AHSE 6160 16150	D16x40xL150xSD16	16	40	150	16	B	●
AHSE 6200 20100	D20x50xL100xSD20	20	50	100	20	B	●
AHSE 6200 20150	D20x50xL150xSD20	20	50	150	20	B	●

AHNO 阿诺
Cutting Tool Technology

AHSRF 4刃圆鼻铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号 · Order code

代码 Code	规格型号 Designation	刃径 · dc	圆角半径 · R	刃长 · lc	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHSRF 4010R0.2 0450	D1R0.2x2xL50xSD4	1	0.2	2	4	12	50	4	A	●
AHSRF 4015R0.2 0450	D1.5R0.2x3xL50xSD4	1.5	0.2	3	-	11	50	4	A	●
AHSRF 4020R0.2 0450	D2R0.2x4xL50xSD4	2	0.2	4	-	11	50	4	A	●
AHSRF 4030R0.2 0450	D3R0.2x6xL50xSD4	3	0.2	6	-	11	50	4	A	●
AHSRF 4030R0.2 0650	D3R0.2x6xL50xSD6	3	0.2	6	-	11	50	6	A	●
AHSRF 4030R0.2 0660	D3R0.2x6xL60xSD6	3	0.2	6	-	11	60	6	A	●
AHSRF 4030R0.2 0675	D3R0.2x6xL75xSD6	3	0.2	6	-	11	75	6	A	●
AHSRF 4040R0.2 0450	D4R0.2x8xL50xSD4	4	0.2	8	-	-	50	4	B	●
AHSRF 4040R0.2 0460	D4R0.2x8xL60xSD4	4	0.2	8	-	-	60	4	B	●
AHSRF 4040R0.2 0475	D4R0.2x8xL75xSD4	4	0.2	8	-	-	75	4	B	●
AHSRF 4040R0.2 0650	D4R0.2x8xL50xSD6	4	0.2	8	-	11	50	6	A	●
AHSRF 4040R0.2 0660	D4R0.2x8xL60xSD6	4	0.2	8	-	11	60	6	A	●
AHSRF 4040R0.2 0675	D4R0.2x8xL75xSD6	4	0.2	8	-	11	75	6	A	●
AHSRF 4060R0.2 0650	D6R0.2x12xL50xSD6	6	0.2	12	-	-	50	6	B	●
AHSRF 4060R0.2 0660	D6R0.2x12xL60xSD6	6	0.2	12	-	-	60	6	B	●
AHSRF 4060R0.2 0675	D6R0.2x12xL75xSD6	6	0.2	12	-	-	75	6	B	●
AHSRF 4060R0.2 06100	D6R0.2x12xL100xSD6	6	0.2	12	-	-	100	6	B	●
AHSRF 4040R0.3 0450	D4R0.3x8xL50xSD4	4	0.3	8	-	-	50	4	B	●
AHSRF 4040R0.3 0475	D4R0.3x8xL75xSD4	4	0.3	8	-	-	75	4	B	●
AHSRF 4040R0.3 0650	D4R0.3x8xL50xSD6	4	0.3	8	-	11	50	6	A	●
AHSRF 4040R0.3 0660	D4R0.3x8xL60xSD6	4	0.3	8	-	11	60	6	A	●
AHSRF 4040R0.3 0675	D4R0.3x8xL75xSD6	4	0.3	8	-	11	75	6	A	●
AHSRF 4020R0.5 0450	D2R0.5x4xL50xSD4	2	0.5	4	-	11	50	4	A	●
AHSRF 4030R0.5 0450	D3R0.5x6xL50xSD4	3	0.5	6	-	11	50	4	A	●
AHSRF 4030R0.5 0650	D3R0.5x6xL50xSD6	3	0.5	6	-	11	50	6	A	●
AHSRF 4030R0.5 0660	D3R0.5x6xL60xSD6	3	0.5	6	-	11	60	6	A	●
AHSRF 4030R0.5 0675	D3R0.5x6xL75xSD6	3	0.5	6	-	11	75	6	A	●
AHSRF 4040R0.5 0450	D4R0.5x8xL50xSD4	4	0.5	8	-	-	50	4	B	●
AHSRF 4040R0.5 0460	D4R0.5x8xL60xSD4	4	0.5	8	-	-	60	4	B	●
AHSRF 4040R0.5 0475	D4R0.5x8xL75xSD4	4	0.5	8	-	-	75	4	B	●

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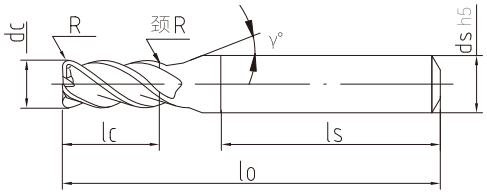
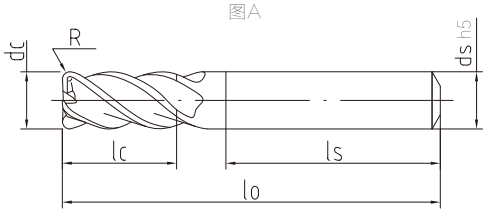
AHSRF 4刃圆鼻铣刀



图A



图B

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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

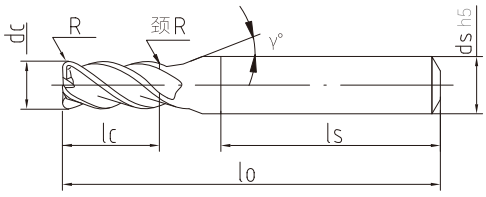
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

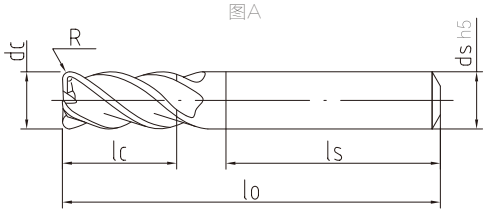
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSRF 4040R0.5 0650	D4R0.5x8xL50xSD6	4	0.5	8	-	11	50	6	A	●
AHSRF 4040R0.5 0660	D4R0.5x8xL60xSD6	4	0.5	8	-	11	60	6	A	●
AHSRF 4040R0.5 0675	D4R0.5x8xL75xSD6	4	0.5	8	-	11	75	6	A	●
AHSRF 4060R0.5 0650	D6R0.5x12xL50xSD6	6	0.5	12	-	-	50	6	B	●
AHSRF 4060R0.5 0660	D6R0.5x12xL60xSD6	6	0.5	12	-	-	60	6	B	●
AHSRF 4060R0.5 0675	D6R0.5x12xL75xSD6	6	0.5	12	-	-	75	6	B	●
AHSRF 4060R0.5 06100	D6R0.5x12xL100xSD6	6	0.5	12	-	-	100	6	B	●
AHSRF 4080R0.5 0860A	D8R0.5x20xL60xSD8	8	0.5	20	-	-	60	8	B	●
AHSRF 4080R0.5 0875A	D8R0.5x20xL75xSD8	8	0.5	20	-	-	75	8	B	●
AHSRF 4080R0.5 08100A	D8R0.5x20xL100xSD8	8	0.5	20	-	-	100	8	B	●
AHSRF 4080R0.5 08125A	D8R0.5x20xL125xSD8	8	0.5	20	-	-	125	8	B	●
AHSRF 4080R0.5 08150A	D8R0.5x20xL150xSD8	8	0.5	20	-	-	150	8	B	●
AHSRF 4100R0.5 1075A	D10R0.5x25xL75xSD10	10	0.5	25	-	-	75	10	B	●
AHSRF 4100R0.5 10100A	D10R0.5x25xL100xSD10	10	0.5	25	-	-	100	10	B	●
AHSRF 4100R0.5 10125A	D10R0.5x25xL125xSD10	10	0.5	25	-	-	125	10	B	●
AHSRF 4100R0.5 10150A	D10R0.5x25xL150xSD10	10	0.5	25	-	-	150	10	B	●
AHSRF 4120R0.5 1275A	D12R0.5x30xL75xSD12	12	0.5	30	-	-	75	12	B	●
AHSRF 4120R0.5 12100A	D12R0.5x30xL100xSD12	12	0.5	30	-	-	100	12	B	●
AHSRF 4120R0.5 12125A	D12R0.5x30xL125xSD12	12	0.5	30	-	-	125	12	B	●
AHSRF 4120R0.5 12150A	D12R0.5x30xL150xSD12	12	0.5	30	-	-	150	12	B	●
AHSRF 4040R1.0 0450	D4R1x8xL50xSD4	4	1.0	8	-	-	50	4	B	●
AHSRF 4040R1.0 0460	D4R1x8xL60xSD4	4	1.0	8	-	-	60	4	B	●
AHSRF 4040R1.0 0475	D4R1x8xL75xSD4	4	1.0	8	-	-	75	4	B	●
AHSRF 4040R1.0 0650	D4R1x8xL50xSD6	4	1.0	8	-	11	50	6	A	●
AHSRF 4040R1.0 0660	D4R1x8xL60xSD6	4	1.0	8	-	11	60	6	A	●
AHSRF 4040R1.0 0675	D4R1x8xL75xSD6	4	1.0	8	-	11	75	6	A	●
AHSRF 4060R1.0 0650	D6R1x12xL50xSD6	6	1.0	12	-	-	50	6	B	●
AHSRF 4060R1.0 0660	D6R1x12xL60xSD6	6	1.0	12	-	-	60	6	B	●
AHSRF 4060R1.0 0675	D6R1x12xL75xSD6	6	1.0	12	-	-	75	6	B	●
AHSRF 4060R1.0 06100	D6R1x12xL100xSD6	6	1.0	12	-	-	100	6	B	●

AHNO 阿诺
Cutting Tool Technology

AHSRF 4刃圆鼻铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

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刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

刃径 ϕ.dc	R Tolerance
ϕ≤12	±0.005

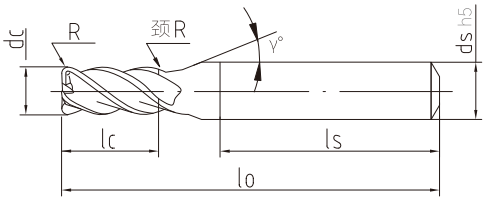
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

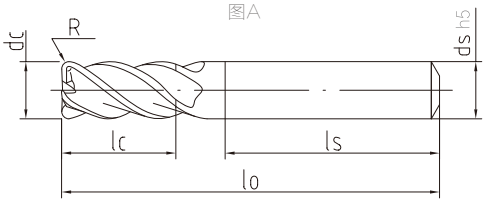
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSRF 4080R1.0 0860A	D8R1x20xL60xSD8	8	1.0	20	-	-	60	8	B	●
AHSRF 4080R1.0 0875A	D8R1x20xL75xSD8	8	1.0	20	-	-	75	8	B	●
AHSRF 4080R1.0 08100A	D8R1x20xL100xSD8	8	1.0	20	-	-	100	8	B	●
AHSRF 4100R1.0 1075A	D10R1x25xL75xSD10	10	1.0	25	-	-	75	10	B	●
AHSRF 4100R1.0 10100A	D10R1x25xL100xSD10	10	1.0	25	-	-	100	10	B	●
AHSRF 4120R1.0 1275A	D12R1x30xL75xSD12	12	1.0	30	-	-	75	12	B	●
AHSRF 4120R1.0 12100A	D12R1x30xL100xSD12	12	1.0	30	-	-	100	12	B	●
AHSRF 4120R2.0 1275A	D12R2x30xL75xSD12	12	2.0	30	-	-	75	12	B	●
AHSRF 4120R2.0 12100A	D12R2x30xL100xSD12	12	2.0	30	-	-	100	12	B	●
AHSRF 4080R0.5 0860	D8R0.5x16xL60xSD8	8	0.5	16	-	-	60	8	B	●
AHSRF 4080R0.5 0875	D8R0.5x16xL75xSD8	8	0.5	16	-	-	75	8	B	●
AHSRF 4080R0.5 08100	D8R0.5x16xL100xSD8	8	0.5	16	-	-	100	8	B	●
AHSRF 4080R0.5 08125	D8R0.5x16xL125xSD8	8	0.5	16	-	-	125	8	B	●
AHSRF 4080R0.5 08150	D8R0.5x16xL150xSD8	8	0.5	16	-	-	150	8	B	●
AHSRF 4100R0.5 1075	D10R0.5x20xL75xSD10	10	0.5	20	-	-	75	10	B	●
AHSRF 4100R0.5 10100	D10R0.5x20xL100xSD10	10	0.5	20	-	-	100	10	B	●
AHSRF 4100R0.5 10125	D10R0.5x20xL125xSD10	10	0.5	20	-	-	125	10	B	●
AHSRF 4100R0.5 10150	D10R0.5x20xL150xSD10	10	0.5	20	-	-	150	10	B	●
AHSRF 4120R0.5 1275	D12R0.5x24xL75xSD12	12	0.5	24	-	-	75	12	B	●
AHSRF 4120R0.5 12100	D12R0.5x24xL100xSD12	12	0.5	24	-	-	100	12	B	●
AHSRF 4120R0.5 12125	D12R0.5x24xL125xSD12	12	0.5	24	-	-	125	12	B	●
AHSRF 4120R0.5 12150	D12R0.5x24xL150xSD12	12	0.5	24	-	-	150	12	B	●
AHSRF 4080R1.0 0860	D8R1x16xL60xSD8	8	1.0	16	-	-	60	8	B	●
AHSRF 4080R1.0 0875	D8R1x16xL75xSD8	8	1.0	16	-	-	75	8	B	●
AHSRF 4080R1.0 08100	D8R1x16xL100xSD8	8	1.0	16	-	-	100	8	B	●
AHSRF 4100R1.0 1075	D10R1x20xL75xSD10	10	1.0	20	-	-	75	10	B	●
AHSRF 4100R1.0 10100	D10R1x20xL100xSD10	10	1.0	20	-	-	100	10	B	●
AHSRF 4120R1.0 1275	D12R1x24xL75xSD12	12	1.0	24	-	-	75	12	B	●
AHSRF 4120R1.0 12100	D12R1x24xL100xSD12	12	1.0	24	-	-	100	12	B	●
AHSRF 4100R2.0 1075	D10R2x20xL75xSD10	10	2.0	20	-	-	75	10	B	●
AHSRF 4100R2.0 10100	D10R2x20xL100xSD10	10	2.0	20	-	-	100	10	B	●
AHSRF 4120R2.0 1275	D12R2x24xL75xSD12	12	2.0	24	-	-	75	12	B	●
AHSRF 4120R2.0 12100	D12R2x24xL100xSD12	12	2.0	24	-	-	100	12	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSR 4刃圆鼻铣刀



图A



图B

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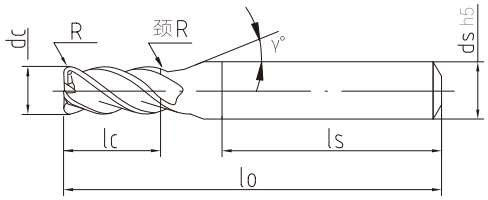
UMG 硬质合金 Carbide | 45° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

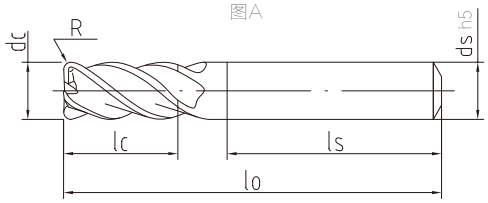
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSR 4010R0.2 0450	D1R0.2x2xL50xSD4	1	0.2	2	4	12	50	4	A	●
AHSR 4015R0.2 0450	D1.5R0.2x3xL50xSD4	1.5	0.2	3	-	11	50	4	A	●
AHSR 4020R0.2 0450	D2R0.2x5xL50xSD4	2	0.2	5	-	11	50	4	A	●
AHSR 4030R0.2 0450	D3R0.2x7.5xL50xSD4	3	0.2	7.5	-	11	50	4	A	●
AHSR 4030R0.2 0650	D3R0.2x7.5xL50xSD6	3	0.2	7.5	-	11	50	6	A	●
AHSR 4030R0.2 0660	D3R0.2x7.5xL60xSD6	3	0.2	7.5	-	11	60	6	A	●
AHSR 4030R0.2 0675	D3R0.2x7.5xL75xSD6	3	0.2	7.5	-	11	75	6	A	●
AHSR 4040R0.2 0450	D4R0.2x10xL50xSD4	4	0.2	10	-	-	50	4	B	●
AHSR 4040R0.2 0460	D4R0.2x10xL60xSD4	4	0.2	10	-	-	60	4	B	●
AHSR 4040R0.2 0475	D4R0.2x10xL75xSD4	4	0.2	10	-	-	75	4	B	●
AHSR 4040R0.2 0650	D4R0.2x10xL50xSD6	4	0.2	10	-	11	50	6	A	●
AHSR 4040R0.2 0660	D4R0.2x10xL60xSD6	4	0.2	10	-	11	60	6	A	●
AHSR 4040R0.2 0675	D4R0.2x10xL75xSD6	4	0.2	10	-	11	75	6	A	●
AHSR 4060R0.2 0650	D6R0.2x15xL50xSD6	6	0.2	15	-	-	50	6	B	●
AHSR 4060R0.2 0660	D6R0.2x15xL60xSD6	6	0.2	15	-	-	60	6	B	●
AHSR 4060R0.2 0675	D6R0.2x15xL75xSD6	6	0.2	15	-	-	75	6	B	●
AHSR 4060R0.2 06100	D6R0.2x15xL100xSD6	6	0.2	15	-	-	100	6	B	●
AHSR 4040R0.3 0450	D4R0.3x10xL50xSD4	4	0.3	10	-	-	50	4	B	●
AHSR 4040R0.3 0475	D4R0.3x10xL75xSD4	4	0.3	10	-	-	75	4	B	●
AHSR 4040R0.3 0650	D4R0.3x10xL50xSD6	4	0.3	10	-	11	50	6	A	●
AHSR 4040R0.3 0660	D4R0.3x10xL60xSD6	4	0.3	10	-	11	60	6	A	●
AHSR 4040R0.3 0675	D4R0.3x10xL75xSD6	4	0.3	10	-	11	75	6	A	●
AHSR 4020R0.5 0450	D2R0.5x5xL50xSD4	2	0.5	5	-	11	50	4	A	●
AHSR 4030R0.5 0450	D3R0.5x7.5xL50xSD4	3	0.5	7.5	-	11	50	4	A	●
AHSR 4030R0.5 0650	D3R0.5x7.5xL50xSD6	3	0.5	7.5	-	11	50	6	A	●
AHSR 4030R0.5 0660	D3R0.5x7.5xL60xSD6	3	0.5	7.5	-	11	60	6	A	●
AHSR 4030R0.5 0675	D3R0.5x7.5xL75xSD6	3	0.5	7.5	-	11	75	6	A	●
AHSR 4040R0.5 0450	D4R0.5x10xL50xSD4	4	0.5	10	-	-	50	4	B	●
AHSR 4040R0.5 0460	D4R0.5x10xL60xSD4	4	0.5	10	-	-	60	4	B	●
AHSR 4040R0.5 0475	D4R0.5x10xL75xSD4	4	0.5	10	-	-	75	4	B	●

AHNO 阿诺
Cutting Tool Technology

AHSR 4刃圆鼻铣刀



图A



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订货编号·Order code

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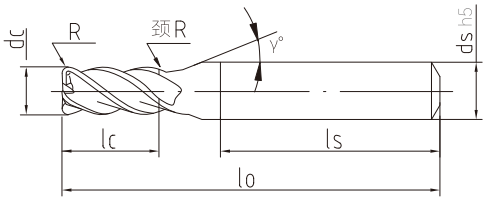
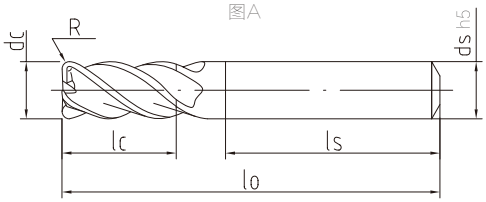
AHSR 4040R0.5 0650	D4R0.5x10xL50xSD6	4	0.5	10	-	11	50	6	A	●
AHSR 4040R0.5 0660	D4R0.5x10xL60xSD6	4	0.5	10	-	11	60	6	A	●
AHSR 4040R0.5 0675	D4R0.5x10xL75xSD6	4	0.5	10	-	11	75	6	A	●
AHSR 4060R0.5 0650	D6R0.5x15xL50xSD6	6	0.5	15	-	-	50	6	B	●
AHSR 4060R0.5 0660	D6R0.5x15xL60xSD6	6	0.5	15	-	-	60	6	B	●
AHSR 4060R0.5 0675	D6R0.5x15xL75xSD6	6	0.5	15	-	-	75	6	B	●
AHSR 4060R0.5 06100	D6R0.5x15xL100xSD6	6	0.5	15	-	-	100	6	B	●
AHSR 4080R0.5 0860	D8R0.5x20xL60xSD8	8	0.5	20	-	-	60	8	B	●
AHSR 4080R0.5 0875	D8R0.5x20xL75xSD8	8	0.5	20	-	-	75	8	B	●
AHSR 4080R0.5 08100	D8R0.5x20xL100xSD8	8	0.5	20	-	-	100	8	B	●
AHSR 4080R0.5 08125	D8R0.5x20xL125xSD8	8	0.5	20	-	-	125	8	B	●
AHSR 4080R0.5 08150	D8R0.5x20xL150xSD8	8	0.5	20	-	-	150	8	B	●
AHSR 4100R0.5 1075	D10R0.5x25xL75xSD10	10	0.5	25	-	-	75	10	B	●
AHSR 4100R0.5 10100	D10R0.5x25xL100xSD10	10	0.5	25	-	-	100	10	B	●
AHSR 4100R0.5 10125	D10R0.5x25xL125xSD10	10	0.5	25	-	-	125	10	B	●
AHSR 4100R0.5 10150	D10R0.5x25xL150xSD10	10	0.5	25	-	-	150	10	B	●
AHSR 4120R0.5 1275	D12R0.5x30xL75xSD12	12	0.5	30	-	-	75	12	B	●
AHSR 4120R0.5 12100	D12R0.5x30xL100xSD12	12	0.5	30	-	-	100	12	B	●
AHSR 4120R0.5 12125	D12R0.5x30xL125xSD12	12	0.5	30	-	-	125	12	B	●
AHSR 4120R0.5 12150	D12R0.5x30xL150xSD12	12	0.5	30	-	-	150	12	B	●
AHSR 4040R1.0 0450	D4R1x10xL50xSD4	4	1.0	10	-	-	50	4	B	●
AHSR 4040R1.0 0460	D4R1x10xL60xSD4	4	1.0	10	-	-	60	4	B	●
AHSR 4040R1.0 0475	D4R1x10xL75xSD4	4	1.0	10	-	-	75	4	B	●
AHSR 4040R1.0 0650	D4R1x10xL50xSD6	4	1.0	10	-	11	50	6	A	●
AHSR 4040R1.0 0660	D4R1x10xL60xSD6	4	1.0	10	-	11	60	6	A	●
AHSR 4040R1.0 0675	D4R1x10xL75xSD6	4	1.0	10	-	11	75	6	A	●
AHSR 4060R1.0 0650	D6R1x15xL50xSD6	6	1.0	15	-	-	50	6	B	●
AHSR 4060R1.0 0660	D6R1x15xL60xSD6	6	1.0	15	-	-	60	6	B	●
AHSR 4060R1.0 0675	D6R1x15xL75xSD6	6	1.0	15	-	-	75	6	B	●
AHSR 4060R1.0 06100	D6R1x15xL100xSD6	6	1.0	15	-	-	100	6	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSR 4刃圆鼻铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

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- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

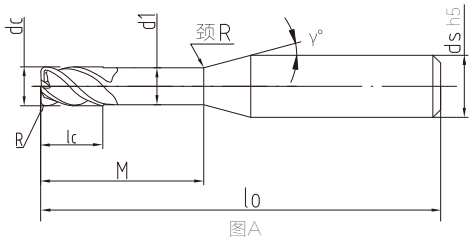
刃径 φ.dc	R Tolerance
φ≤12	±0.005

订货编号·Order code

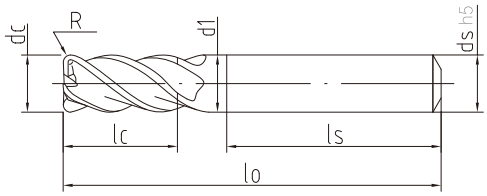
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSR 4080R1.0 0860	D8R1x20xL60xSD8	8	1.0	20	-	-	60	8	B	●
AHSR 4080R1.0 0875	D8R1x20xL75xSD8	8	1.0	20	-	-	75	8	B	●
AHSR 4080R1.0 08100	D8R1x20xL100xSD8	8	1.0	20	-	-	100	8	B	●
AHSR 4100R1.0 1075	D10R1x25xL75xSD10	10	1.0	25	-	-	75	10	B	●
AHSR 4100R1.0 10100	D10R1x25xL100xSD10	10	1.0	25	-	-	100	10	B	●
AHSR 4120R1.0 1275	D12R1x30xL75xSD12	12	1.0	30	-	-	75	12	B	●
AHSR 4120R1.0 12100	D12R1x30xL100xSD12	12	1.0	30	-	-	100	12	B	●
AHSR 4100R2.0 1075	D10R2x25xL75xSD10	10	2.0	25	-	-	75	10	B	●
AHSR 4100R2.0 10100	D10R2x25xL100xSD10	10	2.0	25	-	-	100	10	B	●
AHSR 4120R2.0 1275	D12R2x30xL75xSD12	12	2.0	30	-	-	75	12	B	●
AHSR 4120R2.0 12100	D12R2x30xL100xSD12	12	2.0	30	-	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHSRP 4刃短刃圆鼻铣刀



图A



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ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

刃径 ϕ.dc	R Tolerance
ϕ≤12	±0.005

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·□d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSRP 4010R0.2 0450	D1R0.2x1x3xL50xSD4	1	0.2	1	3	0.94	4	12	50	4	A	●
AHSRP 4015R0.2 0450	D1.5R0.2x1.5x4.5xL50xSD4	1.5	0.2	1.5	4.5	1.42	-	11	50	4	A	●
AHSRP 4020R0.2 0450	D2R0.2x2x6xL50xSD4	2	0.2	2	6	1.9	-	11	50	4	A	●
AHSRP 4030R0.2 0450	D3R0.2x3x9xL50xSD4	3	0.2	3	9	2.9	-	11	50	4	A	●
AHSRP 4030R0.2 0650	D3R0.2x3x9xL50xSD6	3	0.2	3	9	2.9	-	11	50	6	A	●
AHSRP 4030R0.2 0660	D3R0.2x3x9xL60xSD6	3	0.2	3	9	2.9	-	11	60	6	A	●
AHSRP 4030R0.2 0675	D3R0.2x3x9xL75xSD6	3	0.2	3	9	2.9	-	11	75	6	A	●
AHSRP 4040R0.2 0450	D4R0.2x4x12xL50xSD4	4	0.2	4	12	3.9	-	-	50	4	B	●
AHSRP 4040R0.2 0650	D4R0.2x4x12xL50xSD6	4	0.2	4	12	3.9	-	11	50	6	A	●
AHSRP 4040R0.2 0660	D4R0.2x4x12xL60xSD6	4	0.2	4	12	3.9	-	11	60	6	A	●
AHSRP 4040R0.2 0675	D4R0.2x4x12xL75xSD6	4	0.2	4	12	3.9	-	11	75	6	A	●
AHSRP 4060R0.2 0650	D6R0.2x6x18xL50xSD6	6	0.2	6	18	5.85	-	-	50	6	B	●
AHSRP 4060R0.2 0660	D6R0.2x6x18xL60xSD6	6	0.2	6	18	5.85	-	-	60	6	B	●
AHSRP 4060R0.2 0675	D6R0.2x6x18xL75xSD6	6	0.2	6	18	5.85	-	-	75	6	B	●
AHSRP 4060R0.2 06100	D6R0.2x6x18xL100xSD6	6	0.2	6	18	5.85	-	-	100	6	B	●
AHSRP 4040R0.3 0450	D4R0.3x4x12xL50xSD4	4	0.3	4	12	3.9	-	-	50	4	B	●
AHSRP 4040R0.3 0650	D4R0.3x4x12xL50xSD6	4	0.3	4	12	3.9	-	11	50	6	A	●
AHSRP 4040R0.3 0660	D4R0.3x4x12xL60xSD6	4	0.3	4	12	3.9	-	11	60	6	A	●
AHSRP 4040R0.3 0675	D4R0.3x4x12xL75xSD6	4	0.3	4	12	3.9	-	11	75	6	A	●
AHSRP 4020R0.5 0450	D2R0.5x2x6xL50xSD4	2	0.5	2	6	1.9	-	11	50	4	A	●
AHSRP 4030R0.5 0450	D3R0.5x3x9xL50xSD4	3	0.5	3	9	2.9	-	11	50	4	A	●
AHSRP 4030R0.5 0650	D3R0.5x3x9xL50xSD6	3	0.5	3	9	2.9	-	11	50	6	A	●
AHSRP 4030R0.5 0660	D3R0.5x3x9xL60xSD6	3	0.5	3	9	2.9	-	11	60	6	A	●
AHSRP 4030R0.5 0675	D3R0.5x3x9xL75xSD6	3	0.5	3	9	2.9	-	11	75	6	A	●
AHSRP 4040R0.5 0450	D4R0.5x4x12xL50xSD4	4	0.5	4	12	3.9	-	-	50	4	B	●
AHSRP 4040R0.5 0650	D4R0.5x4x12xL50xSD6	4	0.5	4	12	3.9	-	11	50	6	A	●
AHSRP 4040R0.5 0660	D4R0.5x4x12xL60xSD6	4	0.5	4	12	3.9	-	11	60	6	A	●
AHSRP 4040R0.5 0675	D4R0.5x4x12xL75xSD6	4	0.5	4	12	3.9	-	11	75	6	A	●
AHSRP 4060R0.5 0650	D6R0.5x6x18xL50xSD6	6	0.5	6	18	5.85	-	-	50	6	B	●
AHSRP 4060R0.5 0660	D6R0.5x6x18xL60xSD6	6	0.5	6	18	5.85	-	-	60	6	B	●
AHSRP 4060R0.5 0675	D6R0.5x6x18xL75xSD6	6	0.5	6	18	5.85	-	-	75	6	B	●
AHSRP 4060R0.5 06100	D6R0.5x6x18xL100xSD6	6	0.5	6	18	5.85	-	-	100	6	B	●

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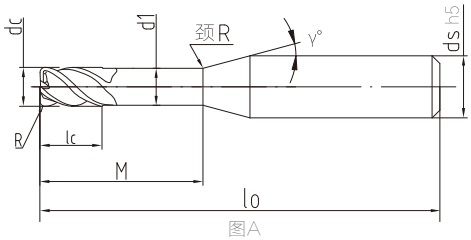
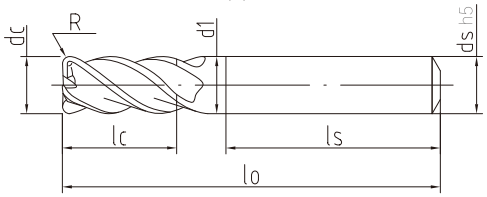
AHSRP 4刃短刃圆鼻铣刀



图A



图B

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φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

