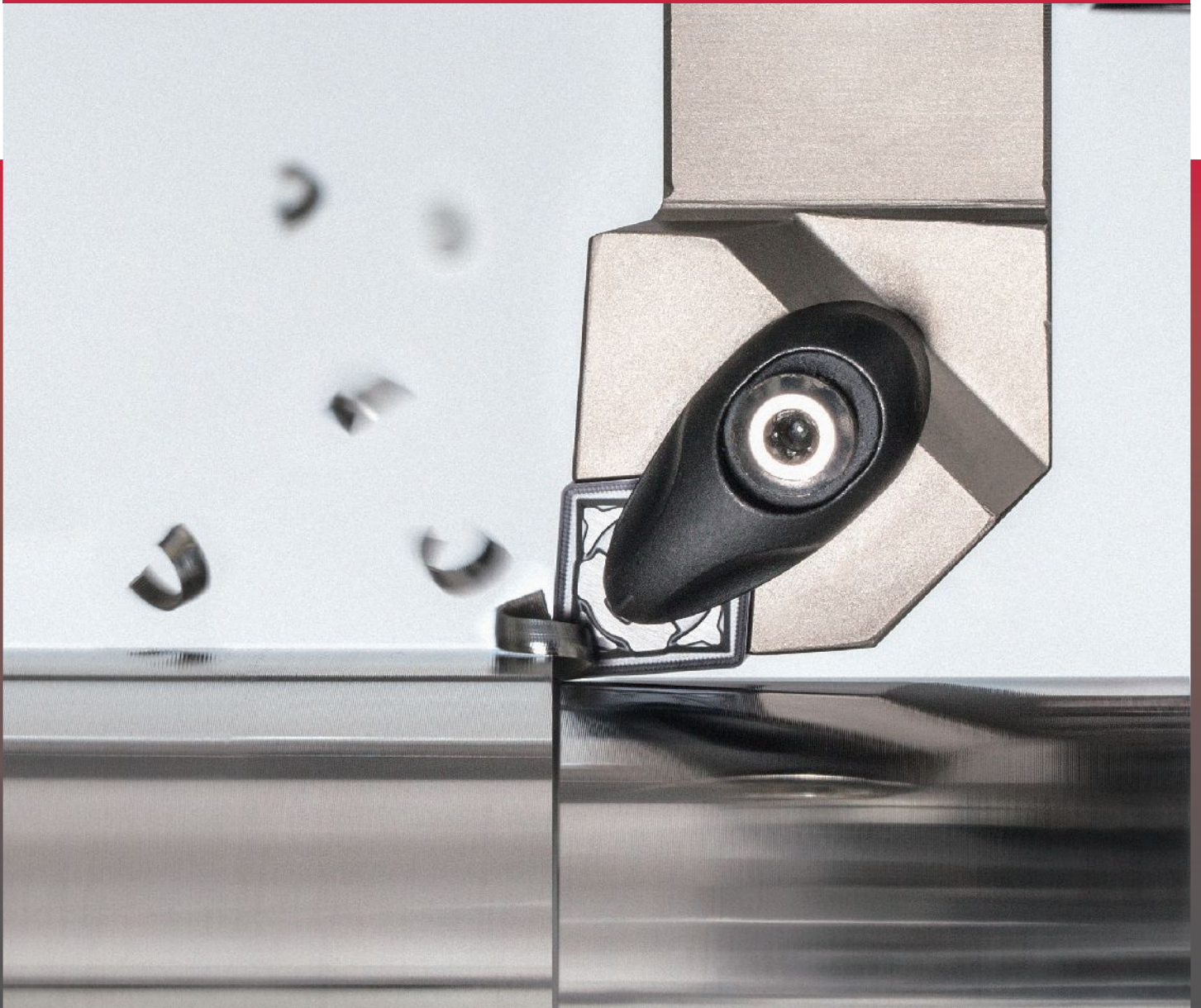


耐热合金材质

AH8000 SERIES

Tungaloy Report No. 437-C

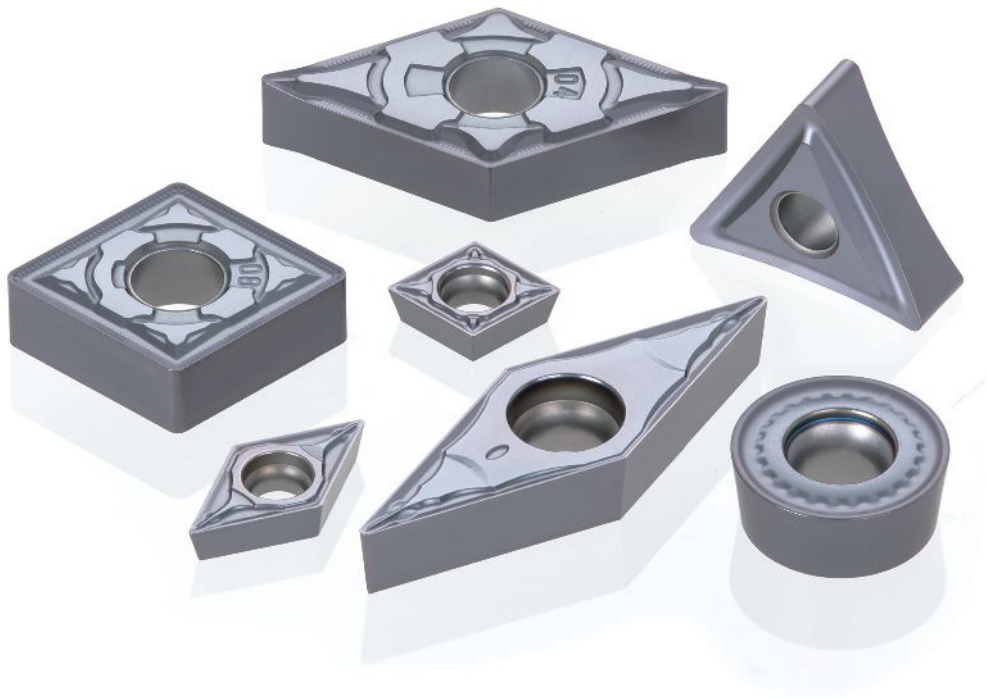
AH8015 材质 ISO 刀片扩充





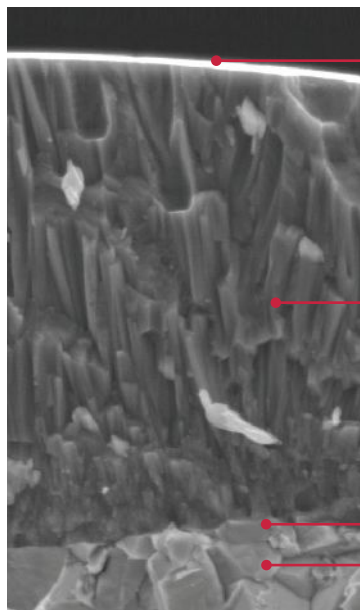


AH8000 SERIES



AH8015 材质 ISO 车削刀片系列
已针对广泛应用场景实现显著扩展。

耐热合金车削的卓越可靠性



PREMIUMTEC

特殊表面处理技术

高铝含量纳米多层 AlTiN 涂层

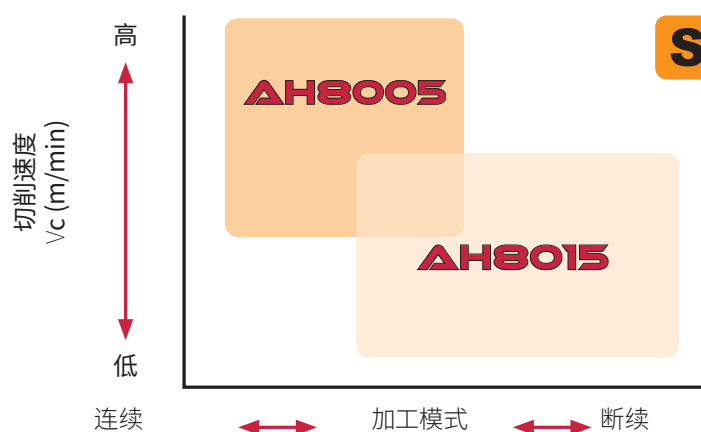
- 硬度提升 20%
- 杜绝微裂纹产生
- 实现长刀具寿命与稳定加工

强化的涂层附着力

→ 有效预防耐热合金加工中常见的沟槽磨损

创新基体材质