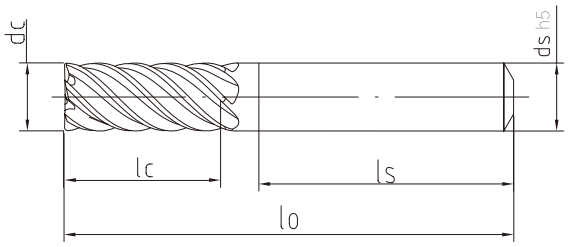
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·□d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSRP 4080R0.5 0860	D8R0.5x8x24xL60xSD8	8	0.5	8	24	7.8	-	-	60	8	B	●
AHSRP 4080R0.5 0875	D8R0.5x8x24xL75xSD8	8	0.5	8	24	7.8	-	-	75	8	B	●
AHSRP 4080R0.5 08100	D8R0.5x8x24xL100xSD8	8	0.5	8	24	7.8	-	-	100	8	B	●
AHSRP 4080R0.5 08125	D8R0.5x8x24xL125xSD8	8	0.5	8	24	7.8	-	-	125	8	B	●
AHSRP 4080R0.5 08150	D8R0.5x8x24xL150xSD8	8	0.5	8	24	7.8	-	-	150	8	B	●
AHSRP 4100R0.5 1075	D10R0.5x10x30xL75xSD10	10	0.5	10	30	9.8	-	-	75	10	B	●
AHSRP 4100R0.5 10100	D10R0.5x10x30xL100xSD10	10	0.5	10	30	9.8	-	-	100	10	B	●
AHSRP 4100R0.5 10125	D10R0.5x10x30xL125xSD10	10	0.5	10	30	9.8	-	-	125	10	B	●
AHSRP 4100R0.5 10150	D10R0.5x10x30xL150xSD10	10	0.5	10	30	9.8	-	-	150	10	B	●
AHSRP 4120R0.5 1275	D12R0.5x12x36xL75xSD12	12	0.5	12	36	11.7	-	-	75	12	B	●
AHSRP 4120R0.5 12100	D12R0.5x12x36xL100xSD12	12	0.5	12	36	11.7	-	-	100	12	B	●
AHSRP 4120R0.5 12125	D12R0.5x12x36xL125xSD12	12	0.5	12	36	11.7	-	-	125	12	B	●
AHSRP 4120R0.5 12150	D12R0.5x12x36xL150xSD12	12	0.5	12	36	11.7	-	-	150	12	B	●
AHSRP 4040R1.0 0450	D4R1x4x12xL50xSD4	4	1.0	4	12	3.9	-	-	50	4	B	●
AHSRP 4040R1.0 0650	D4R1x4x12xL50xSD6	4	1.0	4	12	3.9	-	11	50	6	A	●
AHSRP 4040R1.0 0660	D4R1x4x12xL60xSD6	4	1.0	4	12	3.9	-	11	60	6	A	●
AHSRP 4040R1.0 0675	D4R1x4x12xL75xSD6	4	1.0	4	12	3.9	-	11	75	6	A	●
AHSRP 4060R1.0 0650	D6R1x6x18xL50xSD6	6	1.0	6	18	5.85	-	-	50	6	B	●
AHSRP 4060R1.0 0660	D6R1x6x18xL60xSD6	6	1.0	6	18	5.85	-	-	60	6	B	●
AHSRP 4060R1.0 0675	D6R1x6x18xL75xSD6	6	1.0	6	18	5.85	-	-	75	6	B	●
AHSRP 4060R1.0 06100	D6R1x6x18xL100xSD6	6	1.0	6	18	5.85	-	-	100	6	B	●
AHSRP 4080R1.0 0860	D8R1x8x24xL60xSD8	8	1.0	8	24	7.8	-	-	60	8	B	●
AHSRP 4080R1.0 0875	D8R1x8x24xL75xSD8	8	1.0	8	24	7.8	-	-	75	8	B	●
AHSRP 4080R1.0 08100	D8R1x8x24xL100xSD8	8	1.0	8	24	7.8	-	-	100	8	B	●
AHSRP 4100R1.0 1075	D10R1x10x30xL75xSD10	10	1.0	10	30	9.8	-	-	75	10	B	●
AHSRP 4100R1.0 10100	D10R1x10x30xL100xSD10	10	1.0	10	30	9.8	-	-	100	10	B	●
AHSRP 4120R1.0 1275	D12R1x12x36xL75xSD12	12	1.0	12	36	11.7	-	-	75	12	B	●
AHSRP 4120R1.0 12100	D12R1x12x36xL100xSD12	12	1.0	12	36	11.7	-	-	100	12	B	●
AHSRP 4100R2.0 1075	D10R2x10x30xL75xSD10	10	2.0	10	30	9.8	-	-	75	10	B	●
AHSRP 4100R2.0 10100	D10R2x10x30xL100xSD10	10	2.0	10	30	9.8	-	-	100	10	B	●
AHSRP 4120R2.0 1275	D12R2x12x36xL75xSD12	12	2.0	12	36	11.7	-	-	75	12	B	●
AHSRP 4120R2.0 12100	D12R2x12x36xL100xSD12	12	2.0	12	36	11.7	-	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHSR 6刃圆鼻铣刀



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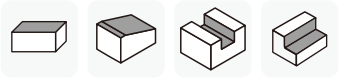
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

UMG 硬质合金 Carbide | 45° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

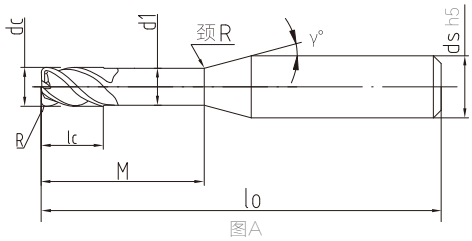


订货编号·Order code

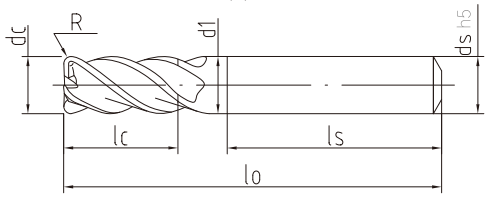
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSR 6060R0.5 0650	D6R0.5x15xL50xSD6	6	0.5	15	50	6	B	●
AHSR 6060R0.5 0660	D6R0.5x15xL60xSD6	6	0.5	15	60	6	B	●
AHSR 6080R0.5 0860	D8R0.5x20xL60xSD8	8	0.5	20	60	8	B	●
AHSR 6080R0.5 0875	D8R0.5x20xL75xSD8	8	0.5	20	75	8	B	●
AHSR 6100R0.5 1075	D10R0.5x25xL75xSD10	10	0.5	25	75	10	B	●
AHSR 6100R0.5 10100	D10R0.5x25xL100xSD10	10	0.5	25	100	10	B	●
AHSR 6120R1.0 1275	D12R0.5x30xL75xSD12	12	0.5	30	75	12	B	●
AHSR 6120R1.0 12100	D12R0.5x30xL100xSD12	12	0.5	30	100	12	B	●
AHSR 6060R1.0 0650	D6R1x15xL50xSD6	6	1.0	15	50	6	B	●
AHSR 6060R1.0 0660	D6R1x15xL60xSD6	6	1.0	15	60	6	B	●
AHSR 6080R1.0 0860	D8R1x20xL60xSD8	8	1.0	20	60	8	B	●
AHSR 6080R1.0 0875	D8R1x20xL75xSD8	8	1.0	20	75	8	B	●
AHSR 6100R1.0 1075	D10R1x25xL75xSD10	10	1.0	25	75	10	B	●
AHSR 6100R1.0 10100	D10R1x25xL100xSD10	10	1.0	25	100	10	B	●
AHSR 6120R1.0 1275	D12R1x30xL75xSD12	12	1.0	30	75	12	B	●
AHSR 6120R1.0 12100	D12R1x30xL100xSD12	12	1.0	30	100	12	B	●
AHSR 6100R2.0 1075	D10R2x25xL75xSD10	10	2.0	25	75	10	B	●
AHSR 6100R2.0 10100	D10R2x25xL100xSD10	10	2.0	25	100	10	B	●
AHSR 6120R2.0 1275	D12R2x30xL75xSD12	12	2.0	30	75	12	B	●
AHSR 6120R2.0 12100	D12R2x30xL100xSD12	12	2.0	30	100	12	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSRK 4刃强力型圆鼻铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining high hardness materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

刃径 ϕ.dc	R Tolerance
ϕ≤12	±0.010

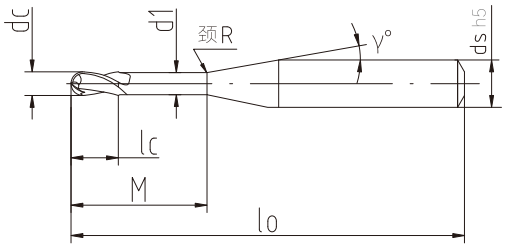
UMG 硬质合金 Carbide | 0° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

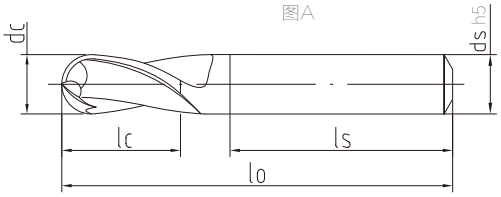
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·l	颈径·□d1	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSRK 4030R0.5 0650	D3R0.5x1.2x8xL50xSD6	3	0.5	1.2	8	2.9	11	50	6	A	●
AHSRK 4030R0.5 0675	D3R0.5x1.2x8xL75xSD6	3	0.5	1.2	8	2.9	11	75	6	A	●
AHSRK 4040R0.5 0650	D4R0.5x1.6x10xL50xSD6	4	0.5	1.6	10	3.9	11	50	6	A	●
AHSRK 4040R0.5 0675	D4R0.5x1.6x10xL75xSD6	4	0.5	1.6	10	3.9	11	75	6	A	●
AHSRK 4030R1.0 0650	D3R1x1.2x8xL50xSD6	3	1	1.2	8	2.9	11	50	6	A	●
AHSRK 4030R1.0 0675	D3R1x1.2x8xL75xSD6	3	1	1.2	8	2.9	11	75	6	A	●
AHSRK 4040R1.0 0650	D4R1x1.6x10xL50xSD6	4	1	1.6	10	3.9	11	50	6	A	●
AHSRK 4040R1.0 0675	D4R1x1.6x10xL75xSD6	4	1	1.6	10	3.9	11	75	6	A	●
AHSRK 4050R1.0 0650	D5R1x2x12xL50xSD6	5	1	2	12	4.85	11	50	6	A	●
AHSRK 4050R1.0 0675	D5R1x2x12xL75xSD6	5	1	2	12	4.85	11	75	6	A	●
AHSRK 4060R1.0 0650	D6R1x2.5x12xL50xSD6	6	1	2.5	12	5.85	-	50	6	B	●
AHSRK 4060R1.0 0675	D6R1x2.5x12xL75xSD6	6	1	2.5	12	5.85	-	75	6	B	●
AHSRK 4080R1.0 0875	D8R1x3.5x16xL75xSD8	8	1	3.5	16	7.8	-	75	8	B	●
AHSRK 4080R1.0 0810	D8R1x3.5x16xL100xSD8	8	1	3.5	16	7.8	-	100	8	B	●
AHSRK 4100R1.0 1075	D10R1x4x20xL75xSD10	10	1	4	20	9.8	-	75	10	B	●
AHSRK 4100R1.0 1010	D10R1x4x20xL100xSD10	10	1	4	20	9.8	-	100	10	B	●
AHSRK 4060R1.5 0650	D6R1.5x2.5x12xL50xSD6	6	1.5	2.5	12	5.85	-	50	6	B	●
AHSRK 4060R1.5 0675	D6R1.5x2.5x12xL75xSD6	6	1.5	2.5	12	5.85	-	75	6	B	●
AHSRK 4100R2.0 1075	D10R2x4x20xL75xSD10	10	2	4	20	9.8	-	75	10	B	●
AHSRK 4100R2.0 1010	D10R2x4x20xL100xSD10	10	2	4	20	9.8	-	100	10	B	●
AHSRK 4120R2.0 1275	D12R2x5x24xL75xSD12	12	2	5	24	11.7	-	75	12	B	●
AHSRK 4120R2.0 1210	D12R2x5x24xL100xSD12	12	2	5	24	11.7	-	100	12	B	●
AHSRK 4120R3.0 1275	D12R3x5x24xL75xSD12	12	3	5	24	11.7	-	75	12	B	●
AHSRK 4120R3.0 1210	D12R3x5x24xL100xSD12	12	3	5	24	11.7	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHSB 2刃球头铣刀



图A



图B

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- 卓越的工件表面粗糙度；
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刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

刃径 ϕ.dc	R Tolerance
ϕ≤8	±0.005
ϕ>8	±0.008

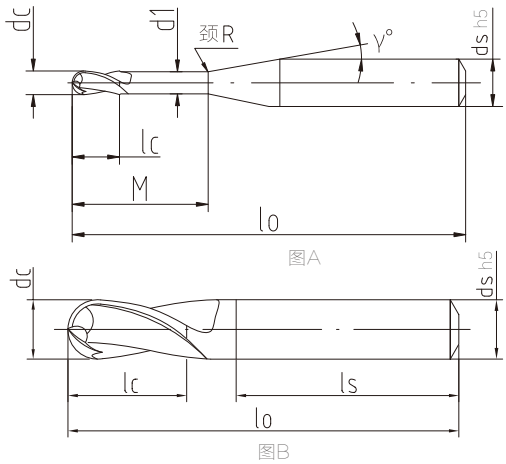
UMG 硬质合金 Carbide | 30° | 直线后角 Straight Relief Angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·□d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSB 2004 0450	D0.4R0.2x0.6xL50xSD4	0.4	0.2	0.6	-	-	2	12	50	4	A	●
AHSB 2005 0450	D0.5R0.25x0.8xL50xSD4	0.5	0.25	0.8	-	-	2	12	50	4	A	●
AHSB 2006 0450	D0.6R0.3x0.9xL50xSD4	0.6	0.3	0.9	-	-	4	12	50	4	A	●
AHSB 2008 0450	D0.8R0.4x1.2xL50xSD4	0.8	0.4	1.2	-	-	4	12	50	4	A	●
AHSB 2010 0450	D1R0.5x0.8x2xL50xSD4	1	0.5	0.8	2	0.94	4	12	50	4	A	●
AHSB 2010 0650	D1R0.5x0.8x2.5xL50xSD6	1	0.5	0.8	2.5	0.94	4	12	50	6	A	●
AHSB 2010 0660	D1R0.5x0.8x2.5xL60xSD6	1	0.5	0.8	2.5	0.94	4	12	60	6	A	●
AHSB 2010 0675	D1R0.5x0.8x2.5xL75xSD6	1	0.5	0.8	2.5	0.94	4	12	75	6	A	●
AHSB 2010 06100	D1R0.5x0.8x2.5xL100xSD6	1	0.5	0.8	2.5	0.94	4	12	100	6	A	●
AHSB 2015 0450	D1.5R0.75x1.2x3xL50xSD4	1.5	0.75	1.2	3	1.42	-	11	50	4	A	●
AHSB 2015 0650	D1.5R0.75x1.2x4xL50xSD6	1.5	0.75	1.2	4	1.42	-	11	50	6	A	●
AHSB 2015 0660	D1.5R0.75x1.2x4xL60xSD6	1.5	0.75	1.2	4	1.42	-	11	60	6	A	●
AHSB 2015 0675	D1.5R0.75x1.2x4xL75xSD6	1.5	0.75	1.2	4	1.42	-	11	75	6	A	●
AHSB 2015 06100	D1.5R0.75x1.2x4xL100xSD6	1.5	0.75	1.2	4	1.42	-	11	100	6	A	●
AHSB 2020 0450	D2R1x1.6x4xL50xSD4	2	1	1.6	4	1.9	-	11	50	4	A	●
AHSB 2020 0650	D2R1x1.6x6xL50xSD6	2	1	1.6	6	1.9	-	11	50	6	A	●
AHSB 2020 0660	D2R1x1.6x6xL60xSD6	2	1	1.6	6	1.9	-	11	60	6	A	●
AHSB 2020 0675	D2R1x1.6x6xL75xSD6	2	1	1.6	6	1.9	-	11	75	6	A	●
AHSB 2020 06100	D2R1x1.6x6xL100xSD6	2	1	1.6	6	1.9	-	11	100	6	A	●
AHSB 2025 0450	D2.5R1.25x2x5xL50xSD4	2.5	1.25	2	5	2.4	-	11	50	4	A	●
AHSB 2025 0650	D2.5R1.25x2x7xL50xSD6	2.5	1.25	2	7	2.4	-	11	50	6	A	●
AHSB 2025 0660	D2.5R1.25x2x7xL60xSD6	2.5	1.25	2	7	2.4	-	11	60	6	A	●
AHSB 2025 0675	D2.5R1.25x2x7xL75xSD6	2.5	1.25	2	7	2.4	-	11	75	6	A	●
AHSB 2025 06100	D2.5R1.25x2x7xL100xSD6	2.5	1.25	2	7	2.4	-	11	100	6	A	●
AHSB 2030 0450	D3R1.5x2.4x6xL50xSD4	3	1.5	2.4	6	2.9	-	11	50	4	A	●
AHSB 2030 0650	D3R1.5x2.4x8xL50xSD6	3	1.5	2.4	8	2.9	-	11	50	6	A	●
AHSB 2030 0460	D3R1.5x2.4x8xL60xSD4	3	1.5	2.4	8	2.9	-	11	60	4	A	●
AHSB 2030 0475	D3R1.5x2.4x8xL75xSD4	3	1.5	2.4	8	2.9	-	11	75	4	A	●
AHSB 2030 04100	D3R1.5x2.4x8xL100xSD4	3	1.5	2.4	8	2.9	-	11	100	4	A	●
AHSB 2040 0450	D4R2x6xL50xSD4	4	2	6	-	-	-	-	50	4	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSB 2刃球头铣刀



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刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

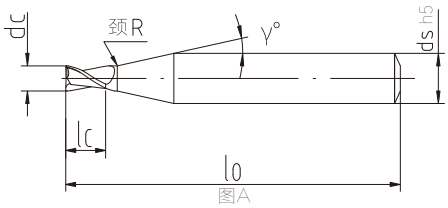
刃径 ϕ.dc	R Tolerance
ϕ≤8	±0.005
ϕ>8	±0.008

订货编号·Order code

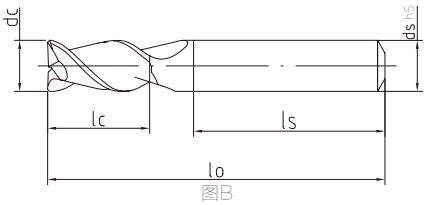
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·□d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSB 2040 0475	D4R2x6xL75xSD4	4	2	6	-	-	-	-	75	4	B	●
AHSB 2040 0650	D4R2x3.2x10xL50xSD6	4	2	3.2	10	3.9	-	11	50	6	A	●
AHSB 2040 0660	D4R2x3.2x10xL60xSD6	4	2	3.2	10	3.9	-	11	60	6	A	●
AHSB 2040 0675	D4R2x3.2x10xL75xSD6	4	2	3.2	10	3.9	-	11	75	6	A	●
AHSB 2040 06100	D4R2x3.2x10xL100xSD6	4	2	3.2	10	3.9	-	11	100	6	A	●
AHSB 2050 0650	D5R2.5x4x12xL50xSD6	5	2.5	4	12	4.85	-	11	50	6	A	●
AHSB 2050 0660	D5R2.5x4x12xL60xSD6	5	2.5	4	12	4.85	-	11	60	6	A	●
AHSB 2050 0675	D5R2.5x4x12xL75xSD6	5	2.5	4	12	4.85	-	11	75	6	A	●
AHSB 2050 06100	D5R2.5x4x12xL100xSD6	5	2.5	4	12	4.85	-	11	100	6	A	●
AHSB 2060 0650	D6R3x9xL50xSD6	6	3	9	-	-	-	-	50	6	B	●
AHSB 2060 0660	D6R3x9xL60xSD6	6	3	9	-	-	-	-	60	6	B	●
AHSB 2060 0675	D6R3x9xL75xSD6	6	3	9	-	-	-	-	75	6	B	●
AHSB 2060 06100	D6R3x9xL100xSD6	6	3	9	-	-	-	-	100	6	B	●
AHSB 2080 0860	D8R4x12xL60xSD8	8	4	12	-	-	-	-	60	8	B	●
AHSB 2080 0875	D8R4x12xL75xSD8	8	4	12	-	-	-	-	75	8	B	●
AHSB 2080 08100	D8R4x12xL100xSD8	8	4	12	-	-	-	-	100	8	B	●
AHSB 2080 08125	D8R4x12xL125xSD8	8	4	12	-	-	-	-	125	8	B	●
AHSB 2080 08150	D8R4x12xL150xSD8	8	4	12	-	-	-	-	150	8	B	●
AHSB 2100 1075	D10R5x15xL75xSD10	10	5	15	-	-	-	-	75	10	B	●
AHSB 2100 10100	D10R5x15xL100xSD10	10	5	15	-	-	-	-	100	10	B	●
AHSB 2100 10125	D10R5x15xL125xSD10	10	5	15	-	-	-	-	125	10	B	●
AHSB 2100 10150	D10R5x15xL150xSD10	10	5	15	-	-	-	-	150	10	B	●
AHSB 2120 1275	D12R6x18xL75xSD12	12	6	18	-	-	-	-	75	12	B	●
AHSB 2120 12100	D12R6x18xL100xSD12	12	6	18	-	-	-	-	100	12	B	●
AHSB 2120 12125	D12R6x18xL125xSD12	12	6	18	-	-	-	-	125	12	B	●
AHSB 2120 12150	D12R6x18xL150xSD12	12	6	18	-	-	-	-	150	12	B	●
AHSB 2160 16100	D16R8x24xL100xSD16	16	8	24	-	-	-	-	100	16	B	●
AHSB 2160 16150	D16R8x24xL150xSD16	16	8	24	-	-	-	-	150	16	B	●

AHNO 阿诺
Cutting Tool Technology

AHSE 2刃平头铣刀



图A



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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
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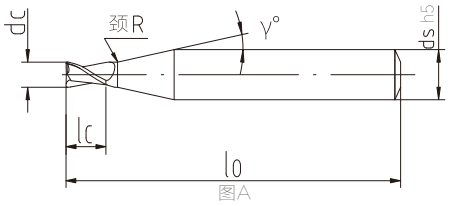
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

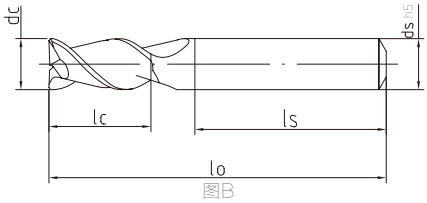
代码 Code	规格型号 Designation	刃径·dc	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSE 2004 0450	D0.4x1.2xL50xSD4	0.4	1.2	2	12	50	4	A	●
AHSE 2005 0450	D0.5x1.5xL50xSD4	0.5	1.5	2	12	50	4	A	●
AHSE 2006 0450	D0.6x1.8xL50xSD4	0.6	1.8	4	12	50	4	A	●
AHSE 2008 0450	D0.8x2.4xL50xSD4	0.8	2.4	4	12	50	4	A	●
AHSE 2010 0450	D1x3xL50xSD4	1	3	4	12	50	4	A	●
AHSE 2010 0650	D1x3xL50xSD6	1	3	4	12	50	6	A	●
AHSE 2015 0450	D1.5x4xL50xSD4	1.5	4	-	11	50	4	A	●
AHSE 2015 0650	D1.5x4xL50xSD6	1.5	4	-	11	50	6	A	●
AHSE 2020 0450	D2x5xL50xSD4	2	5	-	11	50	4	A	●
AHSE 2020 0650	D2x5xL50xSD6	2	5	-	11	50	6	A	●
AHSE 2025 0450	D2.5x6.5xL50xSD4	2.5	6.5	-	11	50	4	A	●
AHSE 2025 0650	D2.5x6.5xL50xSD6	2.5	6.5	-	11	50	6	A	●
AHSE 2030 0450	D3x7.5xL50xSD4	3	7.5	-	11	50	4	A	●
AHSE 2030 0650	D3x7.5xL50xSD6	3	7.5	-	11	50	6	A	●
AHSE 2030 0660	D3x7.5xL60xSD6	3	7.5	-	11	60	6	A	●
AHSE 2030 0675	D3x7.5xL75xSD6	3	7.5	-	11	75	6	A	●
AHSE 2040 0450	D4x10xL50xSD4	4	10	-	-	50	4	B	●
AHSE 2040 0475	D4x10xL75xSD4	4	10	-	-	75	4	B	●
AHSE 2040 0650	D4x10xL50xSD6	4	10	-	11	50	6	A	●
AHSE 2040 0660	D4x10xL60xSD6	4	10	-	11	60	6	A	●
AHSE 2040 0675	D4x10xL75xSD6	4	10	-	11	75	6	A	●
AHSE 2050 0650	D5x12.5xL50xSD6	5	12.5	-	11	50	6	A	●
AHSE 2050 0675	D5x12.5xL75xSD6	5	12.5	-	11	75	6	A	●
AHSE 2060 0650	D6x15xL50xSD6	6	15	-	-	50	6	B	●
AHSE 2060 0660	D6x15xL60xSD6	6	15	-	-	60	6	B	●
AHSE 2060 0675	D6x15xL75xSD6	6	15	-	-	75	6	B	●
AHSE 2060 06100	D6x15xL100xSD6	6	15	-	-	100	6	B	●
AHSE 2080 0860	D8x20xL60xSD8	8	20	-	-	60	8	B	●
AHSE 2080 0875	D8x20xL75xSD8	8	20	-	-	75	8	B	●
AHSE 2080 08100	D8x20xL100xSD8	8	20	-	-	100	8	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSE 2刃平头铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining high hardness materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

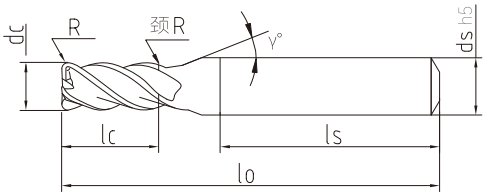
刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

订货编号·Order code

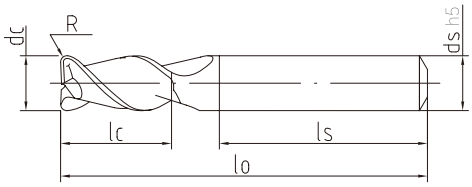
代码 Code	规格型号 Designation	刃径·dc	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSE 2100 1075	D10x25xL75xSD10	10	25	-	-	75	10	B	●
AHSE 2100 10100	D10x25xL100xSD10	10	25	-	-	100	10	B	●
AHSE 2120 1275	D12x30xL75xSD12	12	30	-	-	75	12	B	●
AHSE 2120 12100	D12x30xL100xSD12	12	30	-	-	100	12	B	●
AHSE 2140 1475	D14x35xL75xSD14	14	35	-	-	75	14	B	●
AHSE 2140 14100	D14x35xL100xSD14	14	35	-	-	100	14	B	●
AHSE 2160 16100	D16x40xL100xSD16	16	40	-	-	100	16	B	●
AHSE 2160 16150	D16x40xL150xSD16	16	40	-	-	150	16	B	●
AHSE 2200 20100	D20x50xL100xSD20	20	50	-	-	100	20	B	●
AHSE 2200 20150	D20x50xL150xSD20	20	50	-	-	150	20	B	●

AHNO 阿诺
Cutting Tool Technology

AHSR 2刃圆鼻铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

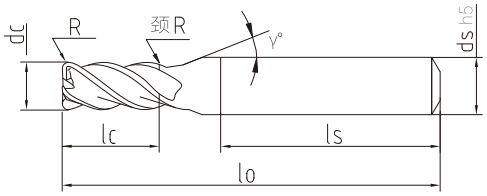
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

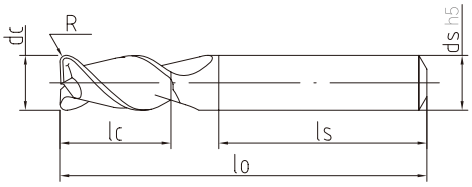
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSR 2010R0.2 0450	D1R0.2x2xL50xSD4	1	0.2	2	4	12	50	4	A	●
AHSR 2015R0.2 0450	D1.5R0.2x3xL50xSD4	1.5	0.2	3	-	11	50	4	A	●
AHSR 2020R0.2 0450	D2R0.2x4xL50xSD4	2	0.2	4	-	11	50	4	A	●
AHSR 2025R0.2 0450	D2.5R0.2x5xL50xSD4	2.5	0.2	5	-	11	50	4	A	●
AHSR 2030R0.2 0450	D3R0.2x6xL50xSD4	3	0.2	6	-	11	50	4	A	●
AHSR 2030R0.2 0650	D3R0.2x6xL50xSD6	3	0.2	6	-	11	50	6	A	●
AHSR 2030R0.2 0660	D3R0.2x6xL60xSD6	3	0.2	6	-	11	60	6	A	●
AHSR 2030R0.2 0675	D3R0.2x6xL75xSD6	3	0.2	6	-	11	75	6	A	●
AHSR 2040R0.2 0450	D4R0.2x8xL50xSD4	4	0.2	8	-	-	50	4	B	●
AHSR 4040R0.5 0460	D4R0.2x8xL60xSD4	4	0.2	8	-	-	60	4	B	●
AHSR 2040R0.2 0475	D4R0.2x8xL75xSD4	4	0.2	8	-	-	75	4	B	●
AHSR 2040R0.2 0650	D4R0.2x8xL50xSD6	4	0.2	8	-	11	50	6	A	●
AHSR 2040R0.2 0660	D4R0.2x8xL60xSD6	4	0.2	8	-	11	60	6	A	●
AHSR 2040R0.2 0675	D4R0.2x8xL75xSD6	4	0.2	8	-	11	75	6	A	●
AHSR 2020R0.5 0450	D2R0.5x4xL50xSD4	2	0.5	4	-	11	50	4	A	●
AHSR 2025R0.5 0450	D2.5R0.5x5xL50xSD4	2.5	0.5	5	-	11	50	4	A	●
AHSR 2030R0.5 0450	D3R0.5x6xL50xSD4	3	0.5	6	-	11	50	4	A	●
AHSR 2030R0.5 0650	D3R0.5x6xL50xSD6	3	0.5	6	-	11	50	6	A	●
AHSR 2030R0.5 0660	D3R0.5x6xL60xSD6	3	0.5	6	-	11	60	6	A	●
AHSR 2030R0.5 0675	D3R0.5x6xL75xSD6	3	0.5	6	-	11	75	6	A	●
AHSR 2040R0.5 0450	D4R0.5x8xL50xSD4	4	0.5	8	-	-	50	4	B	●
AHSR 4040R0.5 0460	D4R0.5x8xL60xSD4	4	0.5	8	-	-	60	4	B	●
AHSR 2040R0.5 0475	D4R0.5x8xL75xSD4	4	0.5	8	-	-	75	4	B	●
AHSR 2040R0.5 0650	D4R0.5x8xL50xSD6	4	0.5	8	-	11	50	6	A	●
AHSR 2040R0.5 0660	D4R0.5x8xL60xSD6	4	0.5	8	-	11	60	6	A	●
AHSR 2040R0.5 0675	D4R0.5x8xL75xSD6	4	0.5	8	-	11	75	6	A	●
AHSR 2060R0.5 0650	D6R0.5x12xL50xSD6	6	0.5	12	-	-	50	6	B	●
AHSR 2060R0.5 0660	D6R0.5x12xL60xSD6	6	0.5	12	-	-	60	6	B	●
AHSR 2060R0.5 0675	D6R0.5x12xL75xSD6	6	0.5	12	-	-	75	6	B	●
AHSR 2060R0.5 06100	D6R0.5x12xL100xSD6	6	0.5	12	-	-	100	6	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSR 2刃圆鼻铣刀



图A



图B

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
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- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

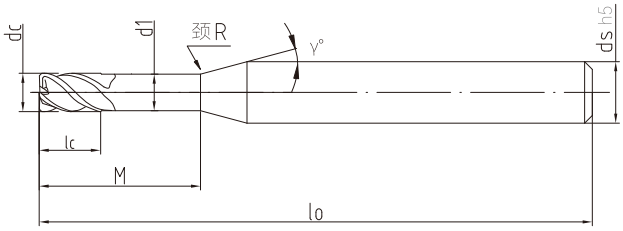
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSR 2080R0.5 0860	D8R0.5x16xL60xSD8	8	0.5	16	-	-	60	8	B	●
AHSR 2080R0.5 0875	D8R0.5x16xL75xSD8	8	0.5	16	-	-	75	8	B	●
AHSR 2080R0.5 08100	D8R0.5x16xL100xSD8	8	0.5	16	-	-	100	8	B	●
AHSR 2100R0.5 1075	D10R0.5x20xL75xSD10	10	0.5	20	-	-	75	10	B	●
AHSR 2100R0.5 10100	D10R0.5x20xL100xSD10	10	0.5	20	-	-	100	10	B	●
AHSR 2120R0.5 1275	D12R0.5x24xL75xSD12	12	0.5	24	-	-	75	12	B	●
AHSR 2120R0.5 12100	D12R0.5x24xL100xSD12	12	0.5	24	-	-	100	12	B	●
AHSR 2040R1.0 0450	D4R1x8xL50xSD4	4	1.0	8	-	-	50	4	B	●
AHSR 4040R1.0 0460	D4R1x8xL75xSD4	4	1.0	8	-	-	75	4	B	●
AHSR 2040R1.0 0475	D4R1x8xL75xSD4	4	1.0	8	-	-	75	4	B	●
AHSR 2040R1.0 0650	D4R1x8xL50xSD6	4	1.0	8	-	11	50	6	A	●
AHSR 2040R1.0 0660	D4R1x8xL60xSD6	4	1.0	8	-	11	60	6	A	●
AHSR 2040R1.0 0675	D4R1x8xL75xSD6	4	1.0	8	-	11	75	6	A	●
AHSR 2060R1.0 0650	D6R1x12xL50xSD6	6	1.0	12	-	-	50	6	B	●
AHSR 2060R1.0 0660	D6R1x12xL60xSD6	6	1.0	12	-	-	60	6	B	●
AHSR 2060R1.0 0675	D6R1x12xL75xSD6	6	1.0	12	-	-	75	6	B	●
AHSR 2060R1.0 06100	D6R1x12xL100xSD6	6	1.0	12	-	-	100	6	B	●
AHSR 2080R1.0 0860	D8R1x16xL60xSD8	8	1.0	16	-	-	60	8	B	●
AHSR 2080R1.0 0875	D8R1x16xL75xSD8	8	1.0	16	-	-	75	8	B	●
AHSR 2080R1.0 08100	D8R1x16xL100xSD8	8	1.0	16	-	-	100	8	B	●
AHSR 2100R1.0 1075	D10R1x20xL75xSD10	10	1.0	20	-	-	75	10	B	●
AHSR 2100R1.0 10100	D10R1x20xL100xSD10	10	1.0	20	-	-	100	10	B	●
AHSR 2120R1.0 1275	D12R1x24xL75xSD12	12	1.0	24	-	-	75	12	B	●
AHSR 2120R1.0 12100	D12R1x24xL100xSD12	12	1.0	24	-	-	100	12	B	●
AHSR 2120R2.0 1275	D12R2x24xL75xSD12	12	2.0	24	-	-	75	12	B	●
AHSR 2120R2.0 12100	D12R2x24xL100xSD12	12	2.0	24	-	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHSEL 4刃长颈平头铣刀



图A

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
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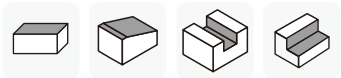
- Excellent surface roughness of the workpiece;
- Designed for high precision milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating



订货编号 · Order code

代码 Code	规格型号 Designation	刃径 · dc	刃长 · lc	有效长 · M	颈径 · □d1	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHSEL 4010L4 0450	D1x0.8x4xL50xSD4	1	0.8	4	0.94	4	12	50	4	A	●
AHSEL 4010L6 0450	D1x0.8x6xL50xSD4	1	0.8	6	0.94	4	12	50	4	A	●
AHSEL 4010L8 0450	D1x0.8x8xL50xSD4	1	0.8	8	0.94	4	12	50	4	A	●
AHSEL 4010L10 0450	D1x0.8x10xL50xSD4	1	0.8	10	0.94	4	12	50	4	A	●
AHSEL 4015L6 0450	D1.5x1.2x6xL50xSD4	1.5	1.2	6	1.42	-	11	50	4	A	●
AHSEL 4015L8 0450	D1.5x1.2x8xL50xSD4	1.5	1.2	8	1.42	-	11	50	4	A	●
AHSEL 4015L10 0450	D1.5x1.2x10xL50xSD4	1.5	1.2	10	1.42	-	11	50	4	A	●
AHSEL 4015L12 0450	D1.5x1.2x12xL50xSD4	1.5	1.2	12	1.42	-	11	50	4	A	●
AHSEL 4020L8 0450	D2x1.6x8xL50xSD4	2	1.6	8	1.9	-	11	50	4	A	●
AHSEL 4020L10 0450	D2x1.6x10xL50xSD4	2	1.6	10	1.9	-	11	50	4	A	●
AHSEL 4020L12 0450	D2x1.6x12xL50xSD4	2	1.6	12	1.9	-	11	50	4	A	●
AHSEL 4020L16 0450	D2x1.6x16xL50xSD4	2	1.6	16	1.9	-	11	50	4	A	●
AHSEL 4025L10 0450	D2.5x2x10xL50xSD4	2.5	2	10	2.4	-	11	50	4	A	●
AHSEL 4025L12 0450	D2.5x2x12xL50xSD4	2.5	2	12	2.4	-	11	50	4	A	●
AHSEL 4025L16 0450	D2.5x2x16xL50xSD4	2.5	2	16	2.4	-	11	50	4	A	●
AHSEL 4025L20 0450	D2.5Rx2x20xL50xSD4	2.5	2	20	2.4	-	11	50	4	A	●
AHSEL 4030L10 0660	D3x2.4x10xL60xSD6	3	2.4	10	2.9	-	11	60	6	A	●
AHSEL 4030L12 0660	D3x2.4x12xL60xSD6	3	2.4	12	2.9	-	11	60	6	A	●
AHSEL 4030L16 0660	D3x2.4x16xL60xSD6	3	2.4	16	2.9	-	11	60	6	A	●
AHSEL 4030L20 0660	D3x2.4x20xL60xSD6	3	2.4	20	2.9	-	11	60	6	A	●
AHSEL 4030L25 0675	D3x2.4x25xL75xSD6	3	2.4	25	2.9	-	11	75	6	A	●
AHSEL 4040L12 0660	D4x3.2x12xL60xSD6	4	3.2	12	3.9	-	11	60	6	A	●
AHSEL 4040L16 0660	D4x3.2x16xL60xSD6	4	3.2	16	3.9	-	11	60	6	A	●
AHSEL 4040L20 0660	D4x3.2x20xL60xSD6	4	3.2	20	3.9	-	11	60	6	A	●
AHSEL 4040L25 0675	D4x3.2x25xL75xSD6	4	3.2	25	3.9	-	11	75	6	A	●
AHSEL 4040L30 0675	D4x3.2x30xL75xSD6	4	3.2	30	3.9	-	11	75	6	A	●

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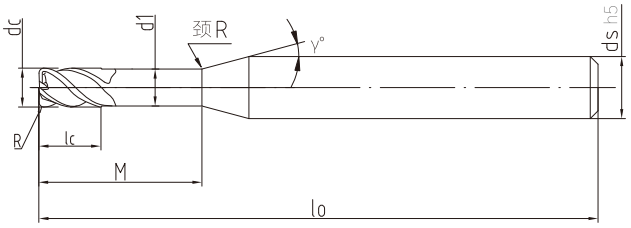
AHSRL 4刃长颈圆鼻铣刀



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3<ϕ≤6	0 ~ -0.012

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UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

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AHSRL 4010R0.1L4 0450	D1R0.1x0.8x4xL50xSD4	1	0.1	0.8	4	0.94	4	12	50	4	A	●
AHSRL 4010R0.1L6 0450	D1R0.1x0.8x6xL50xSD4	1	0.1	0.8	6	0.94	4	12	50	4	A	●
AHSRL 4010R0.1L8 0450	D1R0.1x0.8x8xL50xSD4	1	0.1	0.8	8	0.94	4	12	50	4	A	●
AHSRL 4010R0.1L10 0450	D1R0.1x0.8x10xL50xSD4	1	0.1	0.8	10	0.94	4	12	50	4	A	●
AHSRL 4010R0.2L4 0450	D1R0.2x0.8x4xL50xSD4	1	0.2	0.8	4	0.94	4	12	50	4	A	●
AHSRL 4010R0.2L6 0450	D1R0.2x0.8x6xL50xSD4	1	0.2	0.8	6	0.94	4	12	50	4	A	●
AHSRL 4010R0.2L8 0450	D1R0.2x0.8x8xL50xSD4	1	0.2	0.8	8	0.94	4	12	50	4	A	●
AHSRL 4010R0.2L10 0450	D1R0.2x0.8x10xL50xSD4	1	0.2	0.8	10	0.94	4	12	50	4	A	●
AHSRL 4015R0.1L6 0450	D1.5R0.1x1.2x6xL50xSD4	1.5	0.1	1.2	6	1.42	-	11	50	4	A	●
AHSRL 4015R0.1L8 0450	D1.5R0.1x1.2x8xL50xSD4	1.5	0.1	1.2	8	1.42	-	11	50	4	A	●
AHSRL 4015R0.1L10 0450	D1.5R0.1x1.2x10xL50xSD4	1.5	0.1	1.2	10	1.42	-	11	50	4	A	●
AHSRL 4015R0.1L12 0450	D1.5R0.1x1.2x12xL50xSD4	1.5	0.1	1.2	12	1.42	-	11	50	4	A	●
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AHSRL 4015R0.2L8 0450	D1.5R0.2x1.2x8xL50xSD4	1.5	0.2	1.2	8	1.42	-	11	50	4	A	●
AHSRL 4015R0.2L10 0450	D1.5R0.2x1.2x10xL50xSD4	1.5	0.2	1.2	10	1.42	-	11	50	4	A	●
AHSRL 4015R0.2L12 0450	D1.5R0.2x1.2x12xL50xSD4	1.5	0.2	1.2	12	1.42	-	11	50	4	A	●
AHSRL 4020R0.1L8 0450	D2R0.1x1.6x8xL50xSD4	2	0.1	1.6	8	1.9	-	11	50	4	A	●
AHSRL 4020R0.1L10 0450	D2R0.1x1.6x10xL50xSD4	2	0.1	1.6	10	1.9	-	11	50	4	A	●
AHSRL 4020R0.1L12 0450	D2R0.1x1.6x12xL50xSD4	2	0.1	1.6	12	1.9	-	11	50	4	A	●
AHSRL 4020R0.1L16 0450	D2R0.1x1.6x16xL50xSD4	2	0.1	1.6	16	1.9	-	11	50	4	A	●
AHSRL 4020R0.2L8 0450	D2R0.2x1.6x8xL50xSD4	2	0.2	1.6	8	1.9	-	11	50	4	A	●
AHSRL 4020R0.2L10 0450	D2R0.2x1.6x10xL50xSD4	2	0.2	1.6	10	1.9	-	11	50	4	A	●
AHSRL 4020R0.2L12 0450	D2R0.2x1.6x12xL50xSD4	2	0.2	1.6	12	1.9	-	11	50	4	A	●
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AHSRL 4020R0.5L8 0450	D2R0.5x1.6x8xL50xSD4	2	0.5	1.6	8	1.9	-	11	50	4	A	●
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AHSRL 4030R0.1L10 0660	D3R0.1x2.4x10xL60xSD6	3	0.1	2.4	10	2.9	-	11	60	6	A	●
AHSRL 4030R0.1L12 0660	D3R0.1x2.4x12xL60xSD6	3	0.1	2.4	12	2.9	-	11	60	6	A	●
AHSRL 4030R0.1L16 0660	D3R0.1x2.4x16xL60xSD6	3	0.1	2.4	16	2.9	-	11	60	6	A	●
AHSRL 4030R0.1L20 0660	D3R0.1x2.4x20xL60xSD6	3	0.1	2.4	20	2.9	-	11	60	6	A	●

AHNO 阿诺
Cutting Tool Technology

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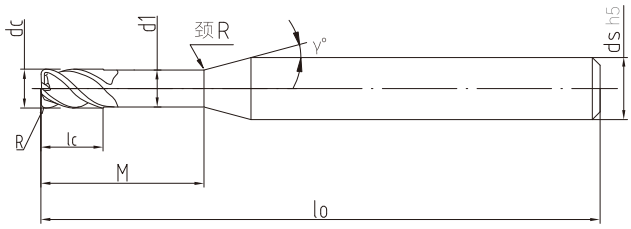

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AHSRL 4030R0.1L25 0675	D3R0.1x2.4x25xL75xSD6	3	0.1	2.4	25	2.9	-	11	75	6	A	●
AHSRL 4030R0.2L10 0660	D3R0.2x2.4x10xL60xSD6	3	0.2	2.4	10	2.9	-	11	60	6	A	●
AHSRL 4030R0.2L12 0660	D3R0.2x2.4x12xL60xSD6	3	0.2	2.4	12	2.9	-	11	60	6	A	●
AHSRL 4030R0.2L16 0660	D3R0.2x2.4x16xL60xSD6	3	0.2	2.4	16	2.9	-	11	60	6	A	●
AHSRL 4030R0.2L20 0660	D3R0.2x2.4x20xL60xSD6	3	0.2	2.4	20	2.9	-	11	60	6	A	●
AHSRL 4030R0.2L25 0675	D3R0.2x2.4x25xL75xSD6	3	0.2	2.4	25	2.9	-	11	75	6	A	●
AHSRL 4030R0.5L10 0660	D3R0.5x2.4x10xL60xSD6	3	0.5	2.4	10	2.9	-	11	60	6	A	●
AHSRL 4030R0.5L12 0660	D3R0.5x2.4x12xL60xSD6	3	0.5	2.4	12	2.9	-	11	60	6	A	●
AHSRL 4030R0.5L16 0660	D3R0.5x2.4x16xL60xSD6	3	0.5	2.4	16	2.9	-	11	60	6	A	●
AHSRL 4030R0.5L20 0660	D3R0.5x2.4x20xL60xSD6	3	0.5	2.4	20	2.9	-	11	60	6	A	●
AHSRL 4030R0.5L25 0675	D3R0.5x2.4x25xL75xSD6	3	0.5	2.4	25	2.9	-	11	75	6	A	●
AHSRL 4040R0.1L12 0660	D4R0.1x3.2x12xL60xSD6	4	0.1	3.2	12	3.9	-	11	60	6	A	●
AHSRL 4040R0.1L16 0660	D4R0.1x3.2x16xL60xSD6	4	0.1	3.2	16	3.9	-	11	60	6	A	●
AHSRL 4040R0.1L20 0660	D4R0.1x3.2x20xL60xSD6	4	0.1	3.2	20	3.9	-	11	60	6	A	●
AHSRL 4040R0.1L25 0675	D4R0.1x3.2x25xL75xSD6	4	0.1	3.2	25	3.9	-	11	75	6	A	●
AHSRL 4040R0.1L30 0675	D4R0.1x3.2x30xL75xSD6	4	0.1	3.2	30	3.9	-	11	75	6	A	●
AHSRL 4040R0.2L12 0660	D4R0.2x3.2x12xL60xSD6	4	0.2	3.2	12	3.9	-	11	60	6	A	●
AHSRL 4040R0.2L16 0660	D4R0.2x3.2x16xL60xSD6	4	0.2	3.2	16	3.9	-	11	60	6	A	●
AHSRL 4040R0.2L20 0660	D4R0.2x3.2x20xL60xSD6	4	0.2	3.2	20	3.9	-	11	60	6	A	●
AHSRL 4040R0.2L25 0675	D4R0.2x3.2x25xL75xSD6	4	0.2	3.2	25	3.9	-	11	75	6	A	●
AHSRL 4040R0.2L30 0675	D4R0.2x3.2x30xL75xSD6	4	0.2	3.2	30	3.9	-	11	75	6	A	●
AHSRL 4040R0.5L12 0660	D4R0.5x3.2x12xL60xSD6	4	0.5	3.2	12	3.9	-	11	60	6	A	●
AHSRL 4040R0.5L16 0660	D4R0.5x3.2x16xL60xSD6	4	0.5	3.2	16	3.9	-	11	60	6	A	●
AHSRL 4040R0.5L20 0660	D4R0.5x3.2x20xL60xSD6	4	0.5	3.2	20	3.9	-	11	60	6	A	●
AHSRL 4040R0.5L25 0675	D4R0.5x3.2x25xL75xSD6	4	0.5	3.2	25	3.9	-	11	75	6	A	●
AHSRL 4040R0.5L30 0675	D4R0.5x3.2x30xL75xSD6	4	0.5	3.2	30	3.9	-	11	75	6	A	●
AHSRL 4040R1.0L12 0660	D4R1x3.2x12xL60xSD6	4	1.0	3.2	12	3.9	-	11	60	6	A	●
AHSRL 4040R1.0L16 0660	D4R1x3.2x16xL60xSD6	4	1.0	3.2	16	3.9	-	11	60	6	A	●
AHSRL 4040R1.0L20 0660	D4R1x3.2x20xL60xSD6	4	1.0	3.2	20	3.9	-	11	60	6	A	●
AHSRL 4040R1.0L25 0675	D4R1x3.2x25xL75xSD6	4	1.0	3.2	25	3.9	-	11	75	6	A	●
AHSRL 4040R1.0L30 0675	D4R1x3.2x30xL75xSD6	4	1.0	3.2	30	3.9	-	11	75	6	A	●

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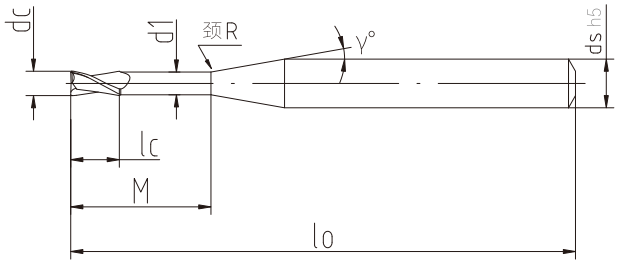
AHSEL 2刃长颈平头铣刀



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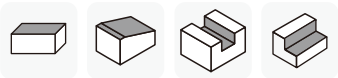

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代码 Code	规格型号 Designation	刃径·dc	刃长·lc	有效长·M	颈径·□d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSEL 2004L2 0450	D0.4x0.3x2xL50xSD4	0.4	0.3	2	0.36	2	12	50	4	A	●
AHSEL 2004L3 0450	D0.4x0.3x3xL50xSD4	0.4	0.3	3	0.36	2	12	50	4	A	●
AHSEL 2005L2 0450	D0.5x0.4x2xL50xSD4	0.5	0.4	2	0.46	2	12	50	4	A	●
AHSEL 2005L3 0450	D0.5x0.4x3xL50xSD4	0.5	0.4	3	0.46	2	12	50	4	A	●
AHSEL 2005L4 0450	D0.5x0.4x4xL50xSD4	0.5	0.4	4	0.46	2	12	50	4	A	●
AHSEL 2006L2 0450	D0.6x0.5x2xL50xSD4	0.6	0.5	2	0.56	4	12	50	4	A	●
AHSEL 2006L3 0450	D0.6x0.5x3xL50xSD4	0.6	0.5	3	0.56	4	12	50	4	A	●
AHSEL 2006L4 0450	D0.6x0.5x4xL50xSD4	0.6	0.5	4	0.56	4	12	50	4	A	●
AHSEL 2008L4 0450	D0.8x0.7x4xL50xSD4	0.8	0.7	4	0.76	4	12	50	4	A	●
AHSEL 2008L6 0450	D0.8x0.7x6xL50xSD4	0.8	0.7	6	0.76	4	12	50	4	A	●
AHSEL 2010L4 0450	D1x0.8x4xL50xSD4	1	0.8	4	0.94	4	12	50	4	A	●
AHSEL 2010L6 0450	D1x0.8x6xL50xSD4	1	0.8	6	0.94	4	12	50	4	A	●
AHSEL 2010L8 0450	D1x0.8x8xL50xSD4	1	0.8	8	0.94	4	12	50	4	A	●
AHSEL 2010L10 0450	D1x0.8x10xL50xSD4	1	0.8	10	0.94	4	12	50	4	A	●
AHSEL 2015L6 0450	D1.5x1.2x6xL50xSD4	1.5	1.2	6	1.42	-	11	50	4	A	●
AHSEL 2015L8 0450	D1.5x1.2x8xL50xSD4	1.5	1.2	8	1.42	-	11	50	4	A	●
AHSEL 2015L10 0450	D1.5x1.2x10xL50xSD4	1.5	1.2	10	1.42	-	11	50	6	A	●
AHSEL 2015L12 0450	D1.5x1.2x12xL50xSD4	1.5	1.2	12	1.42	-	11	50	6	A	●

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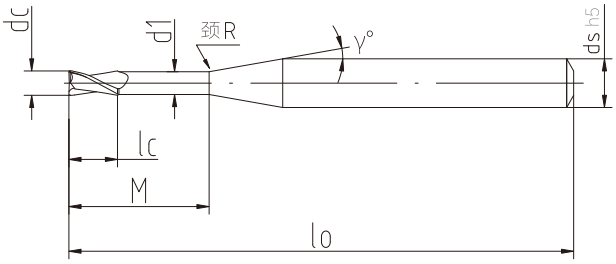

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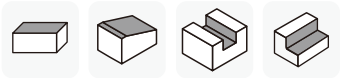
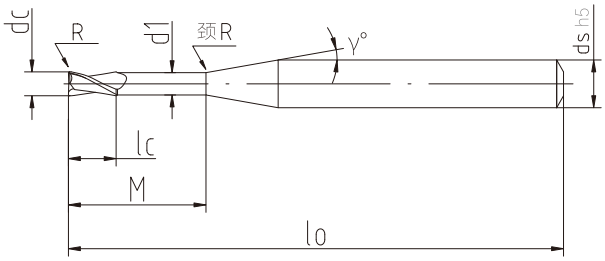


订货编号 · Order code

代码 Code	规格型号 Designation	刃径 · dc	刃长 · lc	有效长 · M	颈径 · □d1	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHSEL 2020L8 0450	D2x1.6x8xL50xSD4	2	1.6	8	1.9	-	11	50	6	A	●
AHSEL 2020L10 0450	D2x1.6x10xL50xSD4	2	1.6	10	1.9	-	11	50	6	A	●
AHSEL 2020L12 0450	D2x1.6x12xL50xSD4	2	1.6	12	1.9	-	11	50	6	A	●
AHSEL 2020L16 0450	D2x1.6x16xL50xSD4	2	1.6	16	1.9	-	11	50	6	A	●
AHSEL 2025L10 0450	D2.5x2x10xL50xSD4	2.5	2	10	2.4	-	11	50	6	A	●
AHSEL 2025L12 0450	D2.5x2x12xL50xSD4	2.5	2	12	2.4	-	11	50	6	A	●
AHSEL 2025L16 0450	D2.5x2x16xL50xSD4	2.5	2	16	2.4	-	11	50	6	A	●
AHSEL 2025L20 0450	D2.5Rx2x20xL50xSD4	2.5	2	20	2.4	-	11	50	6	A	●
AHSEL 2030L10 0660	D3x2.4x10xL60xSD6	3	2.4	10	2.9	-	11	60	6	A	●
AHSEL 2030L12 0660	D3x2.4x12xL60xSD6	3	2.4	12	2.9	-	11	60	6	A	●
AHSEL 2030L16 0660	D3x2.4x16xL60xSD6	3	2.4	16	2.9	-	11	60	6	A	●
AHSEL 2030L20 0660	D3x2.4x20xL60xSD6	3	2.4	20	2.9	-	11	60	6	A	●
AHSEL 2030L25 0675	D3x2.4x25xL75xSD6	3	2.4	25	2.9	-	11	75	6	A	●
AHSEL 2040L12 0660	D4x3.2x12xL60xSD6	4	3.2	12	3.9	-	11	60	6	A	●
AHSEL 2040L16 0660	D4x3.2x16xL60xSD6	4	3.2	16	3.9	-	11	60	6	A	●
AHSEL 2040L20 0660	D4x3.2x20xL60xSD6	4	3.2	20	3.9	-	11	60	6	A	●
AHSEL 2040L25 0675	D4x3.2x25xL75xSD6	4	3.2	25	3.9	-	11	75	6	A	●
AHSEL 2040L30 0675	D4x3.2x30xL75xSD6	4	3.2	30	3.9	-	11	75	6	A	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHSRL 2刃长颈圆鼻铣刀



图A

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining high hardness materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012

刃径 φ.dc	R Tolerance
φ≤4	±0.005

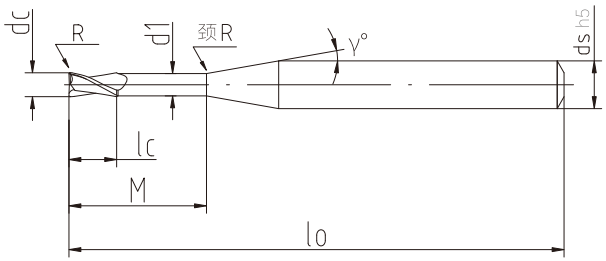
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·□d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSRL 2010R0.1L4 0450	D1R0.1x0.8x4xL50xSD4	1	0.1	0.8	4	0.94	4	12	50	4	A	●
AHSRL 2010R0.1L6 0450	D1R0.1x0.8x6xL50xSD4	1	0.1	0.8	6	0.94	4	12	50	4	A	●
AHSRL 2010R0.1L8 0450	D1R0.1x0.8x8xL50xSD4	1	0.1	0.8	8	0.94	4	12	50	4	A	●
AHSRL 2010R0.1L10 0450	D1R0.1x0.8x10xL50xSD4	1	0.1	0.8	10	0.94	4	12	50	4	A	●
AHSRL 2010R0.2L4 0450	D1R0.2x0.8x4xL50xSD4	1	0.2	0.8	4	0.94	4	12	50	4	A	●
AHSRL 2010R0.2L6 0450	D1R0.2x0.8x6xL50xSD4	1	0.2	0.8	6	0.94	4	12	50	4	A	●
AHSRL 2010R0.2L8 0450	D1R0.2x0.8x8xL50xSD4	1	0.2	0.8	8	0.94	4	12	50	4	A	●
AHSRL 2010R0.2L10 0450	D1R0.2x0.8x10xL50xSD4	1	0.2	0.8	10	0.94	4	12	50	4	A	●
AHSRL 2015R0.1L6 0450	D1.5R0.1x1.2x6xL50xSD4	1.5	0.1	1.2	6	1.42	-	11	50	4	A	●
AHSRL 2015R0.1L8 0450	D1.5R0.1x1.2x8xL50xSD4	1.5	0.1	1.2	8	1.42	-	11	50	4	A	●
AHSRL 2015R0.1L10 0450	D1.5R0.1x1.2x10xL50xSD4	1.5	0.1	1.2	10	1.42	-	11	50	4	A	●
AHSRL 2015R0.1L12 0450	D1.5R0.1x1.2x12xL50xSD4	1.5	0.1	1.2	12	1.42	-	11	50	4	A	●
AHSRL 2015R0.2L6 0450	D1.5R0.2x1.2x6xL50xSD4	1.5	0.2	1.2	6	1.42	-	11	50	4	A	●
AHSRL 2015R0.2L8 0450	D1.5R0.2x1.2x8xL50xSD4	1.5	0.2	1.2	8	1.42	-	11	50	4	A	●
AHSRL 2015R0.2L10 0450	D1.5R0.2x1.2x10xL50xSD4	1.5	0.2	1.2	10	1.42	-	11	50	4	A	●
AHSRL 2015R0.2L12 0450	D1.5R0.2x1.2x12xL50xSD4	1.5	0.2	1.2	12	1.42	-	11	50	4	A	●
AHSRL 2020R0.1L8 0450	D2R0.1x1.6x8xL50xSD4	2	0.1	1.6	8	1.9	-	11	50	4	A	●
AHSRL 2020R0.1L10 0450	D2R0.1x1.6x10xL50xSD4	2	0.1	1.6	10	1.9	-	11	50	4	A	●
AHSRL 2020R0.1L12 0450	D2R0.1x1.6x12xL50xSD4	2	0.1	1.6	12	1.9	-	11	50	4	A	●
AHSRL 2020R0.1L16 0450	D2R0.1x1.6x16xL50xSD4	2	0.1	1.6	16	1.9	-	11	50	4	A	●
AHSRL 2020R0.2L8 0450	D2R0.2x1.6x8xL50xSD4	2	0.2	1.6	8	1.9	-	11	50	4	A	●
AHSRL 2020R0.2L10 0450	D2R0.2x1.6x10xL50xSD4	2	0.2	1.6	10	1.9	-	11	50	4	A	●
AHSRL 2020R0.2L12 0450	D2R0.2x1.6x12xL50xSD4	2	0.2	1.6	12	1.9	-	11	50	4	A	●
AHSRL 2020R0.2L16 0450	D2R0.2x1.6x16xL50xSD4	2	0.2	1.6	16	1.9	-	11	50	4	A	●
AHSRL 2020R0.5L8 0450	D2R0.5x1.6x8xL50xSD4	2	0.5	1.6	8	1.9	-	11	50	4	A	●
AHSRL 2020R0.5L10 0450	D2R0.5x1.6x10xL50xSD4	2	0.5	1.6	10	1.9	-	11	50	4	A	●
AHSRL 2020R0.5L12 0450	D2R0.5x1.6x12xL50xSD4	2	0.5	1.6	12	1.9	-	11	50	4	A	●
AHSRL 2020R0.5L16 0450	D2R0.5x1.6x16xL50xSD4	2	0.5	1.6	16	1.9	-	11	50	4	A	●
AHSRL 2030R0.1L10 0660	D3R0.1x2.4x10xL60xSD6	3	0.1	2.4	10	2.9	-	11	60	6	A	●
AHSRL 2030R0.1L12 0660	D3R0.1x2.4x12xL60xSD6	3	0.1	2.4	12	2.9	-	11	60	6	A	●
AHSRL 2030R0.1L16 0660	D3R0.1x2.4x16xL60xSD6	3	0.1	2.4	16	2.9	-	11	60	6	A	●
AHSRL 2030R0.1L20 0660	D3R0.1x2.4x20xL60xSD6	3	0.1	2.4	20	2.9	-	11	60	6	A	●

AHNO 阿诺
Cutting Tool Technology

AHSRL 2刃长颈圆鼻铣刀



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AHSRL 2030R0.1L25 0675	D3R0.1x2.4x25xL75xSD6	3	0.1	2.4	25	2.9	-	11	75	6	A	●
AHSRL 2030R0.2L10 0660	D3R0.2x2.4x10xL60xSD6	3	0.2	2.4	10	2.9	-	11	60	6	A	●
AHSRL 2030R0.2L12 0660	D3R0.2x2.4x12xL60xSD6	3	0.2	2.4	12	2.9	-	11	60	6	A	●
AHSRL 2030R0.2L16 0660	D3R0.2x2.4x16xL60xSD6	3	0.2	2.4	16	2.9	-	11	60	6	A	●
AHSRL 2030R0.2L20 0660	D3R0.2x2.4x20xL60xSD6	3	0.2	2.4	20	2.9	-	11	60	6	A	●
AHSRL 2030R0.2L25 0675	D3R0.2x2.4x25xL75xSD6	3	0.2	2.4	25	2.9	-	11	75	6	A	●
AHSRL 2030R0.5L10 0660	D3R0.5x2.4x10xL60xSD6	3	0.5	2.4	10	2.9	-	11	60	6	A	●
AHSRL 2030R0.5L12 0660	D3R0.5x2.4x12xL60xSD6	3	0.5	2.4	12	2.9	-	11	60	6	A	●
AHSRL 2030R0.5L16 0660	D3R0.5x2.4x16xL60xSD6	3	0.5	2.4	16	2.9	-	11	60	6	A	●
AHSRL 2030R0.5L20 0660	D3R0.5x2.4x20xL60xSD6	3	0.5	2.4	20	2.9	-	11	60	6	A	●
AHSRL 2030R0.5L25 0675	D3R0.5x2.4x25xL75xSD6	3	0.5	2.4	25	2.9	-	11	75	6	A	●
AHSRL 2040R0.1L12 0660	D4R0.1x3.2x12xL60xSD6	4	0.1	3.2	12	3.9	-	11	60	6	A	●
AHSRL 2040R0.1L16 0660	D4R0.1x3.2x16xL60xSD6	4	0.1	3.2	16	3.9	-	11	60	6	A	●
AHSRL 2040R0.1L20 0660	D4R0.1x3.2x20xL60xSD6	4	0.1	3.2	20	3.9	-	11	60	6	A	●
AHSRL 2040R0.1L25 0675	D4R0.1x3.2x25xL75xSD6	4	0.1	3.2	25	3.9	-	11	75	6	A	●
AHSRL 2040R0.1L30 0675	D4R0.1x3.2x30xL75xSD6	4	0.1	3.2	30	3.9	-	11	75	6	A	●
AHSRL 2040R0.2L12 0660	D4R0.2x3.2x12xL60xSD6	4	0.2	3.2	12	3.9	-	11	60	6	A	●
AHSRL 2040R0.2L16 0660	D4R0.2x3.2x16xL60xSD6	4	0.2	3.2	16	3.9	-	11	60	6	A	●
AHSRL 2040R0.2L20 0660	D4R0.2x3.2x20xL60xSD6	4	0.2	3.2	20	3.9	-	11	60	6	A	●
AHSRL 2040R0.2L25 0675	D4R0.2x3.2x25xL75xSD6	4	0.2	3.2	25	3.9	-	11	75	6	A	●
AHSRL 2040R0.2L30 0675	D4R0.2x3.2x30xL75xSD6	4	0.2	3.2	30	3.9	-	11	75	6	A	●
AHSRL 2040R0.5L12 0660	D4R0.5x3.2x12xL60xSD6	4	0.5	3.2	12	3.9	-	11	60	6	A	●
AHSRL 2040R0.5L16 0660	D4R0.5x3.2x16xL60xSD6	4	0.5	3.2	16	3.9	-	11	60	6	A	●
AHSRL 2040R0.5L20 0660	D4R0.5x3.2x20xL60xSD6	4	0.5	3.2	20	3.9	-	11	60	6	A	●
AHSRL 2040R0.5L25 0675	D4R0.5x3.2x25xL75xSD6	4	0.5	3.2	25	3.9	-	11	75	6	A	●
AHSRL 2040R0.5L30 0675	D4R0.5x3.2x30xL75xSD6	4	0.5	3.2	30	3.9	-	11	75	6	A	●
AHSRL 2040R1.0L12 0660	D4R1x3.2x12xL60xSD6	4	1.0	3.2	12	3.9	-	11	60	6	A	●
AHSRL 2040R1.0L16 0660	D4R1x3.2x16xL60xSD6	4	1.0	3.2	16	3.9	-	11	60	6	A	●
AHSRL 2040R1.0L20 0660	D4R1x3.2x20xL60xSD6	4	1.0	3.2	20	3.9	-	11	60	6	A	●
AHSRL 2040R1.0L25 0675	D4R1x3.2x25xL75xSD6	4	1.0	3.2	25	3.9	-	11	75	6	A	●
AHSRL 2040R1.0L30 0675	D4R1x3.2x30xL75xSD6	4	1.0	3.2	30	3.9	-	11	75	6	A	●

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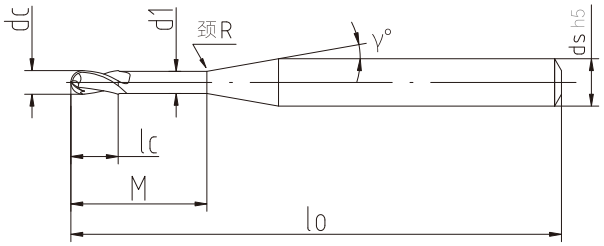