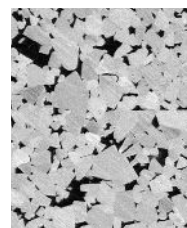
应用范围



AH8015

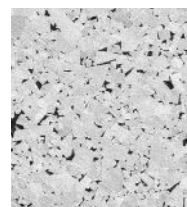
耐热合金加工首选材质

兼具卓越耐磨性与抗断裂性能的通用材质



AH8005

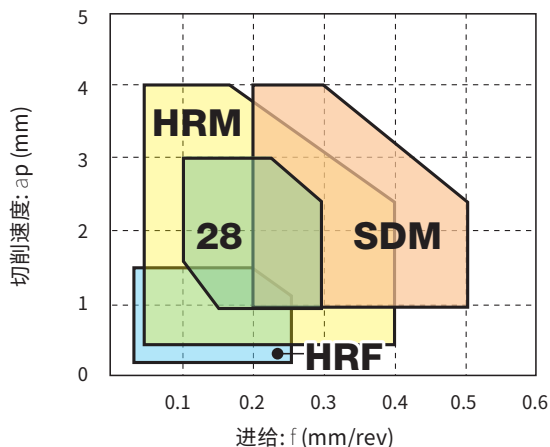
高硬度耐磨材质



断屑槽

I 负型刀片断屑槽

- **HRF**和**HRM**槽型作为首选断屑槽已加入标准系列，同时配备**SDM**槽型以实现有效的沟槽磨损控制
- 提供多种通用断屑槽选择，包括带倾角的轻切削**28**槽型



HRM 适用于精加工至半精加工

- 前刀面独特凸起结构
减小前刀面与切屑接触面积
- 优化的前刀面几何与凸台设计
实现低切削力与稳定断屑



HRF 精加工专用槽型

- 特殊凸台结构
吃刀量小于刀尖圆弧半径时仍保持优异断屑性能
- 大前角与倾角设计
有效降低切削力

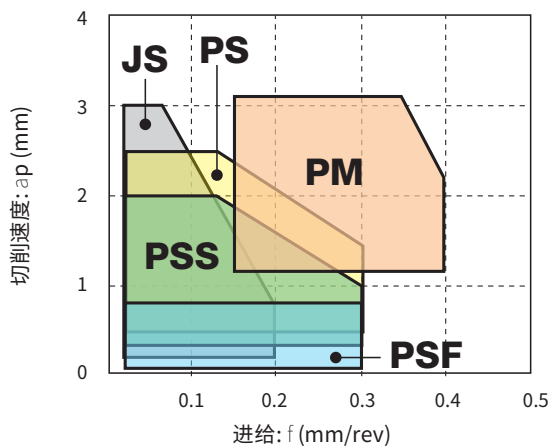


SDM 半精加工专用槽型

- 独创可变刃宽设计与大前角组合结构
高抗沟槽损伤与月牙洼磨损能力

I 正角刀片断屑槽

- **PSF**、**PSS**、**PS**及**PM**断屑槽覆盖精加工至半精加工应用
- 高精度**JS**断屑槽可实现轻切削加工，兼具卓越断屑性能与优异表面光洁度



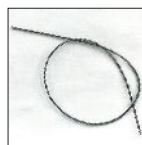
JS

- 高精度G级3D断屑槽
在耐热高温合金加工中提供卓越的断屑控制与优异表面光洁度

■ 切屑控制



进给: $f = 0.025 \text{ mm/rev}$
切削速度: $ap = 2 \text{ mm}$



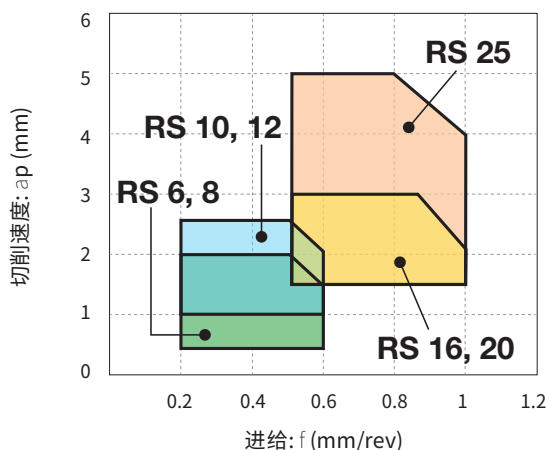
进给: $f = 0.05 \text{ mm/rev}$
切削速度: $ap = 0.5 \text{ mm}$