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ϕ≤3	0 ~ -0.010
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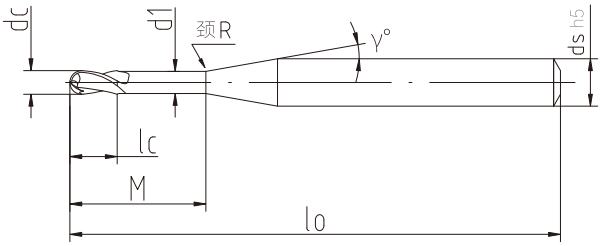
AHSBL 2004L2 0450	D0.4R0.2x0.3x2xL50xSD4	0.4	0.2	0.3	2	0.36	2	15	50	4	A	●
AHSBL 2004L3 0450	D0.4R0.2x0.3x3xL50xSD4	0.4	0.2	0.3	3	0.36	2	15	50	4	A	●
AHSBL 2005L2 0450	D0.5R0.25x0.4x2xL50xSD4	0.5	0.25	0.4	2	0.46	2	15	50	4	A	●
AHSBL 2005L3 0450	D0.5R0.25x0.4x3xL50xSD4	0.5	0.25	0.4	3	0.46	2	12	50	4	A	●
AHSBL 2005L4 0450	D0.5R0.25x0.4x4xL50xSD4	0.5	0.25	0.4	4	0.46	2	12	50	4	A	●
AHSBL 2006L2 0450	D0.6R0.3x0.5x2xL50xSD4	0.6	0.3	0.5	2	0.56	4	12	50	4	A	●
AHSBL 2006L3 0450	D0.6R0.3x0.5x3xL50xSD4	0.6	0.3	0.5	3	0.56	4	12	50	4	A	●
AHSBL 2006L4 0450	D0.6R0.3x0.5x4xL50xSD4	0.6	0.3	0.5	4	0.56	4	12	50	4	A	●
AHSBL 2008L4 0450	D0.8R0.4x0.7x4xL50xSD4	0.8	0.4	0.7	4	0.76	4	12	50	4	A	●
AHSBL 2008L6 0450	D0.8R0.4x0.7x6xL50xSD4	0.8	0.4	0.7	6	0.76	4	12	50	4	A	●
AHSBL 2010L4 0450	D1R0.5x0.8x4xL50xSD4	1	0.5	0.8	4	0.94	4	12	50	4	A	●
AHSBL 2010L4 0660	D1R0.5x0.8x4xL60xSD6	1	0.5	0.8	4	0.94	4	12	60	6	A	●
AHSBL 2010L6 0450	D1R0.5x0.8x6xL50xSD4	1	0.5	0.8	6	0.94	4	12	50	4	A	●
AHSBL 2010L6 0660	D1R0.5x0.8x6xL60xSD6	1	0.5	0.8	6	0.94	4	12	60	6	A	●
AHSBL 2010L8 0450	D1R0.5x0.8x8xL50xSD4	1	0.5	0.8	8	0.94	4	12	50	4	A	●
AHSBL 2010L8 0660	D1R0.5x0.8x8xL60xSD6	1	0.5	0.8	8	0.94	4	12	60	6	A	●
AHSBL 2010L10 0450	D1R0.5x0.8x10xL50xSD4	1	0.5	0.8	10	0.94	4	12	50	4	A	●
AHSBL 2010L10 0660	D1R0.5x0.8x10xL60xSD6	1	0.5	0.8	10	0.94	4	12	60	6	A	●
AHSBL 2015L6 0450	D1.5R0.75x1.2x6xL50xSD4	1.5	0.75	1.2	6	1.42	-	11	50	4	A	●
AHSBL 2015L6 0660	D1.5R0.75x1.2x6xL60xSD6	1.5	0.75	1.2	6	1.42	-	11	60	6	A	●
AHSBL 2015L8 0450	D1.5R0.75x1.2x8xL50xSD4	1.5	0.75	1.2	8	1.42	-	11	50	4	A	●
AHSBL 2015L8 0660	D1.5R0.75x1.2x8xL60xSD6	1.5	0.75	1.2	8	1.42	-	11	60	6	A	●
AHSBL 2015L10 0450	D1.5R0.75x1.2x10xL50xSD4	1.5	0.75	1.2	10	1.42	-	11	50	4	A	●
AHSBL 2015L10 0660	D1.5R0.75x1.2x10xL60xSD6	1.5	0.75	1.2	10	1.42	-	11	60	6	A	●
AHSBL 2015L12 0450	D1.5R0.75x1.2x12xL50xSD4	1.5	0.75	1.2	12	1.42	-	11	50	4	A	●
AHSBL 2015L12 0660	D1.5R0.75x1.2x12xL60xSD6	1.5	0.75	1.2	12	1.42	-	11	60	6	A	●

AHNO 阿诺
Cutting Tool Technology

AHSBL 2刃长颈球头铣刀



图A

- 专为加工高硬度材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，适用于干式切削或微润滑高速切削；
- 卓越的工件表面粗糙度；
- 高精度球头为精加工铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining high hardness materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision ball-end is designed for finishing milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012

刃径 φ.dc	R Tolerance
φ≤5	±0.005

UMG 硬质合金 Carbide | 30° | 直线后角 Straight Relief Angle | 50~65 HRC | Y 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·□d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHSBL 2020L6 0450	D2R1x1.6x6xL50xSD4	2	1	1.6	6	1.9	-	11	50	4	A	●
AHSBL 2020L8 0450	D2R1x1.6x8xL50xSD4	2	1	1.6	8	1.9	-	11	50	4	A	●
AHSBL 2020L8 0660	D2R1x1.6x8xL60xSD6	2	1	1.6	8	1.9	-	11	60	6	A	●
AHSBL 2020L10 0450	D2R1x1.6x10xL50xSD4	2	1	1.6	10	1.9	-	11	50	4	A	●
AHSBL 2020L10 0660	D2R1x1.6x10xL60xSD6	2	1	1.6	10	1.9	-	11	60	6	A	●
AHSBL 2020L12 0450	D2R1x1.6x12xL50xSD4	2	1	1.6	12	1.9	-	11	50	4	A	●
AHSBL 2020L12 0660	D2R1x1.6x12xL60xSD6	2	1	1.6	12	1.9	-	11	60	6	A	●
AHSBL 2020L16 0450	D2R1x1.6x16xL50xSD4	2	1	1.6	16	1.9	-	11	50	4	A	●
AHSBL 2020L16 0660	D2R1x1.6x16xL60xSD6	2	1	1.6	16	1.9	-	11	60	6	A	●
AHSBL 2025L8 0450	D2.5R1.25x2x8xL50xSD4	2.5	1.25	2	8	2.4	-	11	50	4	A	●
AHSBL 2025L10 0450	D2.5R1.25x2x10xL50xSD4	2.5	1.25	2	10	2.4	-	11	50	4	A	●
AHSBL 2025L12 0450	D2.5R1.25x2x12xL50xSD4	2.5	1.25	2	12	2.4	-	11	50	4	A	●
AHSBL 2025L16 0450	D2.5R1.25x2x16xL50xSD4	2.5	1.25	2	16	2.4	-	11	50	4	A	●
AHSBL 2030L10 0660	D3R1.5x2.4x10xL60xSD6	3	1.5	2.4	10	2.9	-	11	60	6	A	●
AHSBL 2030L12 0660	D3R1.5x2.4x12xL60xSD6	3	1.5	2.4	12	2.9	-	11	60	6	A	●
AHSBL 2030L16 0660	D3R1.5x2.4x16xL60xSD6	3	1.5	2.4	16	2.9	-	11	60	6	A	●
AHSBL 2030L20 0660	D3R1.5x2.4x20xL60xSD6	3	1.5	2.4	20	2.9	-	11	60	6	A	●
AHSBL 2030L25 0675	D3R1.5x2.4x25xL75xSD6	3	1.5	2.4	25	2.9	-	11	75	6	A	●
AHSBL 2040L12 0660	D4R2x3.2x12xL60xSD6	4	2	3.2	12	3.9	-	11	60	6	A	●
AHSBL 2040L16 0660	D4R2x3.2x16xL60xSD6	4	2	3.2	16	3.9	-	11	60	6	A	●
AHSBL 2040L20 0660	D4R2x3.2x20xL60xSD6	4	2	3.2	20	3.9	-	11	60	6	A	●
AHSBL 2040L25 0675	D4R2x3.2x25xL75xSD6	4	2	3.2	25	3.9	-	11	75	6	A	●
AHSBL 2040L30 0675	D4R2x3.2x30xL75xSD6	4	2	3.2	30	3.9	-	11	75	6	A	●
AHSBL 2050L16 0660	D5R2.5x4x16xL60xSD6	5	2.5	4	16	4.85	-	11	60	6	A	●
AHSBL 2050L20 0660	D5R2.5x4x20xL60xSD6	5	2.5	4	20	4.85	-	11	60	6	A	●
AHSBL 2050L25 0675	D5R2.5x4x25xL75xSD6	5	2.5	4	25	4.85	-	11	75	6	A	●
AHSBL 2050L30 0675	D5R2.5x4x30xL75xSD6	5	2.5	4	30	4.85	-	11	75	6	A	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

切削参数-AHS系列

AHSEF 4刃平头铣刀 AHSEF 4-edge flat end milling cutter

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSEF 4010	15000	250	2	0.05	12000	200	2	0.03
AHSEF 4015	12000	300	3	0.05	10000	250	3	0.03
AHSEF 4020	10000	350	4	0.05	8500	300	4	0.04
AHSEF 4025	8500	400	5	0.05	7000	350	5	0.04
AHSEF 4030	7500	450	6	0.05	5000	400	6	0.04
AHSEF 4040	5800	550	8	0.05	4000	440	8	0.04
AHSEF 4050	5000	580	10	0.1	3800	480	10	0.04
AHSEF 4060	4500	600	12	0.1	3400	500	12	0.05
AHSEF 4080	3800	600	16	0.1	2800	530	16	0.05
AHSEF 4100	3500	550	20	0.1	2500	500	20	0.05
AHSEF 4120	2800	500	24	0.1	2200	450	24	0.05
AHSEF 4140	2500	500	28	0.1	2000	400	28	0.05
AHSEF 4160	2200	450	32	0.1	1800	400	32	0.05
AHSEF 4200	2000	400	40	0.1	1500	350	40	0.05

AHSE 4刃平头铣刀 AHSE 4-edge flat end milling cutter

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSE 4010	15000	250	2	0.05	12000	200	2	0.03
AHSE 4015	12000	300	3	0.05	10000	250	3	0.03
AHSE 4020	10000	350	4	0.05	8500	300	4	0.04
AHSE 4025	8500	400	5	0.05	7000	350	5	0.04
AHSE 4030	7500	450	6	0.05	5000	400	6	0.04
AHSE 4040	5800	550	8	0.05	4000	440	8	0.04
AHSE 4050	5000	580	10	0.1	3800	480	10	0.04
AHSE 4060	4500	600	12	0.1	3400	500	12	0.05
AHSE 4080	3800	600	16	0.1	2800	530	16	0.05
AHSE 4100	3500	550	20	0.1	2500	500	20	0.05
AHSE 4120	2800	500	24	0.1	2200	450	24	0.05
AHSE 4140	2500	500	28	0.1	2000	400	28	0.05
AHSE 4160	2200	450	32	0.1	1800	400	32	0.05
AHSE 4200	2000	400	40	0.1	1500	350	40	0.05

AHSE 6刃平头铣刀 AHSE 6-edge flat end milling cutter

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSE 6060	4000	870	15	0.1	3200	600	15	0.05
AHSE 6080	3500	900	18	0.1	2800	600	18	0.05
AHSE 6100	2800	850	25	0.1	2240	600	25	0.05
AHSE 6120	2500	800	30	0.1	2000	500	30	0.05
AHSE 6140	2200	750	30	0.1	2000	500	30	0.05
AHSE 6160	2200	750	35	0.1	1760	500	35	0.05
AHSE 6200	2000	700	40	0.1	1600	400	40	0.05

切削参数-AHS系列

AHSRF 4刃圆鼻铣刀-侧铣 AHSRF 4-edge round nose milling cutter-Side milling

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65）Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSRF 4010R_	10000	600	0.05	0.03	9000	500	0.03	0.03
AHSRF 4015R_	9500	800	0.05	0.03	8800	600	0.03	0.03
AHSRF 4020R_	9000	1500	0.1	0.05	8500	1000	0.03	0.03
AHSRF 4030R_	8500	2000	0.1	0.05	8000	1200	0.04	0.04
AHSRF 4040R_	8000	2000	0.2	0.05	7200	1500	0.05	0.04
AHSRF 4060R_	6000	2500	0.2	0.08	4500	2000	0.1	0.05
AHSRF 4080R_	5000	3000	0.2	0.1	3600	2500	0.1	0.05
AHSRF 4100R_	4500	3000	0.2	0.1	2800	2500	0.2	0.05
AHSRF 4120R_	4000	3000	0.2	0.1	2400	2000	0.2	0.05

AHSRF 4刃圆鼻铣刀-侧铣 AHSRF 4-edge round nose milling cutter-Side milling

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65）Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSR 4010R_	10000	600	0.05	0.03	9000	500	0.03	0.03
AHSR 4015R_	9500	800	0.05	0.03	8800	600	0.03	0.03
AHSR 4020R_	9000	1500	0.1	0.05	8500	1000	0.03	0.03
AHSR 4030R_	8500	2000	0.1	0.05	8000	1200	0.04	0.04
AHSR 4040R_	8000	2000	0.2	0.05	7200	1500	0.05	0.04
AHSR 4060R_	6000	2500	0.2	0.08	4500	2000	0.1	0.05
AHSR 4080R_	5000	3000	0.2	0.1	3600	2500	0.1	0.05
AHSR 4100R_	4500	3000	0.2	0.1	2800	2500	0.2	0.05
AHSR 4120R_	4000	3000	0.2	0.1	2400	2000	0.2	0.05

AHSRP 4刃短刃圆鼻铣刀-侧铣 AHSRP 4-edge short edge round nose milling cutter-Side milling

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65）Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSRP 4010R_	10000	600	0.05	0.03	9000	500	0.03	0.03
AHSRP 4015R_	9500	800	0.05	0.03	8800	600	0.03	0.03
AHSRP 4020R_	9000	1500	0.1	0.05	8500	1000	0.03	0.03
AHSRP 4030R_	8500	2000	0.1	0.05	8000	1200	0.04	0.04
AHSRP 4040R_	8000	2000	0.2	0.05	7200	1500	0.05	0.04
AHSRP 4060R_	6000	2500	0.2	0.08	4500	2000	0.1	0.05
AHSRP 4080R_	5000	3000	0.2	0.1	3600	2500	0.1	0.05
AHSRP 4100R_	4500	3000	0.2	0.1	2800	2500	0.2	0.05
AHSRP 4120R_	4000	3000	0.2	0.1	2400	2000	0.2	0.05

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

切削参数-AHS系列

AHSR 4刃圆鼻铣刀-平面精铣 AHSR 4-flute End Mills with Corner Radius-Surface finishing milling

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSR 4060R_	6000	600	0.05	3.5	4500	500	0.04	3.5
AHSR 4080R_	5000	800	0.05	4.5	4200	600	0.04	4.5
AHSR 4100R_	4500	1000	0.06	6	2800	700	0.05	6
AHSR 4120R_	4000	1200	0.06	8	2400	800	0.05	8

AHSR 6刃圆鼻铣刀-侧铣 AHSR 6-flute End Mills with Corner Radius -Side milling

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSR 6060R_	4000	870	15	0.1	3200	600	15	0.05
AHSR 6080R_	3500	900	18	0.1	2800	600	18	0.05
AHSR 6100R_	2800	850	25	0.1	2240	600	25	0.05
AHSR 6120R_	2500	800	30	0.1	2000	500	30	0.05

AHSR 6刃圆鼻铣刀-平面精铣 AHSR 6-flute End Mills with Corner Radius -Surface finishing milling

被削材 Material	淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSR 6060R_	6000	600	0.05	3.5	4500	500	0.04	3.5
AHSR 6080R_	5000	800	0.05	4.5	4200	600	0.04	4.5
AHSR 6100R_	4500	1000	0.06	6	2800	700	0.05	6
AHSR 6120R_	4000	1200	0.06	8	2400	800	0.05	8

AHSRK 4刃强力型圆鼻铣刀 AHSRK 4-flute High-feed End Mills with Corner Radius

被削材 Material	淬火钢（HRC46～55）Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSRK 4030R_	10400	1600	0.1	1.8
AHSRK 4040R_	9600	2160	0.1	2.4
AHSRK 4050R_	8000	2200	0.1	3
AHSRK 4060R_	7000	2400	0.15	3.6
AHSRK 4080R_	6300	2400	0.15	4.8
AHSRK 40100R_	5000	2400	0.2	6
AHSRK 40120R_	4500	2000	0.2	8

切削参数-AHS系列

AHSB 2刃球头铣刀 AHSB 2-flute Ballnose End Mills

被削材 Material	淬火钢（HRC46～55） Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSB 2004	26500	540	0.03	0.03	24000	500	0.02	0.03
AHSB 2005	24000	650	0.03	0.03	21000	600	0.02	0.03
AHSB 2006	21000	720	0.03	0.03	19000	650	0.03	0.03
AHSB 2008	19000	900	0.04	0.04	17000	800	0.03	0.04
AHSB 2010	17000	1100	0.04	0.04	15000	980	0.03	0.04
AHSB 2015	15000	1350	0.05	0.05	13500	1200	0.04	0.05
AHSB 2020	14060	1404	0.04	0.06	12654	1263.6	0.04	0.06
AHSB 2025	13680	1512	0.04	0.08	12312	1360.8	0.04	0.08
AHSB 2030	12350	1800	0.04	0.08	11115	1620	0.04	0.08
AHSB 2040	11400	2160	0.05	0.1	10260	1944	0.05	0.1
AHSB 2050	9500	2250	0.05	0.1	8550	2025	0.05	0.1
AHSB 2060	8550	2520	0.05	0.12	7695	2268	0.05	0.12
AHSB 2080	7600	2700	0.05	0.15	6840	2430	0.05	0.15
AHSB 2100	6840	2700	0.08	0.2	6156	2430	0.08	0.2
AHSB 2120	6080	2700	0.08	0.25	5472	2430	0.08	0.2
AHSB 2160	5700	3240	0.1	0.25	5130	2916	0.1	0.2

AHSE 2刃平头铣刀 AHSE 2-flute End Mills

被削材 Material	淬火钢（HRC46～55） Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSE 2004	28000	250	0.03	0.28	22500	175	0.03	0.28
AHSE 2005	25000	300	0.03	0.3	20000	210	0.03	0.3
AHSE 2006	22000	350	0.04	0.42	17500	250	0.04	0.42
AHSE 2008	20000	400	0.04	0.56	16000	280	0.04	0.56
AHSE 2010	18000	500	0.05	0.7	12000	400	0.03	0.7
AHSE 2015	15000	600	0.05	1.05	10000	480	0.03	1.05
AHSE 2020	12500	750	0.05	1.5	8500	600	0.04	1.5
AHSE 2025	10000	1000	0.05	1.75	7000	800	0.04	1.75
AHSE 2030	8000	1000	0.05	2.1	5000	800	0.04	2.1
AHSE 2040	6500	2000	0.05	2.8	4000	1600	0.04	2.8
AHSE 2050	6000	1000	0.1	3.5	3800	480	0.04	3.5
AHSE 2060	5000	600	0.1	4.2	3400	480	0.05	4.2
AHSE 2080	4500	600	0.1	5.6	2800	400	0.05	5.6
AHSE 2100	4000	500	0.1	7	2500	400	0.05	7
AHSE 2120	3500	500	0.1	8.4	2200	400	0.05	8.4
AHSE 2140	3000	500	0.1	9.6	2000	400	0.05	9.6
AHSE 2160	2800	500	0.1	11.2	1800	400	0.05	11.2
AHSE 2200	2500	500	0.1	14	1500	400	0.05	14

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

切削参数-AHS系列

AHSR 2刃圆鼻铣刀 AHSR 2-flute End Mills with Corner Radius

被削材 Material	淬火钢（HRC46～55） Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSR 2010R_	11600	300	0.05	0.03	9000	250	0.03	0.03
AHSR 2015R_	9500	400	0.05	0.03	8800	300	0.03	0.03
AHSR 2020R_	9000	750	0.1	0.05	8500	500	0.03	0.03
AHSR 2025R_	8800	750	0.1	0.05	8200	500	0.03	0.03
AHSR 2030R_	8500	1000	0.1	0.05	8000	600	0.04	0.04
AHSR 2040R_	8000	1000	0.2	0.05	7200	750	0.05	0.04
AHSR 2060R_	6000	1000	0.2	0.08	4500	1000	0.1	0.05
AHSR 2080R_	5000	1250	0.2	0.1	3600	1250	0.1	0.05
AHSR 2100R_	4500	1500	0.2	0.1	2800	1250	0.2	0.05
AHSR 2120R_	4000	1500	0.2	0.1	2400	1000	0.2	0.05

AHSEL 4刃长颈平头铣刀 AHSEL 4-flute End Mills with Neck Increased

被削材 Material		淬火钢（HRC46～55） Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type		转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSEL 4010L	4	22000	1100	0.05	0.6	19000	800	0.03	0.6
	6	18000	750	0.04	0.6	15000	600	0.02	0.6
	8	15000	600	0.03	0.6	13000	500	0.02	0.6
	10	14000	520	0.02	0.6	12000	400	0.01	0.6
AHSEL 4015L	6	16000	1100	0.07	0.9	13500	800	0.05	0.9
	8	14000	900	0.06	0.9	12000	700	0.04	0.9
	10	13000	780	0.05	0.9	11000	600	0.03	0.9
	12	12000	670	0.04	0.9	10000	500	0.03	0.9
AHSEL 4020L	8	13000	1200	0.09	1.2	11100	900	0.063	1.2
	10	13000	1100	0.08	1.2	11100	800	0.056	1.2
	12	12000	1000	0.07	1.2	10200	800	0.049	1.2
	16	10000	750	0.05	1.2	8500	600	0.035	1.2
AHSEL 4025L	10	11000	1250	0.11	1.5	9400	900	0.077	1.5
	12	11000	1100	0.1	1.5	9400	800	0.07	1.5
	16	9000	850	0.07	1.5	7700	600	0.049	1.5
	20	7000	600	0.05	1.5	6000	500	0.035	1.5
AHSEL 4030L	10	9000	1350	0.14	1.8	7700	1000	0.098	1.8
	12	9000	1200	0.12	1.8	7700	900	0.084	1.8
	16	8000	900	0.09	1.8	6800	700	0.063	1.8
	20	7000	680	0.07	1.8	6000	500	0.049	1.8
	25	6000	570	0.06	1.8	5100	400	0.042	1.8
AHSEL 4040L	12	6000	1300	0.25	2.4	5100	1000	0.175	2.4
	16	6000	1200	0.2	2.4	5100	900	0.14	2.4
	20	6000	1100	0.15	2.4	5100	800	0.105	2.4
	25	5000	900	0.1	2.4	4300	700	0.07	2.4
	30	5000	800	0.080	2.4	4300	600	0.056	2.4

切削参数-AHS系列

AHSRL 4刃长颈圆鼻铣刀 AHSRL 4-flute End Mills with Neck Increased & Corner Radius

被削材 Material		淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65）Hardened Steel			
型号 type		转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSRL 4010R_L	4	25000	960	0.03	0.03	20000	840	0.03	0.03
	6	25000	800	0.02	0.03	20000	700	0.02	0.03
	8	18000	720	0.02	0.02	16000	630	0.02	0.02
	10	16000	640	0.01	0.02	14000	560	0.01	0.02
AHSRL 4015R_L	6	18000	960	0.02	0.04	14000	840	0.02	0.04
	8	18000	800	0.02	0.04	14000	700	0.02	0.04
	10	18000	800	0.01	0.03	14000	700	0.01	0.03
	12	18000	640	0.01	0.03	14000	560	0.01	0.03
AHSRL 2020R_L	8	16000	1280	0.033	0.04	12000	1120	0.03	0.04
	10	16000	1120	0.033	0.04	12000	980	0.03	0.04
	12	16000	960	0.022	0.03	12000	840	0.02	0.03
	16	16000	800	0.017	0.03	12000	700	0.015	0.03
AHSRL 2030R_L	10	10000	1600	0.033	0.05	8500	1400	0.03	0.05
	12	9600	1280	0.033	0.05	8000	1120	0.03	0.05
	16	8000	960	0.022	0.04	7000	840	0.02	0.04
	20	8000	640	0.022	0.03	7000	560	0.02	0.03
	25	7200	480	0.017	0.025	6500	420	0.015	0.025
AHSRL 2040R_L	12	7000	1280	0.044	0.05	5000	1120	0.04	0.05
	16	6400	960	0.033	0.05	4400	840	0.03	0.05
	20	6000	640	0.022	0.04	4000	560	0.02	0.04
	25	5600	480	0.022	0.04	3600	420	0.02	0.04
	30	3800	320	0.022	0.03	2800	280	0.02	0.03

AHSEL 2刃长颈平头铣刀 AHSEL 2-flute End Mills with Neck Increased

被削材 Material		淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type		转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSEL 2004L	2	24000	330	0.02	0.15	20000	270	0.02	0.13
	3	21500	300	0.01	0.15	20000	240	0.01	0.13
AHSEL 2005L	2	24000	330	0.03	0.2	22500	270	0.03	0.16
	3	21500	300	0.02	0.2	20000	240	0.02	0.16
	4	21500	300	0.02	0.2	20000	240	0.02	0.16
AHSEL 2006L	2	24000	480	0.03	0.22	22500	380	0.03	0.2
	3	21500	430	0.03	0.22	20000	350	0.03	0.2
	4	21500	430	0.02	0.22	20000	350	0.02	0.2
AHSEL 2008L	4	24000	700	0.05	0.3	22500	420	0.04	0.26
	6	24000	660	0.03	0.3	20000	380	0.02	0.26
AHSEL 2010L	4	20000	900	0.05	0.6	15000	700	0.06	0.45
	6	18000	860	0.03	0.6	14000	600	0.06	0.45
	8	16000	600	0.02	0.5	12000	500	0.05	0.4
	10	14000	500	0.01	0.5	10000	400	0.05	0.4
AHSEL 2015L	6	20000	800	0.04	0.75	18000	700	0.08	0.6
	8	18000	600	0.03	0.75	14000	600	0.08	0.6
	10	16000	500	0.03	0.75	14000	500	0.08	0.6
	12	14000	500	0.02	0.75	12000	430	0.06	0.6

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切削参数-AHS系列

AHSEL 2刃长颈平头铣刀 AHSBL 2-flute Ballnose End Mills with Neck Increased

被削材 Material		淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type		转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSEL 2020L	8	16000	800	0.05	1	12000	600	0.04	0.8
	10	14000	700	0.05	1	12000	500	0.04	0.8
	12	12000	600	0.04	1	10000	500	0.03	0.8
	16	10000	500	0.03	0.8	9200	400	0.03	0.8
AHSEL 2025L	10	13000	850	0.065	1.25	9800	650	0.045	1
	12	12000	700	0.06	1.25	9600	600	0.04	1
	16	10000	600	0.05	1	8500	500	0.04	1
	20	8200	500	0.05	1	7500	500	0.04	0.8
AHSEL 2030L	10	13000	850	0.065	1.25	9800	700	0.05	1
	12	12000	750	0.06	1.25	9600	650	0.04	1
	16	10000	650	0.05	1.25	8500	600	0.04	1
	20	8200	580	0.05	1.25	7500	550	0.04	1
	25	7500	530	0.04	1.25	7200	500	0.03	0.8
AHSEL 2040L	12	13000	850	0.065	1.5	9800	700	0.05	1.5
	16	12000	750	0.06	1.5	9600	650	0.04	1
	20	10000	650	0.05	1.5	8500	600	0.04	1
	25	8200	580	0.05	1.25	7500	550	0.04	1
	30	7500	530	0.04	1	7200	500	0.03	0.8

AHSRL 2刃长颈圆鼻铣刀 AHSRL 2-flute End Mills with Neck Increased & Corner Radius

被削材 Material		淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65） Hardened Steel			
型号 type		转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSRL 2010R_L	4	25000	480	0.03	0.03	20000	420	0.03	0.03
	6	25000	400	0.02	0.03	20000	350	0.02	0.03
	8	18000	360	0.02	0.02	16000	320	0.02	0.02
	10	16000	320	0.01	0.02	14000	280	0.01	0.02
AHSRL 2015R_L	6	18000	480	0.02	0.04	14000	420	0.02	0.04
	8	18000	400	0.02	0.04	14000	350	0.02	0.04
	10	18000	400	0.02	0.03	14000	350	0.02	0.03
	12	18000	320	0.02	0.03	14000	280	0.02	0.03
AHSRL 2020R_L	8	16000	640	0.033	0.04	12000	560	0.03	0.04
	10	16000	560	0.033	0.04	12000	490	0.03	0.04
	12	16000	480	0.022	0.03	12000	420	0.02	0.03
	16	16000	400	0.017	0.03	12000	350	0.015	0.03
AHSRL 2030R_L	10	9600	800	0.033	0.05	8000	700	0.03	0.05
	12	8000	640	0.033	0.05	7000	560	0.03	0.05
	16	8000	480	0.022	0.04	7000	420	0.02	0.04
	20	8000	320	0.022	0.03	7000	280	0.02	0.03
	25	7200	240	0.017	0.025	6500	210	0.015	0.025
AHSRL 2040R_L	12	7000	640	0.044	0.05	5000	560	0.04	0.05
	16	6400	480	0.033	0.05	4400	420	0.03	0.05
	20	6000	320	0.022	0.04	4000	280	0.02	0.04
	25	5600	240	0.022	0.04	3600	210	0.02	0.04
	30	3800	160	0.022	0.03	2800	140	0.02	0.03

切削参数-AHS系列

AHSBL 2刃长颈球头铣刀 AHSBL 2-flute Ballnose End Mills with Neck Increased

被削材 Material		淬火钢（HRC46～55）Hardened Steel				淬火钢（HRC56～65）Hardened Steel			
型号 type		转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHSBL 2004L	2	36000	360	0.03	0.01	33000	330	0.02	0.01
	3	32500	290	0.01	0.01	30000	270	0.01	0.01
AHSBL 2005L	2	30000	540	0.03	0.02	28000	480	0.03	0.02
	3	27000	430	0.03	0.02	25000	400	0.02	0.02
	4	27000	430	0.02	0.02	25000	400	0.02	0.02
AHSBL 2006L	2	30000	720	0.04	0.02	28000	560	0.03	0.02
	3	30000	720	0.03	0.02	28000	560	0.03	0.02
	4	27000	600	0.02	0.02	25000	480	0.02	0.02
AHSBL 2008L	4	30000	900	0.05	0.03	28000	780	0.04	0.02
	6	27000	730	0.03	0.03	25000	640	0.02	0.02
AHSBL 2010L	4	20000	1500	0.08	0.12	14000	1200	0.06	0.1
	6	20000	1200	0.07	0.12	14000	1000	0.05	0.08
	8	20000	1000	0.05	0.08	14000	800	0.04	0.05
	10	20000	850	0.03	0.05	14000	560	0.02	0.04
AHSBL 2015L	6	20000	1900	0.08	0.04	14000	1700	0.05	0.03
	8	20000	1900	0.08	0.04	14000	1700	0.05	0.03
	10	18000	1500	0.06	0.04	12000	1250	0.04	0.03
	12	18000	960	0.05	0.03	12000	840	0.04	0.03
AHSBL 2020L	6	14000	3000	0.04	0.064	10000	2400	0.03	0.048
	8	11200	2500	0.04	0.064	8000	2000	0.03	0.048
	10	11200	2500	0.04	0.064	8000	2000	0.03	0.048
	12	8400	1800	0.032	0.064	6000	1440	0.024	0.048
	16	7000	1600	0.032	0.064	5000	1280	0.024	0.048
AHSBL 2025L	8	11500	3000	0.05	0.07	8500	2500	0.05	0.05
	10	11200	3000	0.048	0.064	8000	2400	0.042	0.056
	12	11200	2500	0.048	0.064	8000	2000	0.042	0.056
	16	11200	1800	0.048	0.064	8000	1440	0.042	0.056
AHSBL 2030L	10	11200	4000	0.056	0.075	8000	3200	0.042	0.06
	12	11200	3000	0.056	0.075	8000	2400	0.042	0.06
	16	11200	1800	0.056	0.075	8000	1440	0.042	0.06
	20	8400	1200	0.048	0.075	6000	960	0.036	0.06
	25	5600	800	0.05	0.075	4000	640	0.03	0.06
AHSBL 2040L	12	11200	4000	0.06	0.09	8000	3200	0.05	0.07
	16	11200	3500	0.06	0.09	8000	2800	0.05	0.07
	20	9800	3300	0.06	0.09	7000	2640	0.05	0.07
	25	8400	2600	0.05	0.09	6000	2080	0.04	0.07
	30	8400	2600	0.05	0.09	6000	2080	0.04	0.07
AHSBL 2050L	16	11200	4000	0.08	0.11	8000	3200	0.06	0.08
	20	11200	4000	0.08	0.11	8000	3200	0.06	0.08
	25	8400	3000	0.06	0.11	6000	2400	0.05	0.08
	30	7000	2400	0.06	0.11	5000	1920	0.05	0.08