S

刀片

工件材料
切削速度
冷却

: DCGT11T302M-JS
AH8015
: Inconel718
: $V_c = 30 \text{ m/min}$
: 湿式



RS

RCMT刀片专用断屑槽

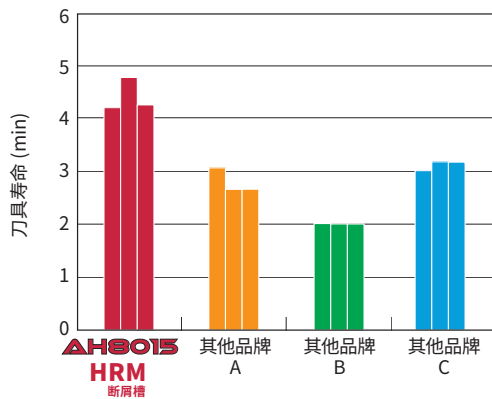
- 锋利切削刃实现轻切削加工
特别适用于耐热高温合金及不锈钢加工

AH8000 SERIES

切削性能

1 AH8015 HRM 断屑槽

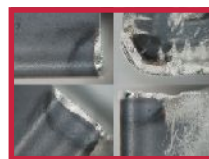
S Inconel 718



常规切削工况

刀片 : CNMG120408-**
 切削速度 : $V_c = 60 \text{ m/min}$
 进给 : $f = 0.2 \text{ mm/rev}$
 切削速度 : $a_p = 1.0 \text{ mm}$
 加工方式 : 外圆车削
 冷却 : 湿式

4 分钟后



AH8015
HRM 断屑槽

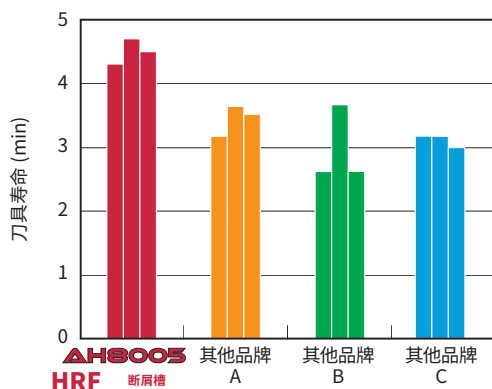
2 分钟后



其他品牌 B

2 AH8005 HRF 断屑槽

S Inconel 718



高速切削工况

刀片 : CNMG120408-**
 切削速度 : $V_c = 100 \text{ m/min}$
 进给 : $f = 0.15 \text{ mm/rev}$
 切削速度 : $a_p = 0.3 \text{ mm}$
 加工方式 : 外圆车削
 冷却 : 湿式