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHM SERIES

AHM系列

AHM系列特点

AHM SERIES FEATURES

材料特点：

- 采用极细超微粒基体
- 兼具良好的韧性和硬度
- 实现高速高耐磨性加工

Material Features:

- Made of Ultra-fine grain carbide grade
- Toughness and hardness in balance
- Achieve high-speed and wear resistance machining

AX涂层特点：

- 具有优异的抗氧化性及红硬性
- 润滑性强，降低摩擦系数及切削阻力
- 高耐磨性，减少粘屑，延长刀具寿命
- 高耐热性，高速加工下减少刃口破损

AX Coating Features:

- Excellent oxidation resistance and hardness
- Good surface, reduce friction and cutting force
- High wear resistance, reduce built-up and increase tool life
- Good heat resistance, reduce cutting edge wear under high speed machining

应用领域：

- 适合HRC≤52以下的通用切削
大型模具的长时间切削
- 广泛适用于加工预制钢(HRC≤52)例：P20、1.2738、S136、NAK80、不锈钢等

Application:

-Suitable for general cutting with HRC≤52
-Long time cutting of large mould
-Widely used in machining precast steel (HRC≤52) cases :P20,1.2738, S136, NAK80, stainless steel, etc

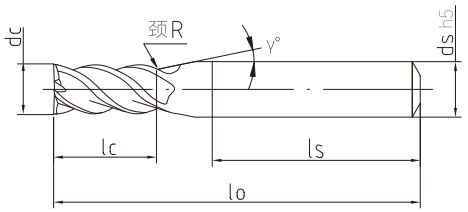
模具加工利器

Great Tools for Mould Machining

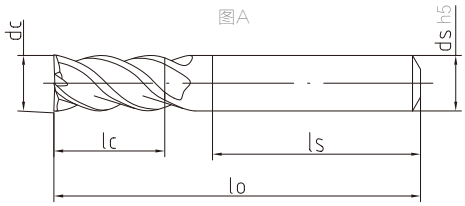
HRC≤52　（高耐磨）

AHNO 阿诺
Cutting Tool Technology

AHMEF 4刃平头铣刀



图A



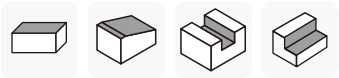
图B

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- Designed for high precision milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

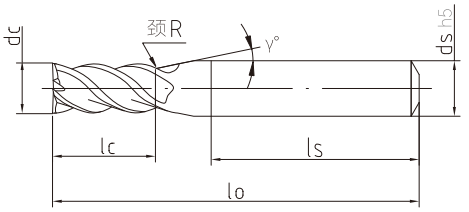


订货编号 · Order code

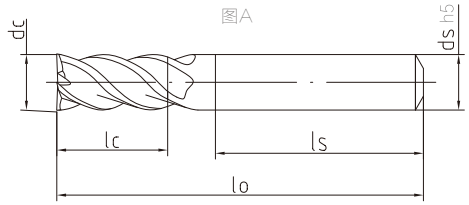
代码 Code	规格型号 Designation	刃径 · dc	刃长 · lc	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHMEF 4010 0450	D1x3xL50xSD4	1	3	4	12	50	4	A	●
AHMEF 4010 0650	D1x3xL50xSD6	1	3	4	12	50	6	A	●
AHMEF 4015 0450	D1.5x4xL50xSD4	1.5	4	-	11	50	4	A	●
AHMEF 4015 0650	D1.5x4xL50xSD6	1.5	4	-	11	50	6	A	●
AHMEF 4020 0450	D2x5xL50xSD4	2	5	-	11	50	4	A	●
AHMEF 4020 0650	D2x5xL50xSD6	2	5	-	11	50	6	A	●
AHMEF 4025 0450	D2.5x6.5xL50xSD4	2.5	6.5	-	11	50	4	A	●
AHMEF 4025 0650	D2.5x6.5xL50xSD6	2.5	6.5	-	11	50	6	A	●
AHMEF 4030 0450	D3x7.5xL50xSD4	3	7.5	-	11	50	4	A	●
AHMEF 4030 0650	D3x7.5xL50xSD6	3	7.5	-	11	50	6	A	●
AHMEF 4030 0660	D3x7.5xL60xSD6	3	7.5	-	11	60	6	A	●
AHMEF 4030 0675	D3x7.5xL75xSD6	3	7.5	-	11	75	6	A	●
AHMEF 4040 0450	D4x10xL50xSD4	4	10	-	-	50	4	B	●
AHMEF 4040 0460	D4x10xL60xSD4	4	10	-	-	60	4	B	●
AHMEF 4040 0475	D4x10xL75xSD4	4	10	-	11	75	4	A	●
AHMEF 4040 0650	D4x10xL50xSD6	4	10	-	11	50	6	A	●
AHMEF 4040 0660	D4x10xL60xSD6	4	10	-	11	60	6	A	●
AHMEF 4040 0675	D4x10xL75xSD6	4	10	-	11	75	6	A	●
AHMEF 4050 0650	D5x12.5xL50xSD6	5	12.5	-	11	50	6	A	●
AHMEF 4050 0675	D5x12.5xL75xSD6	5	12.5	-	11	75	6	A	●
AHMEF 4060 0650	D6x15xL50xSD6	6	15	-	-	50	6	B	●
AHMEF 4060 0660	D6x15xL60xSD6	6	15	-	-	60	6	B	●
AHMEF 4060 0675	D6x15xL75xSD6	6	15	-	-	75	6	B	●
AHMEF 4060 06100	D6x15xL100xSD6	6	15	-	-	100	6	B	●
AHMEF 4080 0860	D8x20xL60xSD8	8	20	-	-	60	8	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHMEF 4刃平头铣刀



图A

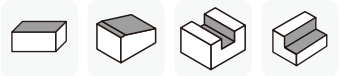


图B

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；
- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- Designed for high precision milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

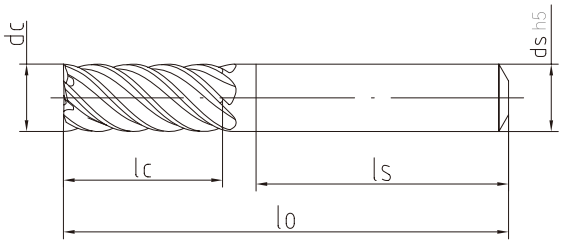


订货编号 · Order code

代码 Code	规格型号 Designation	刃径 · dc	刃长 · lc	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHMEF 4080 0875	D8x20xL75xSD8	8	20	-	-	75	8	B	●
AHMEF 4080 08100	D8x20xL100xSD8	8	20	-	-	100	8	B	●
AHMEF 4100 1075	D10x25xL75xSD10	10	25	-	-	75	10	B	●
AHMEF 4100 10100	D10x25xL100xSD10	10	25	-	-	100	10	B	●
AHMEF 4120 1275	D12x30xL75xSD12	12	30	-	-	75	12	B	●
AHMEF 4120 12100	D12x30xL100xSD12	12	30	-	-	100	12	B	●
AHMEF 4140 1475	D14x35xL75xSD14	14	35	-	-	75	14	B	●
AHMEF 4140 14100	D14x35xL100xSD14	14	35	-	-	100	14	B	●
AHMEF 4160 16100	D16x40xL100xSD16	16	40	-	-	100	16	B	●
AHMEF 4160 16150	D16x40xL150xSD16	16	40	-	-	150	16	B	●
AHMEF 4200 20100	D20x50xL100xSD20	20	50	-	-	100	20	B	●
AHMEF 4200 20150	D20x50xL150xSD20	20	50	-	-	150	20	B	●

AHNO 阿诺
Cutting Tool Technology

AHME 6刃平头铣刀



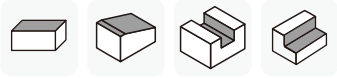
图B

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- Designed for high precision milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

UMG 硬质合金 Carbide | 45° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

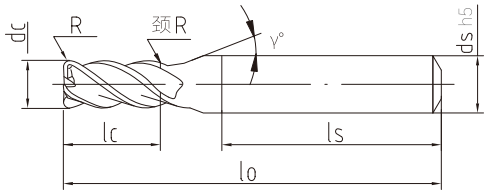


订货编号·Order code

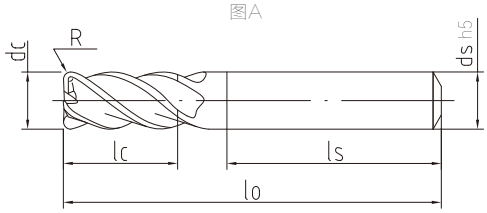
代码 Code	规格型号 Designation	刃径·dc	刃长·lc	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHME 6060 0650	D6x15xL50xSD6	6	15	50	6	B	●
AHME 6060 0660	D6x15xL60xSD6	6	15	60	6	B	●
AHME 6080 0860	D8x20xL60xSD8	8	20	60	8	B	●
AHME 6080 0875	D8x20xL75xSD8	8	20	75	8	B	●
AHME 6100 1075	D10x25xL75xSD10	10	25	75	10	B	●
AHME 6100 10100	D10x25xL100xSD10	10	25	100	10	B	●
AHME 6120 1275	D12x30xL75xSD12	12	30	75	12	B	●
AHME 6120 12100	D12x30xL100xSD12	12	30	100	12	B	●
AHME 6140 1475	D14x35xL75xSD14	14	35	75	14	B	●
AHME 6140 14100	D14x35xL100xSD14	14	35	100	14	B	●
AHME 6160 16100	D16x40xL100xSD16	16	40	100	16	B	●
AHME 6160 16150	D16x40xL150xSD16	16	40	150	16	B	●
AHME 6200 20100	D20x50xL100xSD20	20	50	100	20	B	●
AHME 6200 20150	D20x50xL150xSD20	20	50	150	20	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHMRF 4刃圆鼻铣刀



图A



图B

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；
- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

刃径 ϕ.dc	R Tolerance
ϕ≤12	±0.005

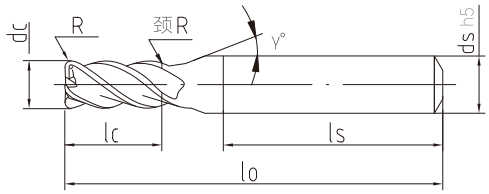
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号·Order code

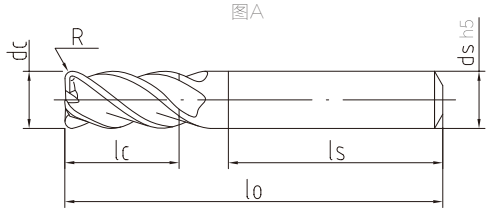
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMRF 4010R0.2 0450	D1R0.2x2xL50xSD4	1	0.2	2	4	12	50	4	A	●
AHMRF 4015R0.2 0450	D1.5R0.2x3xL50xSD4	1.5	0.2	3	-	11	50	4	A	●
AHMRF 4020R0.2 0450	D2R0.2x4xL50xSD4	2	0.2	4	-	11	50	4	A	●
AHMRF 4030R0.2 0450	D3R0.2x6xL50xSD4	3	0.2	6	-	11	50	4	A	●
AHMRF 4030R0.2 0650	D3R0.2x6xL50xSD6	3	0.2	6	-	11	50	6	A	●
AHMRF 4030R0.2 0660	D3R0.2x6xL60xSD6	3	0.2	6	-	11	60	6	A	●
AHMRF 4030R0.2 0675	D3R0.2x6xL75xSD6	3	0.2	6	-	11	75	6	A	●
AHMRF 4040R0.2 0450	D4R0.2x8xL50xSD4	4	0.2	8	-	-	50	4	B	●
AHMRF 4040R0.2 0460	D4R0.2x8xL60xSD4	4	0.2	8	-	-	60	4	B	●
AHMRF 4040R0.2 0475	D4R0.2x8xL75xSD4	4	0.2	8	-	-	75	4	B	●
AHMRF 4040R0.2 0650	D4R0.2x8xL50xSD6	4	0.2	8	-	11	50	6	A	●
AHMRF 4040R0.2 0660	D4R0.2x8xL60xSD6	4	0.2	8	-	11	60	6	A	●
AHMRF 4040R0.2 0675	D4R0.2x8xL75xSD6	4	0.2	8	-	11	75	6	A	●
AHMRF 4060R0.2 0650	D6R0.2x12xL50xSD6	6	0.2	12	-	-	50	6	B	●
AHMRF 4060R0.2 0660	D6R0.2x12xL60xSD6	6	0.2	12	-	-	60	6	B	●
AHMRF 4060R0.2 0675	D6R0.2x12xL75xSD6	6	0.2	12	-	-	75	6	B	●
AHMRF 4060R0.2 06100	D6R0.2x12xL100xSD6	6	0.2	12	-	-	100	6	B	●
AHMRF 4040R0.3 0450	D4R0.3x8xL50xSD4	4	0.3	8	-	-	50	4	B	●
AHMRF 4040R0.3 0475	D4R0.3x8xL75xSD4	4	0.3	8	-	-	75	4	B	●
AHMRF 4040R0.3 0650	D4R0.3x8xL50xSD6	4	0.3	8	-	11	50	6	A	●
AHMRF 4040R0.3 0660	D4R0.3x8xL60xSD6	4	0.3	8	-	11	60	6	A	●
AHMRF 4040R0.3 0675	D4R0.3x8xL75xSD6	4	0.3	8	-	11	75	6	A	●
AHMRF 4020R0.5 0450	D2R0.5x4xL50xSD4	2	0.5	4	-	11	50	4	A	●
AHMRF 4030R0.5 0450	D3R0.5x6xL50xSD4	3	0.5	6	-	11	50	4	A	●
AHMRF 4030R0.5 0650	D3R0.5x6xL50xSD6	3	0.5	6	-	11	50	6	A	●
AHMRF 4030R0.5 0660	D3R0.5x6xL60xSD6	3	0.5	6	-	11	60	6	A	●
AHMRF 4030R0.5 0675	D3R0.5x6xL75xSD6	3	0.5	6	-	11	75	6	A	●
AHMRF 4040R0.5 0450	D4R0.5x8xL50xSD4	4	0.5	8	-	-	50	4	B	●
AHMRF 4040R0.5 0460	D4R0.5x8xL60xSD4	4	0.5	8	-	-	60	4	B	●
AHMRF 4040R0.5 0475	D4R0.5x8xL75xSD4	4	0.5	8	-	-	75	4	B	●

AHNO 阿诺
Cutting Tool Technology

AHMRF 4刃圆鼻铣刀



图A



图B

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

刃径 ϕ.dc	R Tolerance
ϕ≤12	±0.005

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMRF 4040R0.5 0650	D4R0.5x8xL50xSD6	4	0.5	8	-	11	50	6	A	●
AHMRF 4040R0.5 0660	D4R0.5x8xL60xSD6	4	0.5	8	-	11	60	6	A	●
AHMRF 4040R0.5 0675	D4R0.5x8xL75xSD6	4	0.5	8	-	11	75	6	A	●
AHMRF 4060R0.5 0650	D6R0.5x12xL50xSD6	6	0.5	12	-	-	50	6	B	●
AHMRF 4060R0.5 0660	D6R0.5x12xL60xSD6	6	0.5	12	-	-	60	6	B	●
AHMRF 4060R0.5 0675	D6R0.5x12xL75xSD6	6	0.5	12	-	-	75	6	B	●
AHMRF 4060R0.5 06100	D6R0.5x12xL100xSD6	6	0.5	12	-	-	100	6	B	●
AHMRF 4080R0.5 0860A	D8R0.5x20xL60xSD8	8	0.5	20	-	-	60	8	B	●
AHMRF 4080R0.5 0875A	D8R0.5x20xL75xSD8	8	0.5	20	-	-	75	8	B	●
AHMRF 4080R0.5 08100A	D8R0.5x20xL100xSD8	8	0.5	20	-	-	100	8	B	●
AHMRF 4080R0.5 08125A	D8R0.5x20xL125xSD8	8	0.5	20	-	-	125	8	B	●
AHMRF 4080R0.5 08150A	D8R0.5x20xL150xSD8	8	0.5	20	-	-	150	8	B	●
AHMRF 4100R0.5 1075A	D10R0.5x25xL75xSD10	10	0.5	25	-	-	75	10	B	●
AHMRF 4100R0.5 10100A	D10R0.5x25xL100xSD10	10	0.5	25	-	-	100	10	B	●
AHMRF 4100R0.5 10125A	D10R0.5x25xL125xSD10	10	0.5	25	-	-	125	10	B	●
AHMRF 4100R0.5 10150A	D10R0.5x25xL150xSD10	10	0.5	25	-	-	150	10	B	●
AHMRF 4120R0.5 1275A	D12R0.5x30xL75xSD12	12	0.5	30	-	-	75	12	B	●
AHMRF 4120R0.5 12100A	D12R0.5x30xL100xSD12	12	0.5	30	-	-	100	12	B	●
AHMRF 4120R0.5 12125A	D12R0.5x30xL125xSD12	12	0.5	30	-	-	125	12	B	●
AHMRF 4120R0.5 12150A	D12R0.5x30xL150xSD12	12	0.5	30	-	-	150	12	B	●
AHMRF 4040R1.0 0450	D4R1x8xL50xSD4	4	1.0	8	-	-	50	4	B	●
AHMRF 4040R1.0 0460	D4R1x8xL60xSD4	4	1.0	8	-	-	60	4	B	●
AHMRF 4040R1.0 0475	D4R1x8xL75xSD4	4	1.0	8	-	-	75	4	B	●
AHMRF 4040R1.0 0650	D4R1x8xL50xSD6	4	1.0	8	-	11	50	6	A	●
AHMRF 4040R1.0 0660	D4R1x8xL60xSD6	4	1.0	8	-	11	60	6	A	●
AHMRF 4040R1.0 0675	D4R1x8xL75xSD6	4	1.0	8	-	11	75	6	A	●
AHMRF 4060R1.0 0650	D6R1x12xL50xSD6	6	1.0	12	-	-	50	6	B	●
AHMRF 4060R1.0 0660	D6R1x12xL60xSD6	6	1.0	12	-	-	60	6	B	●
AHMRF 4060R1.0 0675	D6R1x12xL75xSD6	6	1.0	12	-	-	75	6	B	●
AHMRF 4060R1.0 06100	D6R1x12xL100xSD6	6	1.0	12	-	-	100	6	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
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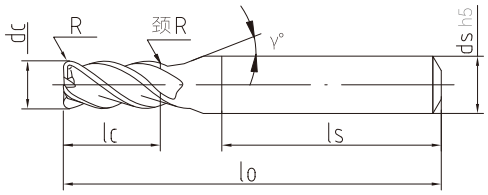
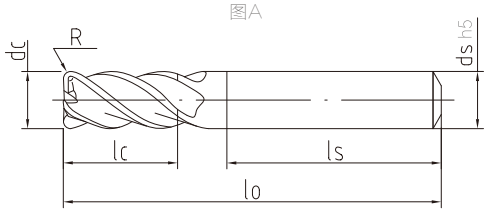
AHMRF 4刃圆鼻铣刀

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；
- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;



图A



图B

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

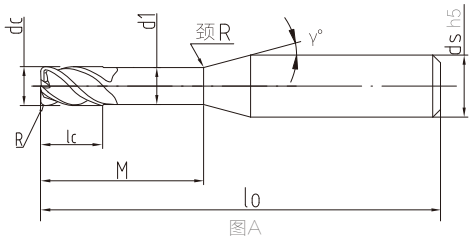
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号·Order code

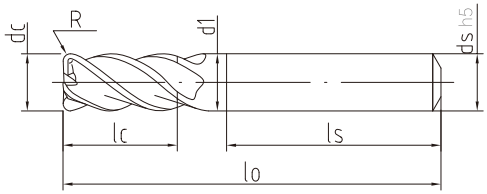
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMRF 4080R1.0 0860A	D8R1x20xL60xSD8	8	1.0	20	-	-	60	8	B	●
AHMRF 4080R1.0 0875A	D8R1x20xL75xSD8	8	1.0	20	-	-	75	8	B	●
AHMRF 4080R1.0 08100A	D8R1x20xL100xSD8	8	1.0	20	-	-	100	8	B	●
AHMRF 4100R1.0 1075A	D10R1x25xL75xSD10	10	1.0	25	-	-	75	10	B	●
AHMRF 4100R1.0 10100A	D10R1x25xL100xSD10	10	1.0	25	-	-	100	10	B	●
AHMRF 4120R1.0 1275A	D12R1x30xL75xSD12	12	1.0	30	-	-	75	12	B	●
AHMRF 4120R1.0 12100A	D12R1x30xL100xSD12	12	1.0	30	-	-	100	12	B	●
AHMRF 4120R2.0 1275A	D12R2x30xL75xSD12	12	2.0	30	-	-	75	12	B	●
AHMRF 4120R2.0 12100A	D12R2x30xL100xSD12	12	2.0	30	-	-	100	12	B	●
AHMRF 4080R0.5 0860	D8R0.5x16xL60xSD8	8	0.5	16	-	-	60	8	B	●
AHMRF 4080R0.5 0875	D8R0.5x16xL75xSD8	8	0.5	16	-	-	75	8	B	●
AHMRF 4080R0.5 08100	D8R0.5x16xL100xSD8	8	0.5	16	-	-	100	8	B	●
AHMRF 4080R0.5 08125	D8R0.5x16xL125xSD8	8	0.5	16	-	-	125	8	B	●
AHMRF 4080R0.5 08150	D8R0.5x16xL150xSD8	8	0.5	16	-	-	150	8	B	●
AHMRF 4100R0.5 1075	D10R0.5x20xL75xSD10	10	0.5	20	-	-	75	10	B	●
AHMRF 4100R0.5 10100	D10R0.5x20xL100xSD10	10	0.5	20	-	-	100	10	B	●
AHMRF 4100R0.5 10125	D10R0.5x20xL125xSD10	10	0.5	20	-	-	125	10	B	●
AHMRF 4100R0.5 10150	D10R0.5x20xL150xSD10	10	0.5	20	-	-	150	10	B	●
AHMRF 4120R0.5 1275	D12R0.5x24xL75xSD12	12	0.5	24	-	-	75	12	B	●
AHMRF 4120R0.5 12100	D12R0.5x24xL100xSD12	12	0.5	24	-	-	100	12	B	●
AHMRF 4120R0.5 12125	D12R0.5x24xL125xSD12	12	0.5	24	-	-	125	12	B	●
AHMRF 4120R0.5 12150	D12R0.5x24xL150xSD12	12	0.5	24	-	-	150	12	B	●
AHMRF 4080R1.0 0860	D8R1x16xL60xSD8	8	1.0	16	-	-	60	8	B	●
AHMRF 4080R1.0 0875	D8R1x16xL75xSD8	8	1.0	16	-	-	75	8	B	●
AHMRF 4080R1.0 08100	D8R1x16xL100xSD8	8	1.0	16	-	-	100	8	B	●
AHMRF 4100R1.0 1075	D10R1x20xL75xSD10	10	1.0	20	-	-	75	10	B	●
AHMRF 4100R1.0 10100	D10R1x20xL100xSD10	10	1.0	20	-	-	100	10	B	●
AHMRF 4120R1.0 1275	D12R1x24xL75xSD12	12	1.0	24	-	-	75	12	B	●
AHMRF 4120R1.0 12100	D12R1x24xL100xSD12	12	1.0	24	-	-	100	12	B	●
AHMRF 4100R2.0 1075	D10R2x20xL75xSD10	10	2.0	20	-	-	75	10	B	●
AHMRF 4100R2.0 10100	D10R2x20xL100xSD10	10	2.0	20	-	-	100	10	B	●
AHMRF 4120R2.0 1275	D12R2x24xL75xSD12	12	2.0	24	-	-	75	12	B	●
AHMRF 4120R2.0 12100	D12R2x24xL100xSD12	12	2.0	24	-	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHMRP 4刃短刃圆鼻铣刀



图A



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订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·Ød1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMRP 4010R0.2 0450	D1R0.2x1x3xL50xSD4	1	0.2	1	3	0.94	4	12	50	4	A	●
AHMRP 4015R0.2 0450	D1.5R0.2x1.5x4.5xL50xSD4	1.5	0.2	1.5	4.5	1.42	-	11	50	4	A	●
AHMRP 4020R0.2 0450	D2R0.2x2x6xL50xSD4	2	0.2	2	6	1.9	-	11	50	4	A	●
AHMRP 4030R0.2 0450	D3R0.2x3x9xL50xSD4	3	0.2	3	9	2.9	-	11	50	4	A	●
AHMRP 4030R0.2 0650	D3R0.2x3x9xL50xSD6	3	0.2	3	9	2.9	-	11	50	6	A	●
AHMRP 4030R0.2 0660	D3R0.2x3x9xL60xSD6	3	0.2	3	9	2.9	-	11	60	6	A	●
AHMRP 4030R0.2 0675	D3R0.2x3x9xL75xSD6	3	0.2	3	9	2.9	-	11	75	6	A	●
AHMRP 4040R0.2 0450	D4R0.2x4x12xL50xSD4	4	0.2	4	12	3.9	-	-	50	4	B	●
AHMRP 4040R0.2 0650	D4R0.2x4x12xL50xSD6	4	0.2	4	12	3.9	-	11	50	6	A	●
AHMRP 4040R0.2 0660	D4R0.2x4x12xL60xSD6	4	0.2	4	12	3.9	-	11	60	6	A	●
AHMRP 4040R0.2 0675	D4R0.2x4x12xL75xSD6	4	0.2	4	12	3.9	-	11	75	6	A	●
AHMRP 4060R0.2 0650	D6R0.2x6x18xL50xSD6	6	0.2	6	18	5.85	-	-	50	6	B	●
AHMRP 4060R0.2 0660	D6R0.2x6x18xL60xSD6	6	0.2	6	18	5.85	-	-	60	6	B	●
AHMRP 4060R0.2 0675	D6R0.2x6x18xL75xSD6	6	0.2	6	18	5.85	-	-	75	6	B	●
AHMRP 4060R0.2 06100	D6R0.2x6x18xL100xSD6	6	0.2	6	18	5.85	-	-	100	6	B	●
AHMRP 4040R0.3 0450	D4R0.3x4x12xL50xSD4	4	0.3	4	12	3.9	-	-	50	4	B	●
AHMRP 4040R0.3 0650	D4R0.3x4x12xL50xSD6	4	0.3	4	12	3.9	-	11	50	6	A	●
AHMRP 4040R0.3 0660	D4R0.3x4x12xL60xSD6	4	0.3	4	12	3.9	-	11	60	6	A	●
AHMRP 4040R0.3 0675	D4R0.3x4x12xL75xSD6	4	0.3	4	12	3.9	-	11	75	6	A	●
AHMRP 4020R0.5 0450	D2R0.5x2x6xL50xSD4	2	0.5	2	6	1.9	-	11	50	4	A	●
AHMRP 4030R0.5 0450	D3R0.5x3x9xL50xSD4	3	0.5	3	9	2.9	-	11	50	4	A	●
AHMRP 4030R0.5 0650	D3R0.5x3x9xL50xSD6	3	0.5	3	9	2.9	-	11	50	6	A	●
AHMRP 4030R0.5 0660	D3R0.5x3x9xL60xSD6	3	0.5	3	9	2.9	-	11	60	6	A	●
AHMRP 4030R0.5 0675	D3R0.5x3x9xL75xSD6	3	0.5	3	9	2.9	-	11	75	6	A	●
AHMRP 4040R0.5 0450	D4R0.5x4x12xL50xSD4	4	0.5	4	12	3.9	-	-	50	4	B	●
AHMRP 4040R0.5 0650	D4R0.5x4x12xL50xSD6	4	0.5	4	12	3.9	-	11	50	6	A	●
AHMRP 4040R0.5 0660	D4R0.5x4x12xL60xSD6	4	0.5	4	12	3.9	-	11	60	6	A	●
AHMRP 4040R0.5 0675	D4R0.5x4x12xL75xSD6	4	0.5	4	12	3.9	-	11	75	6	A	●
AHMRP 4060R0.5 0650	D6R0.5x6x18xL50xSD6	6	0.5	6	18	5.85	-	-	50	6	B	●
AHMRP 4060R0.5 0660	D6R0.5x6x18xL60xSD6	6	0.5	6	18	5.85	-	-	60	6	B	●
AHMRP 4060R0.5 0675	D6R0.5x6x18xL75xSD6	6	0.5	6	18	5.85	-	-	75	6	B	●
AHMRP 4060R0.5 06100	D6R0.5x6x18xL100xSD6	6	0.5	6	18	5.85	-	-	100	6	B	●

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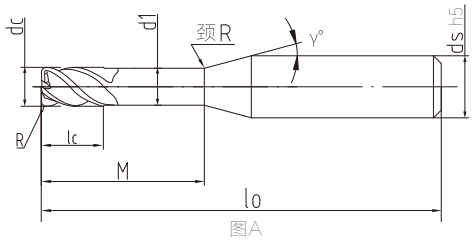
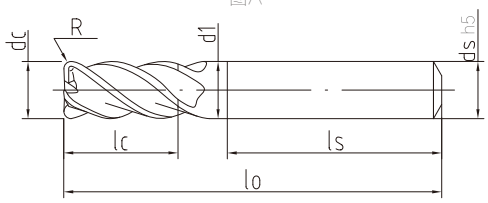
AHMRP 4刃短刃圆鼻铣刀



图A



图B

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UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号 · Order code

代码 Code	规格型号 Designation	刃径 · dc	圆角半径 · R	刃长 · lc	有效长 · M	颈径 · Ød1	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHMRP 4080R0.5 0860	D8R0.5x8x24xL60xSD8	8	0.5	8	24	7.8	-	-	60	8	B	●
AHMRP 4080R0.5 0875	D8R0.5x8x24xL75xSD8	8	0.5	8	24	7.8	-	-	75	8	B	●
AHMRP 4080R0.5 08100	D8R0.5x8x24xL100xSD8	8	0.5	8	24	7.8	-	-	100	8	B	●
AHMRP 4080R0.5 08125	D8R0.5x8x24xL125xSD8	8	0.5	8	24	7.8	-	-	125	8	B	●
AHMRP 4080R0.5 08150	D8R0.5x8x24xL150xSD8	8	0.5	8	24	7.8	-	-	150	8	B	●
AHMRP 4100R0.5 1075	D10R0.5x10x30xL75xSD10	10	0.5	10	30	9.8	-	-	75	10	B	●
AHMRP 4100R0.5 10100	D10R0.5x10x30xL100xSD10	10	0.5	10	30	9.8	-	-	100	10	B	●
AHMRP 4100R0.5 10125	D10R0.5x10x30xL125xSD10	10	0.5	10	30	9.8	-	-	125	10	B	●
AHMRP 4100R0.5 10150	D10R0.5x10x30xL150xSD10	10	0.5	10	30	9.8	-	-	150	10	B	●
AHMRP 4120R0.5 1275	D12R0.5x12x36xL75xSD12	12	0.5	12	36	11.7	-	-	75	12	B	●
AHMRP 4120R0.5 12100	D12R0.5x12x36xL100xSD12	12	0.5	12	36	11.7	-	-	100	12	B	●
AHMRP 4120R0.5 12125	D12R0.5x12x36xL125xSD12	12	0.5	12	36	11.7	-	-	125	12	B	●
AHMRP 4120R0.5 12150	D12R0.5x12x36xL150xSD12	12	0.5	12	36	11.7	-	-	150	12	B	●
AHMRP 4040R1.0 0450	D4R1x4x12xL50xSD4	4	1.0	4	12	3.9	-	-	50	4	B	●
AHMRP 4040R1.0 0650	D4R1x4x12xL50xSD6	4	1.0	4	12	3.9	-	11	50	6	A	●
AHMRP 4040R1.0 0660	D4R1x4x12xL60xSD6	4	1.0	4	12	3.9	-	11	60	6	A	●
AHMRP 4040R1.0 0675	D4R1x4x12xL75xSD6	4	1.0	4	12	3.9	-	-	75	6	A	●
AHMRP 4060R1.0 0650	D6R1x6x18xL50xSD6	6	1.0	6	18	5.85	-	-	50	6	B	●
AHMRP 4060R1.0 0660	D6R1x6x18xL60xSD6	6	1.0	6	18	5.85	-	-	60	6	B	●
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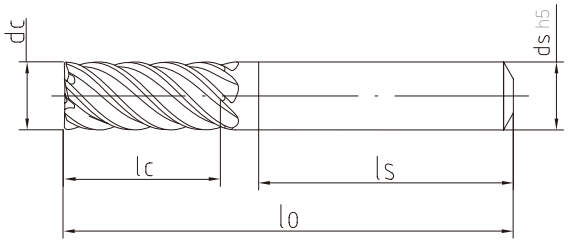
AHMRP 4060R1.0 06100	D6R1x6x18xL100xSD6	6	1.0	6	18	5.85	-	-	100	6	B	●
AHMRP 4080R1.0 0860	D8R1x8x24xL60xSD8	8	1.0	8	24	7.8	-	-	60	8	B	●
AHMRP 4080R1.0 0875	D8R1x8x24xL75xSD8	8	1.0	8	24	7.8	-	-	75	8	B	●
AHMRP 4080R1.0 08100	D8R1x8x24xL100xSD8	8	1.0	8	24	7.8	-	-	100	8	B	●
AHMRP 4100R1.0 1075	D10R1x10x30xL75xSD10	10	1.0	10	30	9.8	-	-	75	10	B	●
AHMRP 4100R1.0 10100	D10R1x10x30xL100xSD10	10	1.0	10	30	9.8	-	-	100	10	B	●
AHMRP 4120R1.0 1275	D12R1x12x36xL75xSD12	12	1.0	12	36	11.7	-	-	75	12	B	●
AHMRP 4120R1.0 12100	D12R1x12x36xL100xSD12	12	1.0	12	36	11.7	-	-	100	12	B	●
AHMRP 4100R2.0 1075	D10R2x10x30xL75xSD10	10	2.0	10	30	9.8		-	75	10	B	●
AHMRP 4100R2.0 10100	D10R2x10x30xL100xSD10	10	2.0	10	30	9.8			100	10	B	●
AHMRP 4120R2.0 1275	D12R2x12x36xL75xSD12	12	2.0	12	36	11.7	-	-	75	12	B	●
AHMRP 4120R2.0 12100	D12R2x12x36xL100xSD12	12	2.0	12	36	11.7	-	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHMR 6刃圆鼻铣刀



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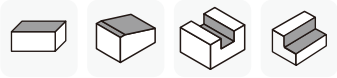
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；
- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.005

UMG 硬质合金 Carbide | 45° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

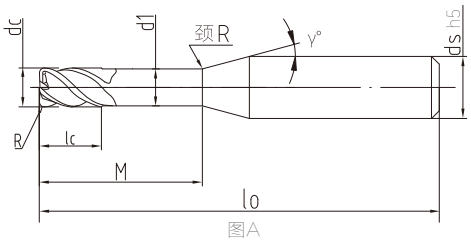


订货编号·Order code

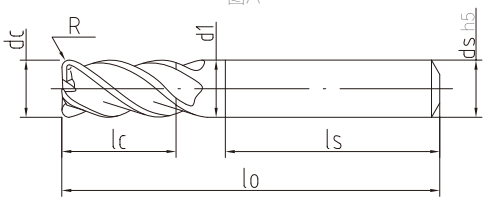
代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMR 6060R0.5 0650	D6R0.5x15xL50xSD6	6	0.5	15	50	6	B	●
AHMR 6060R0.5 0660	D6R0.5x15xL60xSD6	6	0.5	15	60	6	B	●
AHMR 6080R0.5 0860	D8R0.5x20xL60xSD8	8	0.5	20	60	8	B	●
AHMR 6080R0.5 0875	D8R0.5x20xL75xSD8	8	0.5	20	75	8	B	●
AHMR 6100R0.5 1075	D10R0.5x25xL75xSD10	10	0.5	25	75	10	B	●
AHMR 6100R0.5 10100	D10R0.5x25xL100xSD10	10	0.5	25	100	10	B	●
AHMR 6120R1.0 1275	D12R0.5x30xL75xSD12	12	0.5	30	75	12	B	●
AHMR 6120R1.0 12100	D12R0.5x30xL100xSD12	12	0.5	30	100	12	B	●
AHMR 6060R1.0 0650	D6R1x15xL50xSD6	6	1.0	15	50	6	B	●
AHMR 6060R1.0 0660	D6R1x15xL60xSD6	6	1.0	15	60	6	B	●
AHMR 6080R1.0 0860	D8R1x20xL60xSD8	8	1.0	20	60	8	B	●
AHMR 6080R1.0 0875	D8R1x20xL75xSD8	8	1.0	20	75	8	B	●
AHMR 6100R1.0 1075	D10R1x25xL75xSD10	10	1.0	25	75	10	B	●
AHMR 6100R1.0 10100	D10R1x25xL100xSD10	10	1.0	25	100	10	B	●
AHMR 6120R1.0 1275	D12R1x30xL75xSD12	12	1.0	30	75	12	B	●
AHMR 6120R1.0 12100	D12R1x30xL100xSD12	12	1.0	30	100	12	B	●
AHMR 6100R2.0 1075	D10R2x25xL75xSD10	10	2.0	25	75	10	B	●
AHMR 6100R2.0 10100	D10R2x25xL100xSD10	10	2.0	25	100	10	B	●
AHMR 6120R2.0 1275	D12R2x30xL75xSD12	12	2.0	30	75	12	B	●
AHMR 6120R2.0 12100	D12R2x30xL100xSD12	12	2.0	30	100	12	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHMRK 4刃强力型圆鼻铣刀



图A



图B

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤12	±0.010

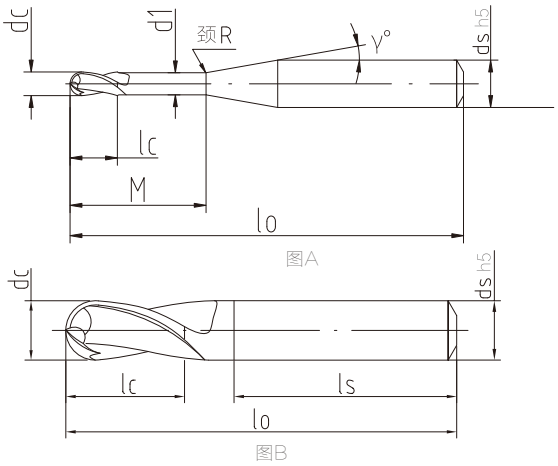
UMG 硬质合金 Carbide | 0° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号 · Order code

代码 Code	规格型号 Designation	刃径 · dc	圆角半径 · R	刃长 · lc	有效长 · l	颈径 · Ød1	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHMRK 4030R0.5 0650	D3R0.5x1.2x8xL50xSD6	3	0.5	1.2	8	2.9	11	50	6	A	●
AHMRK 4030R0.5 0675	D3R0.5x1.2x8xL75xSD6	3	0.5	1.2	8	2.9	11	75	6	A	●
AHMRK 4040R0.5 0650	D4R0.5x1.6x10xL50xSD6	4	0.5	1.6	10	3.9	11	50	6	A	●
AHMRK 4040R0.5 0675	D4R0.5x1.6x10xL75xSD6	4	0.5	1.6	10	3.9	11	75	6	A	●
AHMRK 4030R1.0 0650	D3R1x1.2x8xL50xSD6	3	1	1.2	8	2.9	11	50	6	A	●
AHMRK 4030R1.0 0675	D3R1x1.2x8xL75xSD6	3	1	1.2	8	2.9	11	75	6	A	●
AHMRK 4040R1.0 0650	D4R1x1.6x10xL50xSD6	4	1	1.6	10	3.9	11	50	6	A	●
AHMRK 4040R1.0 0675	D4R1x1.6x10xL75xSD6	4	1	1.6	10	3.9	11	75	6	A	●
AHMRK 4050R1.0 0650	D5R1x2x12xL50xSD6	5	1	2	12	4.85	11	50	6	A	●
AHMRK 4050R1.0 0675	D5R1x2x12xL75xSD6	5	1	2	12	4.85	11	75	6	A	●
AHMRK 4060R1.0 0650	D6R1x2.5x12xL50xSD6	6	1	2.5	12	5.85	-	50	6	B	●
AHMRK 4060R1.0 0675	D6R1x2.5x12xL75xSD6	6	1	2.5	12	5.85	-	75	6	B	●
AHMRK 4080R1.0 0875	D8R1x3.5x16xL75xSD8	8	1	3.5	16	7.8	-	75	8	B	●
AHMRK 4080R1.0 0810	D8R1x3.5x16xL100xSD8	8	1	3.5	16	7.8	-	100	8	B	●
AHMRK 4100R1.0 1075	D10R1x4x20xL75xSD10	10	1	4	20	9.8	-	75	10	B	●
AHMRK 4100R1.0 1010	D10R1x4x20xL100xSD10	10	1	4	20	9.8	-	100	10	B	●
AHMRK 4060R1.5 0650	D6R1.5x2.5x12xL50xSD6	6	1.5	2.5	12	5.85	-	50	6	B	●
AHMRK 4060R1.5 0675	D6R1.5x2.5x12xL75xSD6	6	1.5	2.5	12	5.85	-	75	6	B	●
AHMRK 4100R2.0 1075	D10R2x4x20xL75xSD10	10	2	4	20	9.8	-	75	10	B	●
AHMRK 4100R2.0 1010	D10R2x4x20xL100xSD10	10	2	4	20	9.8	-	100	10	B	●
AHMRK 4120R2.0 1275	D12R2x5x24xL75xSD12	12	2	5	24	11.7	-	75	12	B	●
AHMRK 4120R2.0 1210	D12R2x5x24xL100xSD12	12	2	5	24	11.7	-	100	12	B	●
AHMRK 4120R3.0 1275	D12R3x5x24xL75xSD12	12	3	5	24	11.7	-	75	12	B	●
AHMRK 4120R3.0 1210	D12R3x5x24xL100xSD12	12	3	5	24	11.7	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHMB 2刃球头铣刀



- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
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φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
10<φ≤20	0 ~ -0.018

刃径 φ.dc	R Tolerance
φ≤8	±0.005
φ>8	±0.008

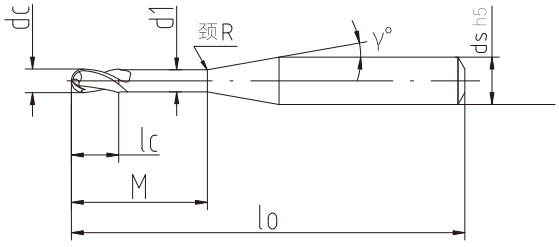
UMG 硬质合金 Carbide | 30° | 直线后角 Straight Relief Angle | ≤ 52 HRC | AX 涂层 Coating

订货编号 · Order code

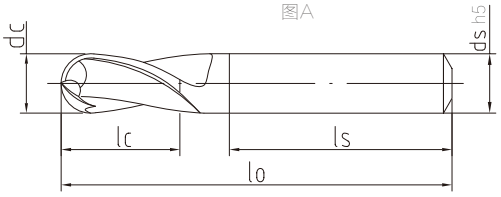
代码 Code	规格型号 Designation	刃径 · dc	圆角半径 · R	刃长 · lc	有效长 · M	颈径 · Ød1	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHMB 2004 0450	D0.4R0.2x0.6xL50xSD4	0.4	0.2	0.6	-	-	2	12	50	4	A	●
AHMB 2005 0450	D0.5R0.25x0.8xL50xSD4	0.5	0.25	0.8	-	-	2	12	50	4	A	●
AHMB 2006 0450	D0.6R0.3x0.9xL50xSD4	0.6	0.3	0.9	-	-	4	12	50	4	A	●
AHMB 2008 0450	D0.8R0.4x1.2xL50xSD4	0.8	0.4	1.2	-	-	4	12	50	4	A	●
AHMB 2010 0450	D1R0.5x0.8x2xL50xSD4	1	0.5	0.8	2	0.94	4	12	50	4	A	●
AHMB 2010 0650	D1R0.5x0.8x2.5xL50xSD6	1	0.5	0.8	2.5	0.94	4	12	50	6	A	●
AHMB 2010 0660	D1R0.5x0.8x2.5xL60xSD6	1	0.5	0.8	2.5	0.94	4	12	60	6	A	●
AHMB 2010 0675	D1R0.5x0.8x2.5xL75xSD6	1	0.5	0.8	2.5	0.94	4	12	75	6	A	●
AHMB 2010 06100	D1R0.5x0.8x2.5xL100xSD6	1	0.5	0.8	2.5	0.94	4	12	100	6	A	●
AHMB 2015 0450	D1.5R0.75x1.2x3xL50xSD4	1.5	0.75	1.2	3	1.42	-	11	50	4	A	●
AHMB 2015 0650	D1.5R0.75x1.2x4xL50xSD6	1.5	0.75	1.2	4	1.42	-	11	50	6	A	●
AHMB 2015 0660	D1.5R0.75x1.2x4xL60xSD6	1.5	0.75	1.2	4	1.42	-	11	60	6	A	●
AHMB 2015 0675	D1.5R0.75x1.2x4xL75xSD6	1.5	0.75	1.2	4	1.42	-	11	75	6	A	●
AHMB 2015 06100	D1.5R0.75x1.2x4xL100xSD6	1.5	0.75	1.2	4	1.42	-	11	100	6	A	●
AHMB 2020 0450	D2R1x1.6x4xL50xSD4	2	1	1.6	4	1.9	-	11	50	4	A	●
AHMB 2020 0650	D2R1x1.6x6xL50xSD6	2	1	1.6	6	1.9	-	11	50	6	A	●
AHMB 2020 0660	D2R1x1.6x6xL60xSD6	2	1	1.6	6	1.9	-	11	60	6	A	●
AHMB 2020 0675	D2R1x1.6x6xL75xSD6	2	1	1.6	6	1.9	-	11	75	6	A	●
AHMB 2020 06100	D2R1x1.6x6xL100xSD6	2	1	1.6	6	1.9	-	11	100	6	A	●
AHMB 2025 0450	D2.5R1.25x2x5xL50xSD4	2.5	1.25	2	5	2.4	-	11	50	4	A	●
AHMB 2025 0650	D2.5R1.25x2x7xL50xSD6	2.5	1.25	2	7	2.4	-	11	50	6	A	●
AHMB 2025 0660	D2.5R1.25x2x7xL60xSD6	2.5	1.25	2	7	2.4	-	11	60	6	A	●
AHMB 2025 0675	D2.5R1.25x2x7xL75xSD6	2.5	1.25	2	7	2.4	-	11	75	6	A	●
AHMB 2025 06100	D2.5R1.25x2x7xL100xSD6	2.5	1.25	2	7	2.4	-	11	100	6	A	●
AHMB 2030 0450	D3R1.5x2.4x6xL50xSD4	3	1.5	2.4	6	2.9	-	11	50	4	A	●
AHMB 2030 0650	D3R1.5x2.4x8xL50xSD6	3	1.5	2.4	8	2.9	-	11	50	6	A	●
AHMB 2030 0660	D3R1.5x2.4x8xL60xSD6	3	1.5	2.4	8	2.9	-	11	60	4	A	●
AHMB 2030 0675	D3R1.5x2.4x8xL75xSD6	3	1.5	2.4	8	2.9	-	11	75	4	A	●
AHMB 2030 06100	D3R1.5x2.4x8xL100xSD6	3	1.5	2.4	8	2.9	-	11	100	4	A	●
AHMB 2040 0450	D4R2x6xL50xSD4	4	2	6	-	-	-	-	50	4	B	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHMB 2刃球头铣刀



图A



图B

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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012
6<φ≤10	0 ~ -0.015
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刃径 φ.dc	R Tolerance
φ≤8	±0.005
φ>8	±0.008

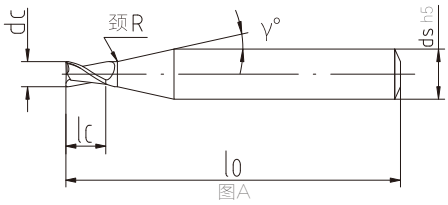
UMG 硬质合金 Carbide | 30° | 直线后角 Straight Relief Angle | ≤ 52 HRC | AX 涂层 Coating

订货编号 · Order code

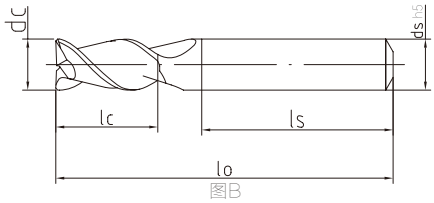
代码 Code	规格型号 Designation	刃径 · dc	圆角半径 · R	刃长 · lc	有效长 · M	颈径 · Ød1	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHMB 2040 0475	D4R2x6xL75xSD4	4	2	6	-	-	-	-	75	4	B	●
AHMB 2040 0650	D4R2x3.2x10xL50xSD6	4	2	3.2	10	3.9	-	11	50	6	A	●
AHMB 2040 0660	D4R2x3.2x10xL60xSD6	4	2	3.2	10	3.9	-	11	60	6	A	●
AHMB 2040 0675	D4R2x3.2x10xL75xSD6	4	2	3.2	10	3.9	-	11	75	6	A	●
AHMB 2040 06100	D4R2x3.2x10xL100xSD6	4	2	3.2	10	3.9	-	11	100	6	A	●
AHMB 2050 0650	D5R2.5x4x12xL50xSD6	5	2.5	4	12	4.85	-	11	50	6	A	●
AHMB 2050 0660	D5R2.5x4x12xL60xSD6	5	2.5	4	12	4.85	-	11	60	6	A	●
AHMB 2050 0675	D5R2.5x4x12xL75xSD6	5	2.5	4	12	4.85	-	11	75	6	A	●
AHMB 2050 06100	D5R2.5x4x12xL100xSD6	5	2.5	4	12	4.85	-	11	100	6	A	●
AHMB 2060 0650	D6R3x9xL50xSD6	6	3	9	-	-	-	-	50	6	B	●
AHMB 2060 0660	D6R3x9xL60xSD6	6	3	9	-	-	-	-	60	6	B	●
AHMB 2060 0675	D6R3x9xL75xSD6	6	3	9	-	-	-	-	75	6	B	●
AHMB 2060 06100	D6R3x9xL100xSD6	6	3	9	-	-	-	-	100	6	B	●
AHMB 2080 0860	D8R4x12xL60xSD8	8	4	12	-	-	-	-	60	8	B	●
AHMB 2080 0875	D8R4x12xL75xSD8	8	4	12	-	-	-	-	75	8	B	●
AHMB 2080 08100	D8R4x12xL100xSD8	8	4	12	-	-	-	-	100	8	B	●
AHMB 2080 08125	D8R4x12xL125xSD8	8	4	12	-	-	-	-	125	8	B	●
AHMB 2080 08150	D8R4x12xL150xSD8	8	4	12	-	-	-	-	150	8	B	●
AHMB 2100 1075	D10R5x15xL75xSD10	10	5	15	-	-	-	-	75	10	B	●
AHMB 2100 10100	D10R5x15xL100xSD10	10	5	15	-	-	-	-	100	10	B	●
AHMB 2100 10125	D10R5x15xL125xSD10	10	5	15	-	-	-	-	125	10	B	●
AHMB 2100 10150	D10R5x15xL150xSD10	10	5	15	-	-	-	-	150	10	B	●
AHMB 2120 1275	D12R6x18xL75xSD12	12	6	18	-	-	-	-	75	12	B	●
AHMB 2120 12100	D12R6x18xL100xSD12	12	6	18	-	-	-	-	100	12	B	●
AHMB 2120 12125	D12R6x18xL125xSD12	12	6	18	-	-	-	-	125	12	B	●
AHMB 2120 12150	D12R6x18xL150xSD12	12	6	18	-	-	-	-	150	12	B	●
AHMB 2160 16100	D16R8x24xL100xSD16	16	8	24	-	-	-	-	100	16	B	●
AHMB 2160 16150	D16R8x24xL150xSD16	16	8	24	-	-	-	-	150	16	B	●

AHNO 阿诺
Cutting Tool Technology

AHME 2刃平头铣刀



图A



图B

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012
6<ϕ≤10	0 ~ -0.015
10<ϕ≤20	0 ~ -0.018

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	刃长·lc	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHME 2004 0450	D0.4x1.2xL50xSD4	0.4	1.2	2	12	50	4	A	●
AHME 2005 0450	D0.5x1.5xL50xSD4	0.5	1.5	2	12	50	4	A	●
AHME 2006 0450	D0.6x1.8xL50xSD4	0.6	1.8	4	12	50	4	A	●
AHME 2008 0450	D0.8x2.4xL50xSD4	0.8	2.4	4	12	50	4	A	●
AHME 2010 0450	D1x3xL50xSD4	1	3	4	12	50	4	A	●
AHME 2010 0650	D1x3xL50xSD6	1	3	4	12	50	6	A	●
AHME 2015 0450	D1.5x4xL50xSD4	1.5	4	-	11	50	4	A	●
AHME 2015 0650	D1.5x4xL50xSD6	1.5	4	-	11	50	6	A	●
AHME 2020 0450	D2x5xL50xSD4	2	5	-	11	50	4	A	●
AHME 2020 0650	D2x5xL50xSD6	2	5	-	11	50	6	A	●
AHME 2025 0450	D2.5x6.5xL50xSD4	2.5	6.5	-	11	50	4	A	●
AHME 2025 0650	D2.5x6.5xL50xSD6	2.5	6.5	-	11	50	6	A	●
AHME 2030 0450	D3x7.5xL50xSD4	3	7.5	-	11	50	4	A	●
AHME 2030 0650	D3x7.5xL50xSD6	3	7.5	-	11	50	6	A	●
AHME 2030 0660	D3x7.5xL60xSD6	3	7.5	-	11	60	6	A	●
AHME 2030 0675	D3x7.5xL75xSD6	3	7.5	-	11	75	6	A	●
AHME 2040 0450	D4x10xL50xSD4	4	10	-	-	50	4	B	●
AHME 2040 0475	D4x10xL75xSD4	4	10	-	-	75	4	B	●
AHME 2040 0650	D4x10xL50xSD6	4	10	-	11	50	6	A	●
AHME 2040 0660	D4x10xL60xSD6	4	10	-	11	60	6	A	●
AHME 2040 0675	D4x10xL75xSD6	4	10	-	11	75	6	A	●
AHME 2050 0650	D5x12.5xL50xSD6	5	12.5	-	11	50	6	A	●
AHME 2050 0675	D5x12.5xL75xSD6	5	12.5	-	11	75	6	A	●
AHME 2060 0650	D6x15xL50xSD6	6	15	-	-	50	6	B	●
AHME 2060 0660	D6x15xL60xSD6	6	15	-	-	60	6	B	●
AHME 2060 0675	D6x15xL75xSD6	6	15	-	-	75	6	B	●
AHME 2060 06100	D6x15xL100xSD6	6	15	-	-	100	6	B	●
AHME 2080 0860	D8x20xL60xSD8	8	20	-	-	60	8	B	●
AHME 2080 0875	D8x20xL75xSD8	8	20	-	-	75	8	B	●
AHME 2080 08100	D8x20xL100xSD8	8	20	-	-	100	8	B	●

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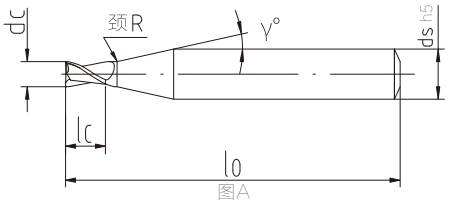
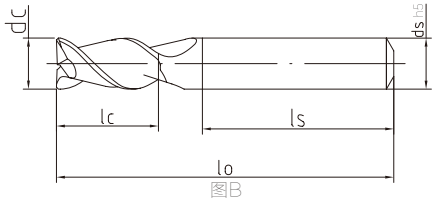
AHME 2刃平头铣刀



图A



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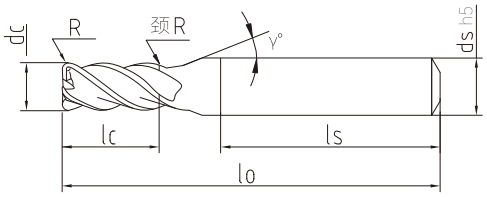
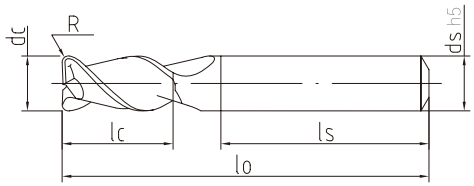
AHME 2100 1075	D10x25xL75xSD10	10	25	-	-	75	10	B	●
AHME 2100 10100	D10x25xL100xSD10	10	25	-	-	100	10	B	●
AHME 2120 1275	D12x30xL75xSD12	12	30	-	-	75	12	B	●
AHME 2120 12100	D12x30xL100xSD12	12	30	-	-	100	12	B	●
AHME 2140 1475	D14x35xL75xSD14	14	35	-	-	75	14	B	●
AHME 2140 14100	D14x35xL100xSD14	14	35	-	-	100	14	B	●
AHME 2160 16100	D16x40xL100xSD16	16	40	-	-	100	16	B	●
AHME 2160 16150	D16x40xL150xSD16	16	40	-	-	150	16	B	●
AHME 2200 20100	D20x50xL100xSD20	20	50	-	-	100	20	B	●
AHME 2200 20150	D20x50xL150xSD20	20	50	-	-	150	20	B	●

AHNO 阿诺
Cutting Tool Technology

AHMR 2刃圆鼻铣刀



图A



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刃径 φ.dc	R Tolerance
φ≤12	±0.005

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

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AHMR 2010R0.2 0450	D1R0.2x2xL50xSD4	1	0.2	2	4	12	50	4	A	●
AHMR 2015R0.2 0450	D1.5R0.2x3xL50xSD4	1.5	0.2	3	-	11	50	4	A	●
AHMR 2020R0.2 0450	D2R0.2x4xL50xSD4	2	0.2	4	-	11	50	4	A	●
AHMR 2025R0.2 0450	D2.5R0.2x5xL50xSD4	2.5	0.2	5	-	11	50	4	A	●
AHMR 2030R0.2 0450	D3R0.2x6xL50xSD4	3	0.2	6	-	11	50	4	A	●
AHMR 2030R0.2 0650	D3R0.2x6xL50xSD6	3	0.2	6	-	11	50	6	A	●
AHMR 2030R0.2 0660	D3R0.2x6xL60xSD6	3	0.2	6	-	11	60	6	A	●
AHMR 2030R0.2 0675	D3R0.2x6xL75xSD6	3	0.2	6	-	11	75	6	A	●
AHMR 2040R0.2 0450	D4R0.2x8xL50xSD4	4	0.2	8	-	-	50	4	B	●
AHMR 4040R0.5 0460	D4R0.2x8xL60xSD4	4	0.2	8	-	-	60	4	B	●
AHMR 2040R0.2 0475	D4R0.2x8xL75xSD4	4	0.2	8	-	-	75	4	B	●
AHMR 2040R0.2 0650	D4R0.2x8xL50xSD6	4	0.2	8	-	11	50	6	A	●
AHMR 2040R0.2 0660	D4R0.2x8xL60xSD6	4	0.2	8	-	11	60	6	A	●
AHMR 2040R0.2 0675	D4R0.2x8xL75xSD6	4	0.2	8	-	11	75	6	A	●
AHMR 2020R0.5 0450	D2R0.5x4xL50xSD4	2	0.5	4	-	11	50	4	A	●
AHMR 2025R0.5 0450	D2.5R0.5x5xL50xSD4	2.5	0.5	5	-	11	50	4	A	●
AHMR 2030R0.5 0450	D3R0.5x6xL50xSD4	3	0.5	6	-	11	50	4	A	●
AHMR 2030R0.5 0650	D3R0.5x6xL50xSD6	3	0.5	6	-	11	50	6	A	●
AHMR 2030R0.5 0660	D3R0.5x6xL60xSD6	3	0.5	6	-	11	60	6	A	●
AHMR 2030R0.5 0675	D3R0.5x6xL75xSD6	3	0.5	6	-	11	75	6	A	●
AHMR 2040R0.5 0450	D4R0.5x8xL50xSD4	4	0.5	8	-	-	50	4	B	●
AHMR 4040R0.5 0460	D4R0.5x8xL60xSD4	4	0.5	8	-	-	60	4	B	●
AHMR 2040R0.5 0475	D4R0.5x8xL75xSD4	4	0.5	8	-	-	75	4	B	●
AHMR 2040R0.5 0650	D4R0.5x8xL50xSD6	4	0.5	8	-	11	50	6	A	●
AHMR 2040R0.5 0660	D4R0.5x8xL60xSD6	4	0.5	8	-	11	60	6	A	●
AHMR 2040R0.5 0675	D4R0.5x8xL75xSD6	4	0.5	8	-	11	75	6	A	●
AHMR 2060R0.5 0650	D6R0.5x12xL50xSD6	6	0.5	12	-	-	50	6	B	●
AHMR 2060R0.5 0660	D6R0.5x12xL60xSD6	6	0.5	12	-	-	60	6	B	●
AHMR 2060R0.5 0675	D6R0.5x12xL75xSD6	6	0.5	12	-	-	75	6	B	●
AHMR 2060R0.5 06100	D6R0.5x12xL100xSD6	6	0.5	12	-	-	100	6	B	●

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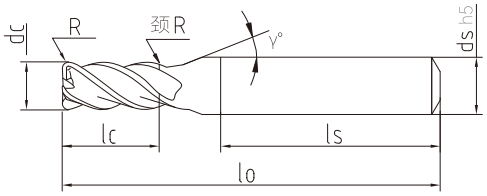
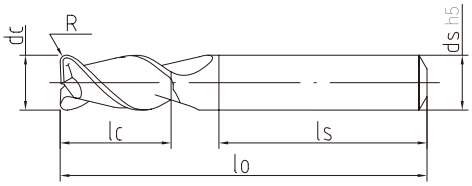
AHMR 2刃圆鼻铣刀



图A



图B

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UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

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AHMR 2080R0.5 0860	D8R0.5x16xL60xSD8	8	0.5	16	-	-	60	8	B	●
AHMR 2080R0.5 0875	D8R0.5x16xL75xSD8	8	0.5	16	-	-	75	8	B	●
AHMR 2080R0.5 08100	D8R0.5x16xL100xSD8	8	0.5	16	-	-	100	8	B	●
AHMR 2100R0.5 1075	D10R0.5x20xL75xSD10	10	0.5	20	-	-	75	10	B	●
AHMR 2100R0.5 10100	D10R0.5x20xL100xSD10	10	0.5	20	-	-	100	10	B	●
AHMR 2120R0.5 1275	D12R0.5x24xL75xSD12	12	0.5	24	-	-	75	12	B	●
AHMR 2120R0.5 12100	D12R0.5x24xL100xSD12	12	0.5	24	-	-	100	12	B	●
AHMR 2040R1.0 0450	D4R1x8xL50xSD4	4	1.0	8	-	-	50	4	B	●
AHMR 4040R1.0 0460	D4R1x8xL75xSD4	4	1.0	8	-	-	75	4	B	●
AHMR 2040R1.0 0475	D4R1x8xL75xSD4	4	1.0	8	-	-	75	4	B	●
AHMR 2040R1.0 0650	D4R1x8xL50xSD6	4	1.0	8	-	11	50	6	A	●
AHMR 2040R1.0 0660	D4R1x8xL60xSD6	4	1.0	8	-	11	60	6	A	●
AHMR 2040R1.0 0675	D4R1x8xL75xSD6	4	1.0	8	-	11	75	6	A	●
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AHMR 2060R1.0 0660	D6R1x12xL60xSD6	6	1.0	12	-	-	60	6	B	●
AHMR 2060R1.0 0675	D6R1x12xL75xSD6	6	1.0	12	-	-	75	6	B	●
AHMR 2060R1.0 06100	D6R1x12xL100xSD6	6	1.0	12	-	-	100	6	B	●
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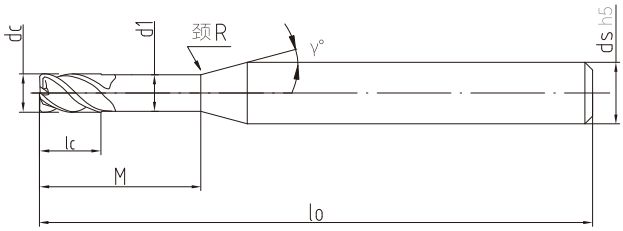
AHMR 2080R1.0 0875	D8R1x16xL75xSD8	8	1.0	16	-	-	75	8	B	●
AHMR 2080R1.0 08100	D8R1x16xL100xSD8	8	1.0	16	-	-	100	8	B	●
AHMR 2100R1.0 1075	D10R1x20xL75xSD10	10	1.0	20	-	-	75	10	B	●
AHMR 2100R1.0 10100	D10R1x20xL100xSD10	10	1.0	20	-	-	100	10	B	●
AHMR 2120R1.0 1275	D12R1x24xL75xSD12	12	1.0	24	-	-	75	12	B	●
AHMR 2120R1.0 12100	D12R1x24xL100xSD12	12	1.0	24	-	-	100	12	B	●
AHMR 2120R2.0 1275	D12R2x24xL75xSD12	12	2.0	24	-	-	75	12	B	●
AHMR 2120R2.0 12100	D12R2x24xL100xSD12	12	2.0	24	-	-	100	12	B	●

AHNO 阿诺
Cutting Tool Technology

AHMEL 4刃长颈平头铣刀



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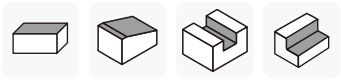
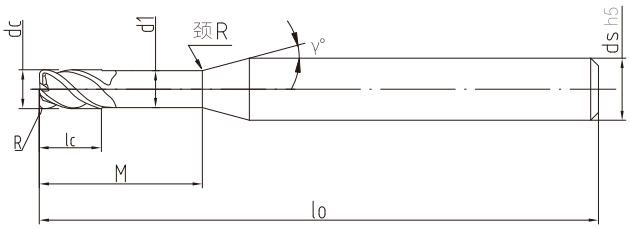