2.7 分钟后



AH8005
HRF 断屑槽

2.7 分钟后



其他品牌 B

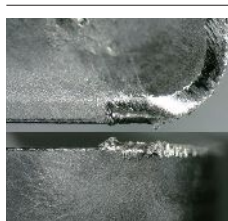
3 AH8015 SDM 断屑槽

S Inconel 718

加工初期阶段

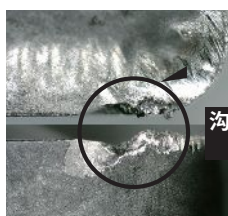
加工中期阶段

SDM
断屑槽



工艺可靠性！
更长刀具寿命！

传统
断屑槽



沟槽磨损 - 刀具寿命终结

标准切削条件

负角刀片断屑槽适用

ISO	断屑槽	刀尖圆弧半径	切削速度 ap (mm)	进给 f (mm/rev)	切削速度 : Vc (m/min)	
		RE			AH8005	AH8015
S	HRF	0.4	0.2 - 1.5	0.05 - 0.23	40 - 100	20 - 80
		0.8	0.2 - 1.5	0.05 - 0.25	40 - 100	20 - 80
		1.2	0.2 - 1.5	0.07 - 0.27	40 - 100	20 - 80
	HRM	0.4	0.5 - 4	0.05 - 0.3	40 - 100	20 - 80
		0.8	0.5 - 4	0.07 - 0.33	40 - 100	20 - 80
		1.2	0.5 - 4	0.1 - 0.35	40 - 100	20 - 80
		1.6	0.5 - 4	0.15 - 0.4	40 - 100	20 - 80
	SDM	0.4	1 - 4	0.2 - 0.3	40 - 100	20 - 80
		0.8	1 - 4	0.2 - 0.5	40 - 100	20 - 80
		1.2	1 - 4	0.2 - 0.5	40 - 100	20 - 80
	28	0.4	0.5 - 3	0.08 - 0.2	40 - 100	20 - 80
		0.8	0.5 - 3	0.1 - 0.3	40 - 100	20 - 80
		1.2	0.5 - 3	0.1 - 0.3	40 - 100	20 - 80

正角刀片断屑槽适用

ISO	断屑槽	尺寸	刀尖圆弧半径	切削速度 ap (mm)	进给 f (mm/rev)	切削速度 : Vc (m/min)	
			RE			AH8005	AH8015
S	PSF	-	0.4	0.05 - 0.5	0.02 - 0.2	40 - 100	20 - 80
		-	0.8	0.05 - 0.5	0.02 - 0.3	40 - 100	20 - 80
	PSS	-	0.4	0.3 - 2	0.02 - 0.2	40 - 100	20 - 80
		-	0.8	0.3 - 2	0.03 - 0.3	40 - 100	20 - 80
		-	1.2	0.3 - 2	0.05 - 0.3	40 - 100	20 - 80
	PS	-	0.4	0.5 - 2.5	0.02 - 0.2	40 - 100	20 - 80
		-	0.8	0.5 - 2.5	0.03 - 0.3	40 - 100	20 - 80
		-	1.2	0.5 - 2.5	0.05 - 0.3	40 - 100	20 - 80
	PM	-	0.4	1 - 3	0.15 - 0.3	40 - 100	20 - 80
		-	0.8	1 - 3	0.15 - 0.3	40 - 100	20 - 80
		-	1.2	1 - 3	0.15 - 0.3	40 - 100	20 - 80
	RS	RCMT06...	-	0.5 - 2	0.2 - 0.6	40 - 100	20 - 80
		RCMT08...	-	0.5 - 2	0.2 - 0.6	40 - 100	20 - 80
		RCMT10...	-	1 - 2.5	0.2 - 0.6	40 - 100	20 - 80
		RCMT12...	-	1 - 2.5	0.2 - 0.6	40 - 100	20 - 80
		RCMT16...	-	1.5 - 3	0.5 - 1	40 - 100	20 - 80
		RCMT20...	-	1.5 - 3	0.5 - 1	40 - 100	20 - 80
		RCMT25...	-	1.5 - 5	0.5 - 1	40 - 100	20 - 80
	JS	-	<0.1	0.5 - 3	0.02 - 0.05	-	20 - 80
		-	<0.2	0.5 - 3	0.02 - 0.1	-	20 - 80
		-	<0.4	0.5 - 3	0.05 - 0.2	-	20 - 80

AH8000 SERIES

标准切削条件

负角刀片专用断屑槽

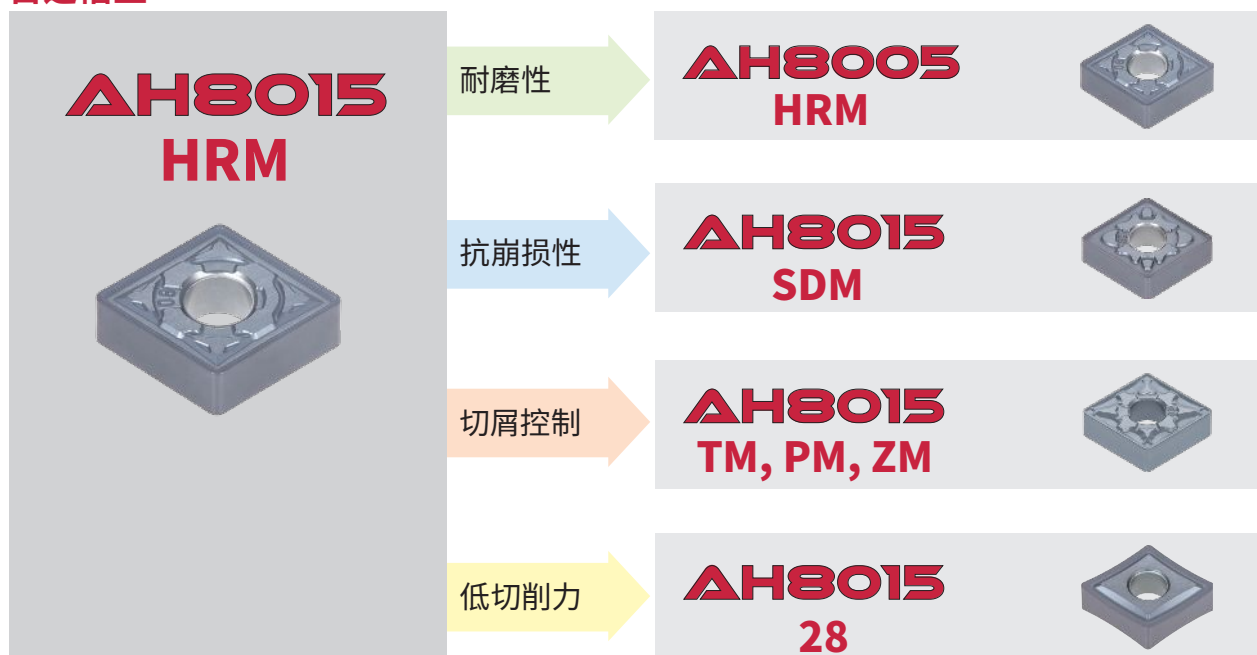
- 精加工专用槽型 ($a_p = 0.2 - 1.5 \text{ mm}$)

首选槽型



- 适用于精加工至半精加工 ($a_p = 0.5 - 4 \text{ mm}$)