订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	刃长·lc	有效长·M	颈径·Ød1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMEL 4010L4 0450	D1x0.8x4xL50xSD4	1	0.8	4	0.94	4	12	50	4	A	●
AHMEL 4010L6 0450	D1x0.8x6xL50xSD4	1	0.8	6	0.94	4	12	50	4	A	●
AHMEL 4010L8 0450	D1x0.8x8xL50xSD4	1	0.8	8	0.94	4	12	50	4	A	●
AHMEL 4010L10 0450	D1x0.8x10xL50xSD4	1	0.8	10	0.94	4	12	50	4	A	●
AHMEL 4015L6 0450	D1.5x1.2x6xL50xSD4	1.5	1.2	6	1.42	-	11	50	4	A	●
AHMEL 4015L8 0450	D1.5x1.2x8xL50xSD4	1.5	1.2	8	1.42	-	11	50	4	A	●
AHMEL 4015L10 0450	D1.5x1.2x10xL50xSD4	1.5	1.2	10	1.42	-	11	50	4	A	●
AHMEL 4015L12 0450	D1.5x1.2x12xL50xSD4	1.5	1.2	12	1.42	-	11	50	4	A	●
AHMEL 4020L8 0450	D2x1.6x8xL50xSD4	2	1.6	8	1.9	-	11	50	4	A	●
AHMEL 4020L10 0450	D2x1.6x10xL50xSD4	2	1.6	10	1.9	-	11	50	4	A	●
AHMEL 4020L12 0450	D2x1.6x12xL50xSD4	2	1.6	12	1.9	-	11	50	4	A	●
AHMEL 4020L16 0450	D2x1.6x16xL50xSD4	2	1.6	16	1.9	-	11	50	4	A	●
AHMEL 4025L10 0450	D2.5x2x10xL50xSD4	2.5	2	10	2.4	-	11	50	4	A	●
AHMEL 4025L12 0450	D2.5x2x12xL50xSD4	2.5	2	12	2.4	-	11	50	4	A	●
AHMEL 4025L16 0450	D2.5x2x16xL50xSD4	2.5	2	16	2.4	-	11	50	4	A	●
AHMEL 4025L20 0450	D2.5Rx2x20xL50xSD4	2.5	2	20	2.4	-	11	50	4	A	●
AHMEL 4030L10 0660	D3x2.4x10xL60xSD6	3	2.4	10	2.9	-	11	60	6	A	●
AHMEL 4030L12 0660	D3x2.4x12xL60xSD6	3	2.4	12	2.9	-	11	60	6	A	●
AHMEL 4030L16 0660	D3x2.4x16xL60xSD6	3	2.4	16	2.9	-	11	60	6	A	●
AHMEL 4030L20 0660	D3x2.4x20xL60xSD6	3	2.4	20	2.9	-	11	60	6	A	●
AHMEL 4030L25 0675	D3x2.4x25xL75xSD6	3	2.4	25	2.9	-	11	75	6	A	●
AHMEL 4040L12 0660	D4x3.2x12xL60xSD6	4	3.2	12	3.9	-	11	60	6	A	●
AHMEL 4040L16 0660	D4x3.2x16xL60xSD6	4	3.2	16	3.9	-	11	60	6	A	●
AHMEL 4040L20 0660	D4x3.2x20xL60xSD6	4	3.2	20	3.9	-	11	60	6	A	●
AHMEL 4040L25 0675	D4x3.2x25xL75xSD6	4	3.2	25	3.9	-	11	75	6	A	●
AHMEL 4040L30 0675	D4x3.2x30xL75xSD6	4	3.2	30	3.9	-	11	75	6	A	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHMRL 4刃长颈圆鼻铣刀



图A

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 高精度圆弧角可防止高速切削时崩刃；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；
- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision arc angle can prevent chipping during high speed cutting.
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012

刃径 ϕ.dc	R Tolerance
ϕ≤4	±0.005

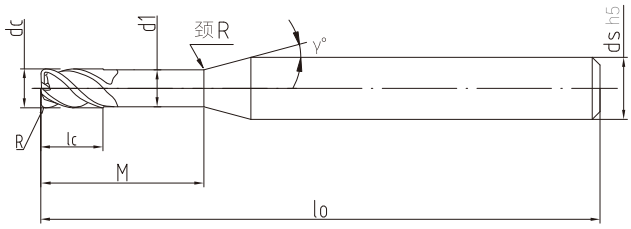
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号 · Order code

代码 Code	规格型号 Designation	刃径 · dc	圆角半径 · R	刃长 · lc	有效长 · M	颈径 · Ød1	颈R · R	柄锥角度 · γ /°	全长 · lo	柄径 · ds	图示 Graph	库存 Inventory
AHMRL 4010R0.1L4 0450	D1R0.1x0.8x4xL50xSD4	1	0.1	0.8	4	0.94	4	12	50	4	A	●
AHMRL 4010R0.1L6 0450	D1R0.1x0.8x6xL50xSD4	1	0.1	0.8	6	0.94	4	12	50	4	A	●
AHMRL 4010R0.1L8 0450	D1R0.1x0.8x8xL50xSD4	1	0.1	0.8	8	0.94	4	12	50	4	A	●
AHMRL 4010R0.1L10 0450	D1R0.1x0.8x10xL50xSD4	1	0.1	0.8	10	0.94	4	12	50	4	A	●
AHMRL 4010R0.2L4 0450	D1R0.2x0.8x4xL50xSD4	1	0.2	0.8	4	0.94	4	12	50	4	A	●
AHMRL 4010R0.2L6 0450	D1R0.2x0.8x6xL50xSD4	1	0.2	0.8	6	0.94	4	12	50	4	A	●
AHMRL 4010R0.2L8 0450	D1R0.2x0.8x8xL50xSD4	1	0.2	0.8	8	0.94	4	12	50	4	A	●
AHMRL 4010R0.2L10 0450	D1R0.2x0.8x10xL50xSD4	1	0.2	0.8	10	0.94	4	12	50	4	A	●
AHMRL 4015R0.1L6 0450	D1.5R0.1x1.2x6xL50xSD4	1.5	0.1	1.2	6	1.42	-	11	50	4	A	●
AHMRL 4015R0.1L8 0450	D1.5R0.1x1.2x8xL50xSD4	1.5	0.1	1.2	8	1.42	-	11	50	4	A	●
AHMRL 4015R0.1L10 0450	D1.5R0.1x1.2x10xL50xSD4	1.5	0.1	1.2	10	1.42	-	11	50	4	A	●
AHMRL 4015R0.1L12 0450	D1.5R0.1x1.2x12xL50xSD4	1.5	0.1	1.2	12	1.42	-	11	50	4	A	●
AHMRL 4015R0.2L6 0450	D1.5R0.2x1.2x6xL50xSD4	1.5	0.2	1.2	6	1.42	-	11	50	4	A	●
AHMRL 4015R0.2L8 0450	D1.5R0.2x1.2x8xL50xSD4	1.5	0.2	1.2	8	1.42	-	11	50	4	A	●
AHMRL 4015R0.2L10 0450	D1.5R0.2x1.2x10xL50xSD4	1.5	0.2	1.2	10	1.42	-	11	50	4	A	●
AHMRL 4015R0.2L12 0450	D1.5R0.2x1.2x12xL50xSD4	1.5	0.2	1.2	12	1.42	-	11	50	4	A	●
AHMRL 4020R0.1L8 0450	D2R0.1x1.6x8xL50xSD4	2	0.1	1.6	8	1.9	-	11	50	4	A	●
AHMRL 4020R0.1L10 0450	D2R0.1x1.6x10xL50xSD4	2	0.1	1.6	10	1.9	-	11	50	4	A	●
AHMRL 4020R0.1L12 0450	D2R0.1x1.6x12xL50xSD4	2	0.1	1.6	12	1.9	-	11	50	4	A	●
AHMRL 4020R0.1L16 0450	D2R0.1x1.6x16xL50xSD4	2	0.1	1.6	16	1.9	-	11	50	4	A	●
AHMRL 4020R0.2L8 0450	D2R0.2x1.6x8xL50xSD4	2	0.2	1.6	8	1.9	-	11	50	4	A	●
AHMRL 4020R0.2L10 0450	D2R0.2x1.6x10xL50xSD4	2	0.2	1.6	10	1.9	-	11	50	4	A	●
AHMRL 4020R0.2L12 0450	D2R0.2x1.6x12xL50xSD4	2	0.2	1.6	12	1.9	-	11	50	4	A	●
AHMRL 4020R0.2L16 0450	D2R0.2x1.6x16xL50xSD4	2	0.2	1.6	16	1.9	-	11	50	4	A	●
AHMRL 4020R0.5L8 0450	D2R0.5x1.6x8xL50xSD4	2	0.5	1.6	8	1.9	-	11	50	4	A	●
AHMRL 4020R0.5L10 0450	D2R0.5x1.6x10xL50xSD4	2	0.5	1.6	10	1.9	-	11	50	4	A	●
AHMRL 4020R0.5L12 0450	D2R0.5x1.6x12xL50xSD4	2	0.5	1.6	12	1.9	-	11	50	4	A	●
AHMRL 4020R0.5L16 0450	D2R0.5x1.6x16xL50xSD4	2	0.5	1.6	16	1.9	-	11	50	4	A	●
AHMRL 4030R0.1L10 0660	D3R0.1x2.4x10xL60xSD6	3	0.1	2.4	10	2.9	-	11	60	6	A	●
AHMRL 4030R0.1L12 0660	D3R0.1x2.4x12xL60xSD6	3	0.1	2.4	12	2.9	-	11	60	6	A	●
AHMRL 4030R0.1L16 0660	D3R0.1x2.4x16xL60xSD6	3	0.1	2.4	16	2.9	-	11	60	6	A	●

AHNO 阿诺
Cutting Tool Technology

AHMRL 4刃长颈圆鼻铣刀



图A

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012

刃径 φ.dc	R Tolerance
φ≤4	±0.005

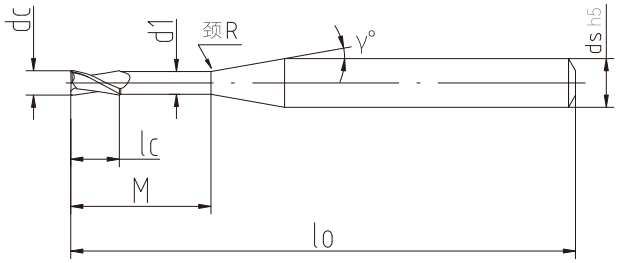
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·Ød1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMRL 4030R0.1L20 0660	D3R0.1x2.4x20xL60xSD6	3	0.1	2.4	20	2.9	-	11	60	6	A	●
AHMRL 4030R0.1L25 0675	D3R0.1x2.4x25xL75xSD6	3	0.1	2.4	25	2.9	-	11	75	6	A	●
AHMRL 4030R0.2L10 0660	D3R0.2x2.4x10xL60xSD6	3	0.2	2.4	10	2.9	-	11	60	6	A	●
AHMRL 4030R0.2L12 0660	D3R0.2x2.4x12xL60xSD6	3	0.2	2.4	12	2.9	-	11	60	6	A	●
AHMRL 4030R0.2L16 0660	D3R0.2x2.4x16xL60xSD6	3	0.2	2.4	16	2.9	-	11	60	6	A	●
AHMRL 4030R0.2L20 0660	D3R0.2x2.4x20xL60xSD6	3	0.2	2.4	20	2.9	-	11	60	6	A	●
AHMRL 4030R0.2L25 0675	D3R0.2x2.4x25xL75xSD6	3	0.2	2.4	25	2.9	-	11	75	6	A	●
AHMRL 4030R0.5L10 0660	D3R0.5x2.4x10xL60xSD6	3	0.5	2.4	10	2.9	-	11	60	6	A	●
AHMRL 4030R0.5L12 0660	D3R0.5x2.4x12xL60xSD6	3	0.5	2.4	12	2.9	-	11	60	6	A	●
AHMRL 4030R0.5L16 0660	D3R0.5x2.4x16xL60xSD6	3	0.5	2.4	16	2.9	-	11	60	6	A	●
AHMRL 4030R0.5L20 0660	D3R0.5x2.4x20xL60xSD6	3	0.5	2.4	20	2.9	-	11	60	6	A	●
AHMRL 4030R0.5L25 0675	D3R0.5x2.4x25xL75xSD6	3	0.5	2.4	25	2.9	-	11	75	6	A	●
AHMRL 4040R0.1L12 0660	D4R0.1x3.2x12xL60xSD6	4	0.1	3.2	12	3.9	-	11	60	6	A	●
AHMRL 4040R0.1L16 0660	D4R0.1x3.2x16xL60xSD6	4	0.1	3.2	16	3.9	-	11	60	6	A	●
AHMRL 4040R0.1L20 0660	D4R0.1x3.2x20xL60xSD6	4	0.1	3.2	20	3.9	-	11	60	6	A	●
AHMRL 4040R0.1L25 0675	D4R0.1x3.2x25xL75xSD6	4	0.1	3.2	25	3.9	-	11	75	6	A	●
AHMRL 4040R0.1L30 0675	D4R0.1x3.2x30xL75xSD6	4	0.1	3.2	30	3.9	-	11	75	6	A	●
AHMRL 4040R0.2L12 0660	D4R0.2x3.2x12xL60xSD6	4	0.2	3.2	12	3.9	-	11	60	6	A	●
AHMRL 4040R0.2L16 0660	D4R0.2x3.2x16xL60xSD6	4	0.2	3.2	16	3.9	-	11	60	6	A	●
AHMRL 4040R0.2L20 0660	D4R0.2x3.2x20xL60xSD6	4	0.2	3.2	20	3.9	-	11	60	6	A	●
AHMRL 4040R0.2L25 0675	D4R0.2x3.2x25xL75xSD6	4	0.2	3.2	25	3.9	-	11	75	6	A	●
AHMRL 4040R0.2L30 0675	D4R0.2x3.2x30xL75xSD6	4	0.2	3.2	30	3.9	-	11	75	6	A	●
AHMRL 4040R0.5L12 0660	D4R0.5x3.2x12xL60xSD6	4	0.5	3.2	12	3.9	-	11	60	6	A	●
AHMRL 4040R0.5L16 0660	D4R0.5x3.2x16xL60xSD6	4	0.5	3.2	16	3.9	-	11	60	6	A	●
AHMRL 4040R0.5L20 0660	D4R0.5x3.2x20xL60xSD6	4	0.5	3.2	20	3.9	-	11	60	6	A	●
AHMRL 4040R0.5L25 0675	D4R0.5x3.2x25xL75xSD6	4	0.5	3.2	25	3.9	-	11	75	6	A	●
AHMRL 4040R0.5L30 0675	D4R0.5x3.2x30xL75xSD6	4	0.5	3.2	30	3.9	-	11	75	6	A	●
AHMRL 4040R1.0L12 0660	D4R1x3.2x12xL60xSD6	4	1.0	3.2	12	3.9	-	11	60	6	A	●
AHMRL 4040R1.0L16 0660	D4R1x3.2x16xL60xSD6	4	1.0	3.2	16	3.9	-	11	60	6	A	●
AHMRL 4040R1.0L20 0660	D4R1x3.2x20xL60xSD6	4	1.0	3.2	20	3.9	-	11	60	6	A	●
AHMRL 4040R1.0L25 0675	D4R1x3.2x25xL75xSD6	4	1.0	3.2	25	3.9	-	11	75	6	A	●
AHMRL 4040R1.0L30 0675	D4R1x3.2x30xL75xSD6	4	1.0	3.2	30	3.9	-	11	75	6	A	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHMEL 2刃长颈平头铣刀



图A

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；
- Designed for machining HRC≤52 materials;
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- Designed for high precision milling;
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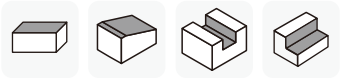
刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

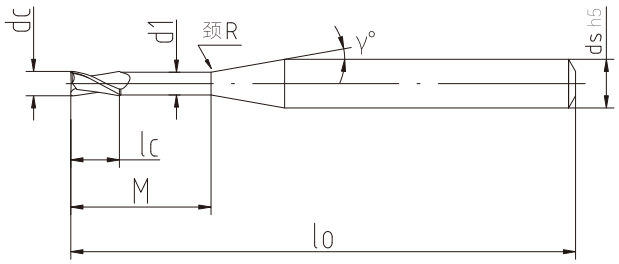


订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	刃长·lc	有效长·M	颈径·∅d1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMEL 2004L2 0450	D0.4x0.3x2xL50xSD4	0.4	0.3	2	0.36	2	12	50	4	A	●
AHMEL 2004L3 0450	D0.4x0.3x3xL50xSD4	0.4	0.3	3	0.36	2	12	50	4	A	●
AHMEL 2005L2 0450	D0.5x0.4x2xL50xSD4	0.5	0.4	2	0.46	2	12	50	4	A	●
AHMEL 2005L3 0450	D0.5x0.4x3xL50xSD4	0.5	0.4	3	0.46	2	12	50	4	A	●
AHMEL 2005L4 0450	D0.5x0.4x4xL50xSD4	0.5	0.4	4	0.46	2	12	50	4	A	●
AHMEL 2006L2 0450	D0.6x0.5x2xL50xSD4	0.6	0.5	2	0.56	4	12	50	4	A	●
AHMEL 2006L3 0450	D0.6x0.5x3xL50xSD4	0.6	0.5	3	0.56	4	12	50	4	A	●
AHMEL 2006L4 0450	D0.6x0.5x4xL50xSD4	0.6	0.5	4	0.56	4	12	50	4	A	●
AHMEL 2008L4 0450	D0.8x0.7x4xL50xSD4	0.8	0.7	4	0.76	4	12	50	4	A	●
AHMEL 2008L6 0450	D0.8x0.7x6xL50xSD4	0.8	0.7	6	0.76	4	12	50	4	A	●
AHMEL 2010L4 0450	D1x0.8x4xL50xSD4	1	0.8	4	0.94	4	12	50	4	A	●
AHMEL 2010L6 0450	D1x0.8x6xL50xSD4	1	0.8	6	0.94	4	12	50	4	A	●
AHMEL 2010L8 0450	D1x0.8x8xL50xSD4	1	0.8	8	0.94	4	12	50	4	A	●
AHMEL 2010L10 0450	D1x0.8x10xL50xSD4	1	0.8	10	0.94	4	12	50	4	A	●
AHMEL 2015L6 0450	D1.5x1.2x6xL50xSD4	1.5	1.2	6	1.42	-	11	50	4	A	●
AHMEL 2015L8 0450	D1.5x1.2x8xL50xSD4	1.5	1.2	8	1.42	-	11	50	4	A	●
AHMEL 2015L10 0450	D1.5x1.2x10xL50xSD4	1.5	1.2	10	1.42	-	11	50	6	A	●
AHMEL 2015L12 0450	D1.5x1.2x12xL50xSD4	1.5	1.2	12	1.42	-	11	50	6	A	●

AHNO 阿诺
Cutting Tool Technology

AHMEL 2刃长颈平头铣刀



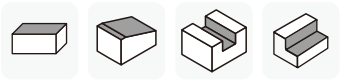
图A

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 为高精度铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- Designed for high precision milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012

UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

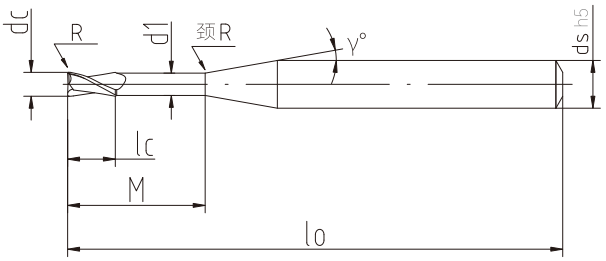


订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	刃长·lc	有效长·M	颈径·∅d1	颈R ·R	柄锥角度·γ /°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMEL 2020L8 0450	D2x1.6x8xL50xSD4	2	1.6	8	1.9	-	11	50	6	A	●
AHMEL 2020L10 0450	D2x1.6x10xL50xSD4	2	1.6	10	1.9	-	11	50	6	A	●
AHMEL 2020L12 0450	D2x1.6x12xL50xSD4	2	1.6	12	1.9	-	11	50	6	A	●
AHMEL 2020L16 0450	D2x1.6x16xL50xSD4	2	1.6	16	1.9	-	11	50	6	A	●
AHMEL 2025L10 0450	D2.5x2x10xL50xSD4	2.5	2	10	2.4	-	11	50	6	A	●
AHMEL 2025L12 0450	D2.5x2x12xL50xSD4	2.5	2	12	2.4	-	11	50	6	A	●
AHMEL 2025L16 0450	D2.5x2x16xL50xSD4	2.5	2	16	2.4	-	11	50	6	A	●
AHMEL 2025L20 0450	D2.5Rx2x20xL50xSD4	2.5	2	20	2.4	-	11	50	6	A	●
AHMEL 2030L10 0660	D3x2.4x10xL60xSD6	3	2.4	10	2.9	-	11	60	6	A	●
AHMEL 2030L12 0660	D3x2.4x12xL60xSD6	3	2.4	12	2.9	-	11	60	6	A	●
AHMEL 2030L16 0660	D3x2.4x16xL60xSD6	3	2.4	16	2.9	-	11	60	6	A	●
AHMEL 2030L20 0660	D3x2.4x20xL60xSD6	3	2.4	20	2.9	-	11	60	6	A	●
AHMEL 2030L25 0675	D3x2.4x25xL75xSD6	3	2.4	25	2.9	-	11	75	6	A	●
AHMEL 2040L12 0660	D4x3.2x12xL60xSD6	4	3.2	12	3.9	-	11	60	6	A	●
AHMEL 2040L16 0660	D4x3.2x16xL60xSD6	4	3.2	16	3.9	-	11	60	6	A	●
AHMEL 2040L20 0660	D4x3.2x20xL60xSD6	4	3.2	20	3.9	-	11	60	6	A	●
AHMEL 2040L25 0675	D4x3.2x25xL75xSD6	4	3.2	25	3.9	-	11	75	6	A	●
AHMEL 2040L30 0675	D4x3.2x30xL75xSD6	4	3.2	30	3.9	-	11	75	6	A	●

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

AHMRL 2刃长颈圆鼻铣刀



图A

- 专为加工HRC≤52以下材料设计；
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- High precision arc angle can prevent chipping during high speed cutting.
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刃径 φ.dc	φ.dc Tolerance
φ≤3	0 ~ -0.010
3<φ≤6	0 ~ -0.012

刃径 φ.dc	R Tolerance
φ≤4	±0.005

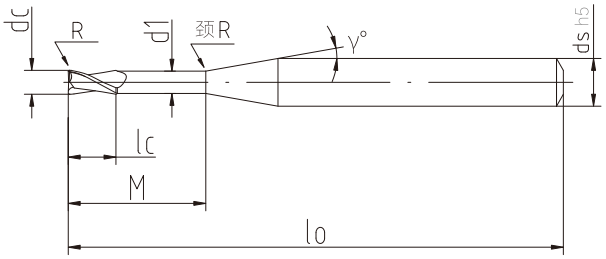
UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·Ød1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMRL 2010R0.1L4 0450	D1R0.1x0.8x4xL50xSD4	1	0.1	0.8	4	0.94	4	12	50	4	A	●
AHMRL 2010R0.1L6 0450	D1R0.1x0.8x6xL50xSD4	1	0.1	0.8	6	0.94	4	12	50	4	A	●
AHMRL 2010R0.1L8 0450	D1R0.1x0.8x8xL50xSD4	1	0.1	0.8	8	0.94	4	12	50	4	A	●
AHMRL 2010R0.1L10 0450	D1R0.1x0.8x10xL50xSD4	1	0.1	0.8	10	0.94	4	12	50	4	A	●
AHMRL 2010R0.2L4 0450	D1R0.2x0.8x4xL50xSD4	1	0.2	0.8	4	0.94	4	12	50	4	A	●
AHMRL 2010R0.2L6 0450	D1R0.2x0.8x6xL50xSD4	1	0.2	0.8	6	0.94	4	12	50	4	A	●
AHMRL 2010R0.2L8 0450	D1R0.2x0.8x8xL50xSD4	1	0.2	0.8	8	0.94	4	12	50	4	A	●
AHMRL 2010R0.2L10 0450	D1R0.2x0.8x10xL50xSD4	1	0.2	0.8	10	0.94	4	12	50	4	A	●
AHMRL 2015R0.1L6 0450	D1.5R0.1x1.2x6xL50xSD4	1.5	0.1	1.2	6	1.42	-	11	50	4	A	●
AHMRL 2015R0.1L8 0450	D1.5R0.1x1.2x8xL50xSD4	1.5	0.1	1.2	8	1.42	-	11	50	4	A	●
AHMRL 2015R0.1L10 0450	D1.5R0.1x1.2x10xL50xSD4	1.5	0.1	1.2	10	1.42	-	11	50	4	A	●
AHMRL 2015R0.1L12 0450	D1.5R0.1x1.2x12xL50xSD4	1.5	0.1	1.2	12	1.42	-	11	50	4	A	●
AHMRL 2015R0.2L6 0450	D1.5R0.2x1.2x6xL50xSD4	1.5	0.2	1.2	6	1.42	-	11	50	4	A	●
AHMRL 2015R0.2L8 0450	D1.5R0.2x1.2x8xL50xSD4	1.5	0.2	1.2	8	1.42	-	11	50	4	A	●
AHMRL 2015R0.2L10 0450	D1.5R0.2x1.2x10xL50xSD4	1.5	0.2	1.2	10	1.42	-	11	50	4	A	●
AHMRL 2015R0.2L12 0450	D1.5R0.2x1.2x12xL50xSD4	1.5	0.2	1.2	12	1.42	-	11	50	4	A	●
AHMRL 2020R0.1L8 0450	D2R0.1x1.6x8xL50xSD4	2	0.1	1.6	8	1.9	-	11	50	4	A	●
AHMRL 2020R0.1L10 0450	D2R0.1x1.6x10xL50xSD4	2	0.1	1.6	10	1.9	-	11	50	4	A	●
AHMRL 2020R0.1L12 0450	D2R0.1x1.6x12xL50xSD4	2	0.1	1.6	12	1.9	-	11	50	4	A	●
AHMRL 2020R0.1L16 0450	D2R0.1x1.6x16xL50xSD4	2	0.1	1.6	16	1.9	-	11	50	4	A	●
AHMRL 2020R0.2L8 0450	D2R0.2x1.6x8xL50xSD4	2	0.2	1.6	8	1.9	-	11	50	4	A	●
AHMRL 2020R0.2L10 0450	D2R0.2x1.6x10xL50xSD4	2	0.2	1.6	10	1.9	-	11	50	4	A	●
AHMRL 2020R0.2L12 0450	D2R0.2x1.6x12xL50xSD4	2	0.2	1.6	12	1.9	-	11	50	4	A	●
AHMRL 2020R0.2L16 0450	D2R0.2x1.6x16xL50xSD4	2	0.2	1.6	16	1.9	-	11	50	4	A	●
AHMRL 2020R0.5L8 0450	D2R0.5x1.6x8xL50xSD4	2	0.5	1.6	8	1.9	-	11	50	4	A	●
AHMRL 2020R0.5L10 0450	D2R0.5x1.6x10xL50xSD4	2	0.5	1.6	10	1.9	-	11	50	4	A	●
AHMRL 2020R0.5L12 0450	D2R0.5x1.6x12xL50xSD4	2	0.5	1.6	12	1.9	-	11	50	4	A	●
AHMRL 2020R0.5L16 0450	D2R0.5x1.6x16xL50xSD4	2	0.5	1.6	16	1.9	-	11	50	4	A	●
AHMRL 2030R0.1L10 0660	D3R0.1x2.4x10xL60xSD6	3	0.1	2.4	10	2.9	-	11	60	6	A	●
AHMRL 2030R0.1L12 0660	D3R0.1x2.4x12xL60xSD6	3	0.1	2.4	12	2.9	-	11	60	6	A	●
AHMRL 2030R0.1L16 0660	D3R0.1x2.4x16xL60xSD6	3	0.1	2.4	16	2.9	-	11	60	6	A	●
AHMRL 2030R0.1L20 0660	D3R0.1x2.4x20xL60xSD6	3	0.1	2.4	20	2.9	-	11	60	6	A	●

AHNO 阿诺
Cutting Tool Technology

AHMRL 2刃长颈圆鼻铣刀



图A

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UMG 硬质合金 Carbide | 30° | 圆弧后角 Arc Relief angle | ≤ 52 HRC | AX 涂层 Coating

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AHMRL 2030R0.1L25 0675	D3R0.1x2.4x25xL75xSD6	3	0.1	2.4	25	2.9	-	11	75	6	A	●
AHMRL 2030R0.2L10 0660	D3R0.2x2.4x10xL60xSD6	3	0.2	2.4	10	2.9	-	11	60	6	A	●
AHMRL 2030R0.2L12 0660	D3R0.2x2.4x12xL60xSD6	3	0.2	2.4	12	2.9	-	11	60	6	A	●
AHMRL 2030R0.2L16 0660	D3R0.2x2.4x16xL60xSD6	3	0.2	2.4	16	2.9	-	11	60	6	A	●
AHMRL 2030R0.2L20 0660	D3R0.2x2.4x20xL60xSD6	3	0.2	2.4	20	2.9	-	11	60	6	A	●
AHMRL 2030R0.2L25 0675	D3R0.2x2.4x25xL75xSD6	3	0.2	2.4	25	2.9	-	11	75	6	A	●
AHMRL 2030R0.5L10 0660	D3R0.5x2.4x10xL60xSD6	3	0.5	2.4	10	2.9	-	11	60	6	A	●
AHMRL 2030R0.5L12 0660	D3R0.5x2.4x12xL60xSD6	3	0.5	2.4	12	2.9	-	11	60	6	A	●
AHMRL 2030R0.5L16 0660	D3R0.5x2.4x16xL60xSD6	3	0.5	2.4	16	2.9	-	11	60	6	A	●
AHMRL 2030R0.5L20 0660	D3R0.5x2.4x20xL60xSD6	3	0.5	2.4	20	2.9	-	11	60	6	A	●
AHMRL 2030R0.5L25 0675	D3R0.5x2.4x25xL75xSD6	3	0.5	2.4	25	2.9	-	11	75	6	A	●
AHMRL 2040R0.1L12 0660	D4R0.1x3.2x12xL60xSD6	4	0.1	3.2	12	3.9	-	11	60	6	A	●
AHMRL 2040R0.1L16 0660	D4R0.1x3.2x16xL60xSD6	4	0.1	3.2	16	3.9	-	11	60	6	A	●
AHMRL 2040R0.1L20 0660	D4R0.1x3.2x20xL60xSD6	4	0.1	3.2	20	3.9	-	11	60	6	A	●
AHMRL 2040R0.1L25 0675	D4R0.1x3.2x25xL75xSD6	4	0.1	3.2	25	3.9	-	11	75	6	A	●
AHMRL 2040R0.1L30 0675	D4R0.1x3.2x30xL75xSD6	4	0.1	3.2	30	3.9	-	11	75	6	A	●
AHMRL 2040R0.2L12 0660	D4R0.2x3.2x12xL60xSD6	4	0.2	3.2	12	3.9	-	11	60	6	A	●
AHMRL 2040R0.2L16 0660	D4R0.2x3.2x16xL60xSD6	4	0.2	3.2	16	3.9	-	11	60	6	A	●
AHMRL 2040R0.2L20 0660	D4R0.2x3.2x20xL60xSD6	4	0.2	3.2	20	3.9	-	11	60	6	A	●
AHMRL 2040R0.2L25 0675	D4R0.2x3.2x25xL75xSD6	4	0.2	3.2	25	3.9	-	11	75	6	A	●
AHMRL 2040R0.2L30 0675	D4R0.2x3.2x30xL75xSD6	4	0.2	3.2	30	3.9	-	11	75	6	A	●
AHMRL 2040R0.5L12 0660	D4R0.5x3.2x12xL60xSD6	4	0.5	3.2	12	3.9	-	11	60	6	A	●
AHMRL 2040R0.5L16 0660	D4R0.5x3.2x16xL60xSD6	4	0.5	3.2	16	3.9	-	11	60	6	A	●
AHMRL 2040R0.5L20 0660	D4R0.5x3.2x20xL60xSD6	4	0.5	3.2	20	3.9	-	11	60	6	A	●
AHMRL 2040R0.5L25 0675	D4R0.5x3.2x25xL75xSD6	4	0.5	3.2	25	3.9	-	11	75	6	A	●
AHMRL 2040R0.5L30 0675	D4R0.5x3.2x30xL75xSD6	4	0.5	3.2	30	3.9	-	11	75	6	A	●
AHMRL 2040R1.0L12 0660	D4R1x3.2x12xL60xSD6	4	1.0	3.2	12	3.9	-	11	60	6	A	●
AHMRL 2040R1.0L16 0660	D4R1x3.2x16xL60xSD6	4	1.0	3.2	16	3.9	-	11	60	6	A	●
AHMRL 2040R1.0L20 0660	D4R1x3.2x20xL60xSD6	4	1.0	3.2	20	3.9	-	11	60	6	A	●
AHMRL 2040R1.0L25 0675	D4R1x3.2x25xL75xSD6	4	1.0	3.2	25	3.9	-	11	75	6	A	●
AHMRL 2040R1.0L30 0675	D4R1x3.2x30xL75xSD6	4	1.0	3.2	30	3.9	-	11	75	6	A	●

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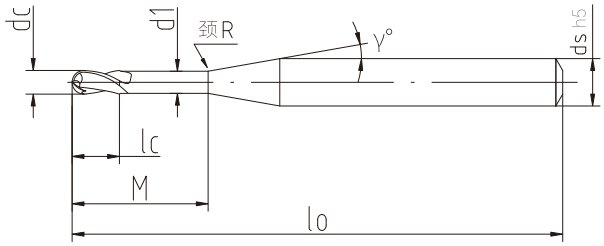
AHMBL 2刃长颈球头铣刀



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刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
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刃径 ϕ.dc	R Tolerance
ϕ≤5	±0.005

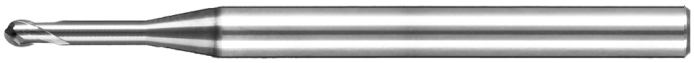
UMG 硬质合金 Carbide | 30° | 直线后角 Straight Relief Angle | ≤ 52 HRC | AX 涂层 Coating

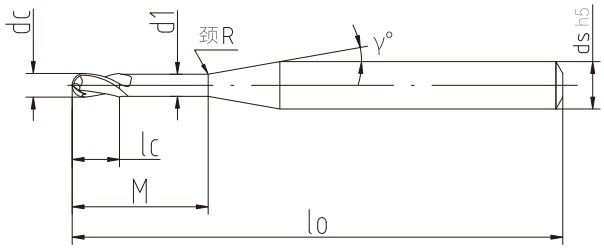
订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·Ød1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMBL 2004L2 0450	D0.4R0.2x0.3x2xL50xSD4	0.4	0.2	0.3	2	0.36	2	15	50	4	A	●
AHMBL 2004L3 0450	D0.4R0.2x0.3x3xL50xSD4	0.4	0.2	0.3	3	0.36	2	15	50	4	A	●
AHMBL 2005L2 0450	D0.5R0.25x0.4x2xL50xSD4	0.5	0.25	0.4	2	0.46	2	15	50	4	A	●
AHMBL 2005L3 0450	D0.5R0.25x0.4x3xL50xSD4	0.5	0.25	0.4	3	0.46	2	12	50	4	A	●
AHMBL 2005L4 0450	D0.5R0.25x0.4x4xL50xSD4	0.5	0.25	0.4	4	0.46	2	12	50	4	A	●
AHMBL 2006L2 0450	D0.6R0.3x0.5x2xL50xSD4	0.6	0.3	0.5	2	0.56	4	12	50	4	A	●
AHMBL 2006L3 0450	D0.6R0.3x0.5x3xL50xSD4	0.6	0.3	0.5	3	0.56	4	12	50	4	A	●
AHMBL 2006L4 0450	D0.6R0.3x0.5x4xL50xSD4	0.6	0.3	0.5	4	0.56	4	12	50	4	A	●
AHMBL 2008L4 0450	D0.8R0.4x0.7x4xL50xSD4	0.8	0.4	0.7	4	0.76	4	12	50	4	A	●
AHMBL 2008L6 0450	D0.8R0.4x0.7x6xL50xSD4	0.8	0.4	0.7	6	0.76	4	12	50	4	A	●
AHMBL 2010L4 0450	D1R0.5x0.8x4xL50xSD4	1	0.5	0.8	4	0.94	4	12	50	4	A	●
AHMBL 2010L4 0660	D1R0.5x0.8x4xL60xSD6	1	0.5	0.8	4	0.94	4	12	60	6	A	●
AHMBL 2010L6 0450	D1R0.5x0.8x6xL50xSD4	1	0.5	0.8	6	0.94	4	12	50	4	A	●
AHMBL 2010L6 0660	D1R0.5x0.8x6xL60xSD6	1	0.5	0.8	6	0.94	4	12	60	6	A	●
AHMBL 2010L8 0450	D1R0.5x0.8x8xL50xSD4	1	0.5	0.8	8	0.94	4	12	50	4	A	●
AHMBL 2010L8 0660	D1R0.5x0.8x8xL60xSD6	1	0.5	0.8	8	0.94	4	12	60	6	A	●
AHMBL 2010L10 0450	D1R0.5x0.8x10xL50xSD4	1	0.5	0.8	10	0.94	4	12	50	4	A	●
AHMBL 2010L10 0660	D1R0.5x0.8x10xL60xSD6	1	0.5	0.8	10	0.94	4	12	60	6	A	●
AHMBL 2015L6 0450	D1.5R0.75x1.2x6xL50xSD4	1.5	0.75	1.2	6	1.42	-	11	50	4	A	●
AHMBL 2015L6 0660	D1.5R0.75x1.2x6xL60xSD6	1.5	0.75	1.2	6	1.42	-	11	60	6	A	●
AHMBL 2015L8 0450	D1.5R0.75x1.2x8xL50xSD4	1.5	0.75	1.2	8	1.42	-	11	50	4	A	●
AHMBL 2015L8 0660	D1.5R0.75x1.2x8xL60xSD6	1.5	0.75	1.2	8	1.42	-	11	60	6	A	●
AHMBL 2015L10 0450	D1.5R0.75x1.2x10xL50xSD4	1.5	0.75	1.2	10	1.42	-	11	50	4	A	●
AHMBL 2015L10 0660	D1.5R0.75x1.2x10xL60xSD6	1.5	0.75	1.2	10	1.42	-	11	60	6	A	●
AHMBL 2015L12 0450	D1.5R0.75x1.2x12xL50xSD4	1.5	0.75	1.2	12	1.42	-	11	50	4	A	●
AHMBL 2015L12 0660	D1.5R0.75x1.2x12xL60xSD6	1.5	0.75	1.2	12	1.42	-	11	60	6	A	●
AHMBL 2020L6 0450	D2R1x1.6x6xL50xSD4	2	1	1.6	6	1.9	-	11	50	4	A	●

AHNO 阿诺
Cutting Tool Technology

AHMBL 2刃长颈球头铣刀





图A

- 专为加工HRC≤52以下材料设计；
- 新开发的涂层具有优异的抗氧化性能、红硬性以及突出的耐磨性能与韧性相结合，干湿加工均能发挥卓越性能；
- 卓越的工件表面粗糙度；
- 高精度球头为精加工铣削设计；
- 采用极细晶粒度的刀具材料，兼顾韧性与耐磨性；

- Designed for machining HRC≤52 materials;
- Newly-developed coating has excellent oxidation resistance, red hardness and outstanding wear resistance combined with toughness. It's suitable for dry cutting or micro-lubricated high speed cutting;
- Excellent surface roughness of the workpiece;
- High precision ball-end is designed for finishing milling;
- Adopting extremely small grain size for tool materials, taking into account both toughness and wear resistance;

刃径 ϕ.dc	ϕ.dc Tolerance
ϕ≤3	0 ~ -0.010
3<ϕ≤6	0 ~ -0.012

刃径 ϕ.dc	R Tolerance
ϕ≤5	±0.005

UMG 硬质合金 Carbide | 30° | 直线后角 Straight Relief Angle | ≤ 52 HRC | AX 涂层 Coating

订货编号·Order code

代码 Code	规格型号 Designation	刃径·dc	圆角半径·R	刃长·lc	有效长·M	颈径·Ød1	颈R·R	柄锥角度·γ/°	全长·lo	柄径·ds	图示 Graph	库存 Inventory
AHMBL 2020L8 0450	D2R1x1.6x8xL50xSD4	2	1	1.6	8	1.9	-	11	50	4	A	●
AHMBL 2020L8 0660	D2R1x1.6x8xL60xSD6	2	1	1.6	8	1.9	-	11	60	6	A	●
AHMBL 2020L10 0450	D2R1x1.6x10xL50xSD4	2	1	1.6	10	1.9	-	11	50	4	A	●
AHMBL 2020L10 0660	D2R1x1.6x10xL60xSD6	2	1	1.6	10	1.9	-	11	60	6	A	●
AHMBL 2020L12 0450	D2R1x1.6x12xL50xSD4	2	1	1.6	12	1.9	-	11	50	4	A	●
AHMBL 2020L12 0660	D2R1x1.6x12xL60xSD6	2	1	1.6	12	1.9	-	11	60	6	A	●
AHMBL 2020L16 0450	D2R1x1.6x16xL50xSD4	2	1	1.6	16	1.9	-	11	50	4	A	●
AHMBL 2020L16 0660	D2R1x1.6x16xL60xSD6	2	1	1.6	16	1.9	-	11	60	6	A	●
AHMBL 2025L8 0450	D2.5R1.25x2x8xL50xSD4	2.5	1.25	2	8	2.4	-	11	50	4	A	●
AHMBL 2025L10 0450	D2.5R1.25x2x10xL50xSD4	2.5	1.25	2	10	2.4	-	11	50	4	A	●
AHMBL 2025L12 0450	D2.5R1.25x2x12xL50xSD4	2.5	1.25	2	12	2.4	-	11	50	4	A	●
AHMBL 2025L16 0450	D2.5R1.25x2x16xL50xSD4	2.5	1.25	2	16	2.4	-	11	50	4	A	●
AHMBL 2030L10 0660	D3R1.5x2.4x10xL60xSD6	3	1.5	2.4	10	2.9	-	11	60	6	A	●
AHMBL 2030L12 0660	D3R1.5x2.4x12xL60xSD6	3	1.5	2.4	12	2.9	-	11	60	6	A	●
AHMBL 2030L16 0660	D3R1.5x2.4x16xL60xSD6	3	1.5	2.4	16	2.9	-	11	60	6	A	●
AHMBL 2030L20 0660	D3R1.5x2.4x20xL60xSD6	3	1.5	2.4	20	2.9	-	11	60	6	A	●
AHMBL 2030L25 0675	D3R1.5x2.4x25xL75xSD6	3	1.5	2.4	25	2.9	-	11	75	6	A	●
AHMBL 2040L12 0660	D4R2x3.2x12xL60xSD6	4	2	3.2	12	3.9	-	11	60	6	A	●
AHMBL 2040L16 0660	D4R2x3.2x16xL60xSD6	4	2	3.2	16	3.9	-	11	60	6	A	●
AHMBL 2040L20 0660	D4R2x3.2x20xL60xSD6	4	2	3.2	20	3.9	-	11	60	6	A	●
AHMBL 2040L25 0675	D4R2x3.2x25xL75xSD6	4	2	3.2	25	3.9	-	11	75	6	A	●
AHMBL 2040L30 0675	D4R2x3.2x30xL75xSD6	4	2	3.2	30	3.9	-	11	75	6	A	●
AHMBL 2050L16 0660	D5R2.5x4x16xL60xSD6	5	2.5	4	16	4.85	-	11	60	6	A	●
AHMBL 2050L20 0660	D5R2.5x4x20xL60xSD6	5	2.5	4	20	4.85	-	11	60	6	A	●
AHMBL 2050L25 0675	D5R2.5x4x25xL75xSD6	5	2.5	4	25	4.85	-	11	75	6	A	●
AHMBL 2050L30 0675	D5R2.5x4x30xL75xSD6	5	2.5	4	30	4.85	-	11	75	6	A	

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

切削参数-AHM系列

AHMEF 4刃平头铣刀 AHMEF 4-flute End Mills

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMEF 4010	16000	320	2	0.05	15000	250	2	0.05
AHMEF 4015	12500	360	3	0.05	12000	300	3	0.05
AHMEF 4020	11000	400	4	0.1	10000	350	4	0.05
AHMEF 4025	9350	440	5	0.1	8500	400	5	0.05
AHMEF 4030	8250	480	6	0.1	7500	450	6	0.05
AHMEF 4040	6380	600	8	0.1	5800	550	8	0.05
AHMEF 4050	5500	700	10	0.1	5000	580	10	0.1
AHMEF 4060	4950	1000	12	0.1	4500	600	12	0.1
AHMEF 4080	4180	1500	16	0.2	3800	600	16	0.1
AHMEF 4100	3850	2000	20	0.2	3500	550	20	0.1
AHMEF 4120	3080	2500	24	0.2	2800	500	24	0.1
AHMEF 4140	2750	2000	28	0.2	2500	500	28	0.1
AHMEF 4160	2420	2000	32	0.2	2200	450	32	0.1
AHMEF 4200	2200	2000	40	0.2	2000	400	40	0.1

AHME 6刃平头铣刀 AHME 6-flute End Mills

被削材 Material	预硬钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHME 6060	4500	1936	15	0.2	4000	870	15	0.1
AHME 6080	4000	1920	18	0.2	3500	900	18	0.1
AHME 6100	3500	1840	25	0.2	2800	850	25	0.1
AHME 6120	3000	1600	30	0.2	2500	800	30	0.1
AHME 6140	2700	1600	30	0.2	2200	750	30	0.1
AHME 6160	2400	1600	35	0.2	2200	750	35	0.1
AHME 6200	2200	1440	40	0.2	2000	700	40	0.1

AHMRF 4刃圆鼻铣刀-侧铣 AHMRF 4-flute End Mills with Corner Radius-Side milling

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMRF 4010R_	12000	670	0.05	0.03	9300	480	0.05	0.03
AHMRF 4015R_	10000	900	0.05	0.03	7600	640	0.05	0.03
AHMRF 4020R_	9400	1700	0.1	0.05	7200	1200	0.1	0.05
AHMRF 4030R_	8800	2250	0.1	0.05	6800	1600	0.1	0.05
AHMRF 4040R_	8300	2250	0.2	0.05	6400	1600	0.2	0.05
AHMRF 4060R_	6200	2500	0.2	0.08	4800	1800	0.2	0.08
AHMRF 4080R_	5200	3350	0.2	0.1	4000	2400	0.2	0.1
AHMRF 4100R_	4600	3350	0.2	0.1	3600	2400	0.2	0.1
AHMRF 4120R_	4100	3350	0.2	0.1	3200	2400	0.2	0.1

切削参数-AHM系列

AHMRP 4刃短刃圆鼻铣刀-侧铣 AHMRP 4-flute Short-flute End Mills with Corner Radius-Side milling

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMRP 4010R_	12000	670	0.05	0.03	9300	480	0.05	0.03
AHMRP 4015R_	10000	900	0.05	0.03	7600	640	0.05	0.03
AHMRP 4020R_	9400	1700	0.1	0.05	7200	1200	0.1	0.05
AHMRP 4030R_	8800	2250	0.1	0.05	6800	1600	0.1	0.05
AHMRP 4040R_	8300	2250	0.2	0.05	6400	1600	0.2	0.05
AHMRP 4060R_	6200	2500	0.2	0.08	4800	1800	0.2	0.08
AHMRP 4080R_	5200	3350	0.2	0.1	4000	2400	0.2	0.1
AHMRP 4100R_	4600	3350	0.2	0.1	3600	2400	0.2	0.1
AHMRP 4120R_	4100	3350	0.2	0.1	3200	2400	0.2	0.1

AHMR 4刃圆鼻铣刀-平面精铣 AHMR 4-flute End Mills with Corner Radius-Surface finishing milling

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMR 4060R_	5500	440	0.08	3.5	5000	400	0.05	3.5
AHMR 4080R_	4950	660	0.08	4.5	4500	600	0.05	4.5
AHMR 4100R_	4600	880	0.08	6	4200	800	0.06	6
AHMR 4120R_	3850	880	0.08	8	3500	800	0.06	8

AHMR 6刃圆鼻铣刀-侧铣 AHMR 6-flute End Mills with Corner Radius-Side milling

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMR 6060R_	4500	1936	15	0.2	4000	870	15	0.1
AHMR 6080R_	4000	1920	18	0.2	3500	900	18	0.1
AHMR 6100R_	3500	1840	25	0.2	2800	850	25	0.1
AHMR 6120R_	3000	1600	30	0.2	2500	800	30	0.1

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

切削参数-AHM系列

AHMR 6刃圆鼻铣刀-平面精铣 AHMR 6-flute End Mills with Corner Radius-Surface finishing milling

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMR 6060R_	6600	660	0.08	3.5	6000	600	0.05	3.5
AHMR 6080R_	5500	880	0.08	4.5	5000	800	0.05	4.5
AHMR 6100R_	4950	1100	0.08	6	4500	1000	0.06	6
AHMR 6120R_	4400	1320	0.08	8	4000	1200	0.06	8

AHMRK 4刃强力型圆鼻铣刀 AHMRK 4-flute High-feed End Mills with Corner Radius

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMRK 4030R_	12480	3200	0.15	2.16	10400	1600	0.1	1.8
AHMRK 4040R_	11520	4320	0.15	2.88	9600	2160	0.1	2.4
AHMRK 4050R_	9600	4400	0.2	3.6	8000	2200	0.1	3
AHMRK 4060R_	8400	4800	0.2	4.32	7000	2400	0.15	3.6
AHMRK 4080R_	7560	4800	0.3	5.76	6300	2400	0.15	4.8
AHMRK 40100R_	6000	4800	0.3	7.2	5000	2400	0.2	6
AHMRK 40120R_	5400	5000	0.3	9.6	4500	2000	0.2	8

AHMB 2刃球头铣刀 AHMB 2-flute Ballnose End Mills

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMB 2004	28000	600	0.03	0.03	25000	540	0.03	0.03
AHMB 2005	25000	720	0.03	0.03	22500	650	0.03	0.03
AHMB 2006	22000	800	0.03	0.03	19800	720	0.03	0.03
AHMB 2008	20000	1000	0.03	0.03	18000	900	0.03	0.03
AHMB 2010	18000	1200	0.03	0.05	16000	1100	0.03	0.05
AHMB 2015	16000	1500	0.03	0.05	14500	1350	0.03	0.05
AHMB 2020	14800	1560	0.04	0.06	13300	1400	0.04	0.06
AHMB 2025	14400	1680	0.04	0.06	13000	1500	0.04	0.06
AHMB 2030	13000	2000	0.05	0.08	11500	1800	0.05	0.08
AHMB 2040	12000	2400	0.05	0.1	10800	2100	0.05	0.1
AHMB 2050	10000	2500	0.08	0.1	9000	2250	0.05	0.1
AHMB 2060	9000	2800	0.08	0.15	8100	2500	0.05	0.15
AHMB 2080	8000	3000	0.08	0.2	7200	2700	0.05	0.2
AHMB 2100	7200	3000	0.08	0.25	6500	2700	0.08	0.25
AHMB 2120	6400	3200	0.1	0.25	5800	2900	0.1	0.25
AHMB 2160	6000	3600	0.1	0.3	5400	3200	0.1	0.3

切削参数-AHM系列

AHME 2刃平头铣刀 AHME 2-flute End Mills

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHME 2004	30000	275	0.03	0.28	28000	250	0.03	0.28
AHME 2005	27500	330	0.03	0.3	25000	300	0.03	0.3
AHME 2006	24000	380	0.04	0.42	22000	350	0.04	0.42
AHME 2008	22000	440	0.04	0.56	20000	400	0.04	0.56
AHME 2010	20000	550	0.05	0.7	18000	500	0.05	0.7
AHME 2015	16500	66	0.05	1.05	15000	600	0.05	1.05
AHME 2020	13800	800	0.1	1.5	12500	750	0.05	1.5
AHME 2025	11000	1100	0.1	1.75	10000	1000	0.05	1.75
AHME 2030	8800	1100	0.1	2.1	8000	1000	0.05	2.1
AHME 2040	7200	2200	0.1	2.8	6500	2000	0.05	2.8
AHME 2050	6600	1100	0.1	3.5	6000	1000	0.1	3.5
AHME 2060	5500	660	0.1	4.2	5000	600	0.1	4.2
AHME 2080	5000	660	0.2	5.6	4500	600	0.1	5.6
AHME 2100	4400	550	0.2	7	4000	500	0.1	7
AHME 2120	3800	550	0.2	8.4	3500	500	0.1	8.4
AHME 2140	3300	550	0.2	9.6	3000	500	0.1	9.6
AHME 2160	3000	550	0.2	11.2	2800	500	0.1	11.2
AHME 2200	2750	550	0.2	14	2500	500	0.1	14

AHMR 2刃圆鼻铣刀 AHMR 2-flute End Mills with Corner Radius

被削材 Material	预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMR 2010R_	12800	330	0.05	0.03	11600	300	0.05	0.03
AHMR 2015R_	10500	440	0.05	0.03	9500	400	0.05	0.03
AHMR 2020R_	9900	825	0.1	0.05	9000	750	0.1	0.05
AHMR 2025R_	9600	950	0.1	0.05	8800	750	0.1	0.05
AHMR 2030R_	9300	1100	0.1	0.05	8500	1000	0.1	0.05
AHMR 2040R_	8800	1100	0.2	0.05	8000	1000	0.2	0.05
AHMR 2060R_	6600	1375	0.2	0.08	6000	1000	0.2	0.08
AHMR 2080R_	5500	1650	0.2	0.1	5000	1250	0.2	0.1
AHMR 2100R_	4950	1650	0.2	0.1	4500	1500	0.2	0.1
AHMR 2120R_	4400	1650	0.2	0.1	4000	1500	0.2	0.1

- 库存刀具，订购前请致电查询 Stock cutting tools. Please call to check inventory before ordering
- 接受非标定制 Available for special tool order

切削参数-AHM系列

AHMEL 4刃长颈平头铣刀 AHMEL 4-flute End Mills with Neck Increased

被削材 Material		预制钢（HRC35～45)Pre-hardened Steel				淬火钢（HRC46～55）Hardened Steel			
型号 type		转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMEL 4010L	4	22000	1400	0.05	0.5	17600	1120	0.04	0.4
	6	18000	1000	0.04	0.5	14400	800	0.03	0.4
	8	15000	800	0.03	0.5	12000	640	0.02	0.4
	10	14000	700	0.02	0.5	11200	560	0.01	0.4
AHMEL 4015L	6	16000	1440	0.07	0.75	12800	1150	0.06	0.6
	8	14000	1160	0.06	0.75	11200	930	0.05	0.6
	10	13000	1040	0.05	0.75	10400	830	0.04	0.6
	12	12000	900	0.04	0.75	9600	720	0.03	0.6
AHMEL 4020L	8	13000	1600	0.09	1	10400	1280	0.07	0.8
	10	13000	1500	0.08	1	10400	1200	0.06	0.8
	12	12000	1300	0.07	1	9600	1040	0.06	0.8
	16	10000	1000	0.05	1	8000	800	0.04	0.8
AHMEL 4025L	10	11000	1600	0.11	1.25	8800	1280	0.09	1
	12	11000	750	0.1	1.25	8800	600	0.08	1
	16	9000	1100	0.07	1.25	7200	880	0.06	1
	20	7000	800	0.05	1.25	5600	640	0.04	1
AHMEL 4030	10	9000	1800	0.14	1.5	7200	1440	0.11	1.2
	12	9000	1600	0.12	1.5	7200	1280	0.1	1.2
	16	8000	1200	0.09	1.5	6400	960	0.07	1.2
	20	7000	900	0.07	1.5	5600	720	0.06	1.2
	25	6000	760	0.06	1.5	4800	600	0.05	1.2
AHMEL 4040L	12	6000	1700	0.25	2	4800	1350	0.2	1.6
	16	6000	1600	0.2	2	4800	1280	0.16	1.6
	20	6000	1460	0.15	2	4800	1150	0.12	1.6
	25	5000	1200	0.1	2	4000	960	0.08	1.6
	30	5000	1080	0.08	2	4000	960	0.06	1.6

AHMRL 4刃长颈圆鼻铣刀 AHMRL 4-flute End Mills with Neck Increased & Corner Radius

被削材 Material		预制钢（HRC35～45）Pre-hardened Steel				淬火钢（HRC46～55）Hardened Steel			
型号 type		转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min⁻¹	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMRL 4010R_L	4	25000	960	0.03	0.05	20000	840	0.03	0.03
	6	20000	800	0.02	0.04	16000	700	0.02	0.02
	8	18000	720	0.02	0.03	14000	630	0.02	0.02
	10	16000	640	0.01	0.02	13000	560	0.01	0.01
AHMRL 4015R_L	6	20000	960	0.02	0.07	18000	840	0.02	0.03
	8	18000	800	0.02	0.06	16000	700	0.02	0.03
	10	16000	800	0.02	0.05	15000	700	0.02	0.02
	12	14000	640	0.02	0.04	13000	560	0.02	0.02
AHMRL 4020R_L	8	16000	1280	0.03	0.1	13000	1120	0.03	0.03
	10	16000	1120	0.03	0.09	13000	980	0.03	0.03
	12	14000	960	0.02	0.08	11000	840	0.02	0.02
	16	12000	800	0.02	0.06	10000	700	0.02	0.02
AHMRL 4030R_L	10	12000	1600	0.03	0.19	10000	1400	0.03	0.08
	12	11000	1280	0.03	0.14	9000	1120	0.03	0.06
	16	10000	960	0.02	0.11	8000	840	0.02	0.05
	20	9000	640	0.02	0.09	6400	560	0.02	0.04
	25	8000	480	0.02	0.07	5600	420	0.02	0.03
AHMRL 4040R_L	12	9000	1280	0.04	0.19	7000	1120	0.04	0.08
	16	8000	960	0.03	0.17	6400	840	0.03	0.08
	20	7500	640	0.02	0.14	6000	560	0.02	0.07
	25	7000	480	0.02	0.1	5600	420	0.02	0.06
	30	6000	320	0.02	0.07	4800	280	0.02	0.03

切削参数-AHM系列

AHMEL 2刃长颈平头铣刀 AHMEL 2-flute End Mills with Neck Increased

被削材 Material		预制钢（HRC35～45）Pre-hardened Steel				淬火钢（HRC46～55）Hardened Steel			
型号 type		转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMEL 2004L	2	22000	250	0.01	0.25	17600	200	0.008	0.2
	3	18000	150	0.005	0.25	14400	120	0.004	0.2
AHMEL 2005L	2	22000	300	0.01	0.25	17600	240	0.008	0.2
	3	18000	200	0.005	0.25	14400	160	0.004	0.2
	4	14000	150	0.002	0.25	11200	120	0.002	0.2
AHMEL 2006L	2	22000	230	0.01	0.25	17600	180	0.008	0.2
	3	18000	140	0.005	0.25	14400	110	0.004	0.2
	4	14000	90	0.002	0.25	11200	70	0.002	0.2
AHMEL 2008L	4	22000	400	0.03	0.4	17600	320	0.02	0.32
	6	18000	300	0.02	0.4	14400	240	0.02	0.32
AHMEL 2010L	4	22000	700	0.05	0.5	17600	560	0.04	0.4
	6	18000	500	0.04	0.5	14400	400	0.03	0.4
	8	15000	400	0.03	0.5	12000	320	0.02	0.4
	10	14000	350	0.02	0.5	11200	280	0.01	0.4
AHMEL 2015L	6	16000	720	0.07	0.75	12800	580	0.06	0.6
	8	14000	580	0.06	0.75	11200	460	0.05	0.6
	10	13000	520	0.05	0.75	10400	400	0.04	0.6
	12	12000	450	0.04	0.75	9600	360	0.03	0.6
AHMEL 2020L	8	13000	800	0.09	1	10400	640	0.07	0.8
	10	13000	750	0.08	1	10400	600	0.06	0.8
	12	12000	650	0.07	1	9600	520	0.06	0.8
	16	10000	500	0.05	1	8000	400	0.04	0.8
AHMEL 2025L	10	11000	800	0.1	1.25	8800	640	0.09	1
	12	11000	750	0.1	1.25	8800	600	0.08	1
	16	9000	550	0.07	1.25	7200	440	0.06	1
	20	7000	400	0.05	1.25	5600	320	0.04	1
AHMEL 2030L	10	9000	900	0.15	1.5	7200	720	0.11	1.2
	12	9000	800	0.12	1.5	7200	640	0.01	1.2
	16	8000	600	0.09	1.5	6400	480	0.07	1.2
	20	7000	450	0.07	1.5	5600	360	0.06	1.2
	25	6000	380	0.06	1.5	4800	300	0.05	1.2
AHMEL 2040	12	6000	850	0.25	2	4800	680	0.2	1.6
	16	6000	800	0.2	2	4800	640	0.16	1.6
	20	6000	730	0.15	2	4800	580	0.12	1.6
	25	5000	600	0.1	2	4000	480	0.08	1.6
	30	5000	540	0.08	2	4000	430	0.06	1.6

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切削参数-AHM系列

AHMRL 2刃长颈圆鼻铣刀 AHMRL 2-flute End Mills with Neck Increased & Corner Radius

被削材 Material		预制钢（HRC35～45） Pre-hardened Steel				淬火钢（HRC46～55） Hardened Steel			
型号 type		转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMRL 2010R_L	4	25000	480	0.03	0.05	20000	420	0.03	0.03
	6	20000	400	0.03	0.04	16000	350	0.02	0.02
	8	18000	360	0.02	0.03	14000	320	0.02	0.02
	10	16000	320	0.01	0.02	13000	280	0.01	0.01
AHMRL 2015R_L	6	20000	480	0.02	0.07	18000	420	0.02	0.03
	8	18000	400	0.02	0.06	16000	350	0.02	0.03
	10	16000	400	0.02	0.05	15000	350	0.02	0.03
	12	14000	320	0.02	0.04	13000	280	0.02	0.02
AHMRL 2020R_L	8	16000	640	0.03	0.1	13000	560	0.03	0.03
	10	16000	560	0.03	0.09	13000	490	0.03	0.03
	12	14000	480	0.02	0.08	11000	420	0.02	0.02
	16	12000	400	0.02	0.06	10000	350	0.02	0.02
AHMRL 2030R_L	10	12000	800	0.03	0.19	10000	700	0.03	0.08
	12	11000	640	0.03	0.14	9000	560	0.03	0.06
	16	10000	480	0.02	0.11	8000	420	0.02	0.05
	20	9000	320	0.02	0.09	6400	280	0.02	0.04
	25	8000	240	0.02	0.07	5600	210	0.02	0.03
AHMRL 2040R_L	12	9000	640	0.04	0.19	7000	560	0.04	0.08
	16	8000	480	0.03	0.17	6400	420	0.03	0.08
	20	7500	320	0.02	0.14	6000	280	0.02	0.07
	25	7000	240	0.02	0.1	5600	210	0.02	0.06
	30	6000	160	0.02	0.07	4800	140	0.02	0.03

切削参数-AHM系列

AHMBL 2刃长颈球头铣刀 AHMBL 2-flute Ballnose End Mills with Neck Increased

被削材 Material		预制钢（HRC35～45）Pre-hardened Steel				淬火钢（HRC46～55）Hardened Steel			
型号 type		转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm	转速 S/min-1	进给速度 Vf/mm/min	切深 ap/mm	切宽 ae/mm
AHMBL 2004L	2	30000	120	0.003	0.03	20000	100	0.002	0.02
	3	30000	120	0.003	0.03	20000	100	0.002	0.02
AHMBL 2005L	2	50000	340	0.005	0.01	40000	250	0.004	0.07
	3	50000	340	0.005	0.01	40000	250	0.004	0.07
	4	50000	340	0.005	0.01	40000	250	0.004	0.07
AHMBL 2006L	2	20000	780	0.02	0.04	20000	660	0.02	0.03
	3	20000	680	0.02	0.04	20000	560	0.02	0.03
	4	20000	680	0.02	0.04	20000	560	0.02	0.03
AHMBL 2008L	4	20000	1300	0.05	0.08	14000	1000	0.04	0.06
	6	20000	750	0.03	0.05	14000	630	0.02	0.04
AHMBL 2010L	4	20000	1500	0.08	0.12	14000	1200	0.06	0.1
	6	20000	1200	0.07	0.12	14000	1000	0.05	0.09
	8	20000	1000	0.05	0.08	14000	800	0.04	0.06
	10	20000	850	0.03	0.08	14000	560	0.02	0.04
AHMBL 2015L	6	20000	1900	0.08	0.04	14000	1700	0.05	0.03
	8	20000	1900	0.08	0.04	14000	1700	0.05	0.03
	10	18000	1440	0.06	0.04	12000	1300	0.04	0.03
	12	18000	960	0.06	0.03	12000	840	0.04	0.02
AHMBL 2020L	6	20000	2450	0.08	0.06	14000	2100	0.06	0.04
	8	16000	2050	0.08	0.06	11200	1750	0.06	0.04
	10	16000	2050	0.06	0.05	11200	1750	0.05	0.04
	12	12000	1500	0.06	0.05	8400	1260	0.05	0.04
	16	10000	1300	0.06	0.04	7000	1120	0.04	0.03
AHMBL 2025L	10	14400	2400	0.08	0.05	12800	1800	0.07	0.04
	12	14400	2000	0.08	0.05	12800	1500	0.07	0.04
	16	14400	1450	0.06	0.05	12800	1080	0.06	0.04
	20	10800	880	0.04	0.04	9600	660	0.04	0.03
AHMBL 2030L	10	12800	3200	0.08	0.05	11200	2800	0.06	0.04
	12	12800	2400	0.08	0.05	11200	2100	0.06	0.04
	16	12800	1440	0.06	0.05	11200	1260	0.05	0.04
	20	9600	960	0.06	0.05	8400	840	0.05	0.04
	25	7200	800	0.01	0.04	6600	720	0.08	0.04
AHMBL 2040L	12	12800	3200	0.08	0.08	9600	2400	0.06	0.06
	16	12800	2800	0.08	0.06	9600	2100	0.06	0.05
	20	11200	2650	0.06	0.06	8400	2000	0.05	0.05
	25	9600	2100	0.06	0.05	7200	1560	0.05	0.04
	30	9600	2100	0.05	0.05	7200	1560	0.04	0.04
AHMBL 2050L	16	12800	3200	0.08	0.11	9600	2400	0.06	0.09
	20	12800	3200	0.08	0.11	9600	2400	0.06	0.09
	25	9600	2400	0.06	0.08	7200	1800	0.05	0.06
	30	8000	1920	0.06	0.08	6000	1440	0.05	0.06

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- 接受非标定制 Available for special tool order

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