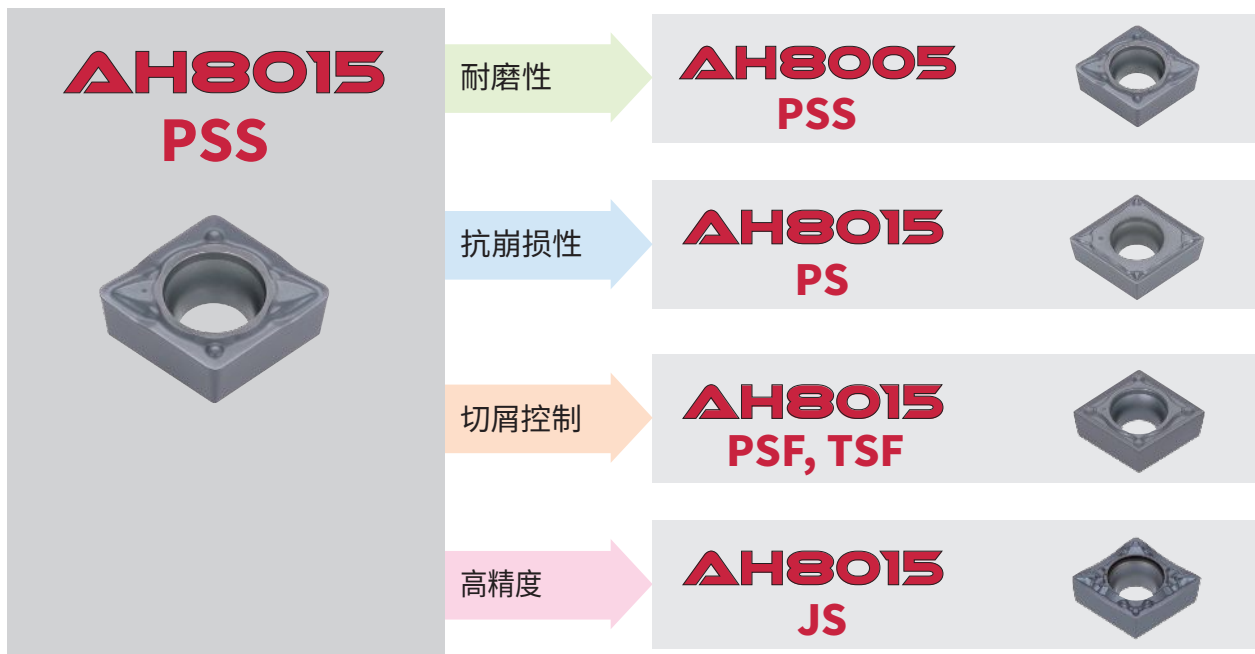
首选槽型



用于正前角刀片的断屑槽

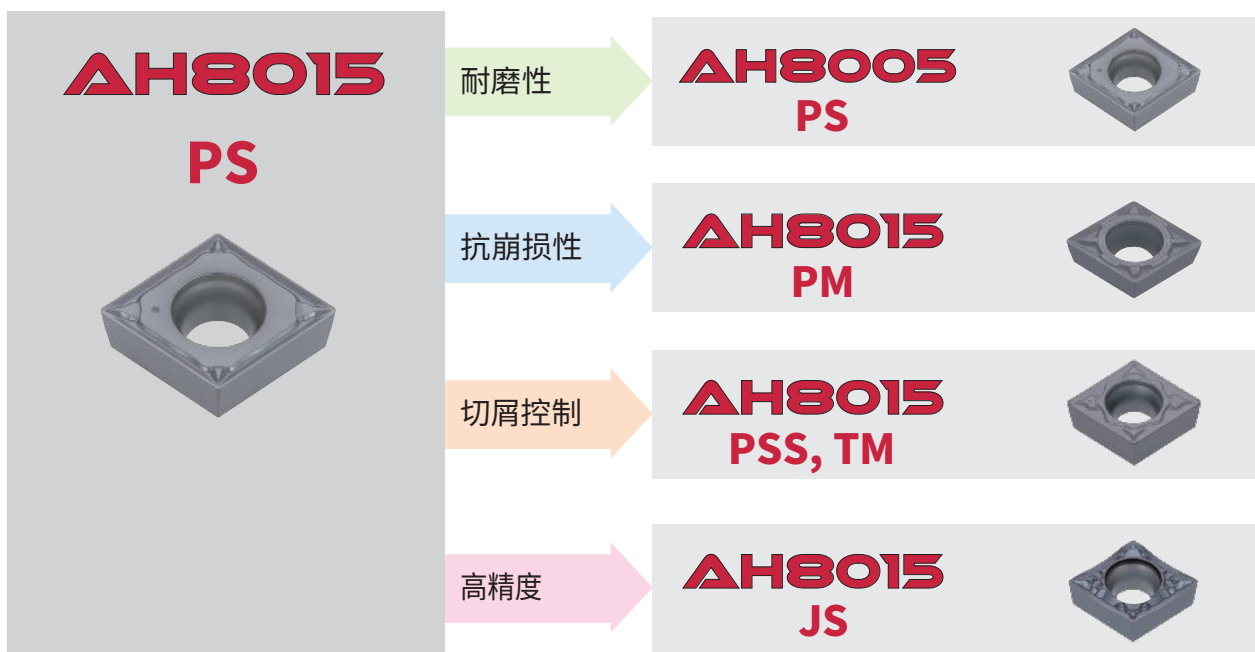
- 精加工专用槽型 ($a_p = 0.3 - 2 \text{ mm}$)

首选槽型



- 适用于精加工至半精加工 ($a_p = 0.5 - 2.5 \text{ mm}$)

首选槽型



刀片

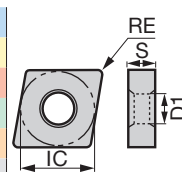
负角型

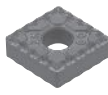
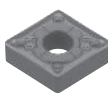
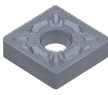
- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

CN



菱形, 80°
有孔

[illegible]

应用	断屑槽	型号	涂层																		尺寸 (mm)			
			AH8005	AH8015																	RE	IC	S	D1
半精加工	TM	CNMG090404E-TM	●																		0.4	9.525	4.76	3.81
		CNMG090408E-TM	●																		0.8	9.525	4.76	3.81
		CNMG090412E-TM	●																		1.2	9.525	4.76	3.81
		CNMG120404-TM	●																		0.4	12.7	4.76	5.16
		CNMG120408-TM	●																		0.8	12.7	4.76	5.16
		CNMG120412-TM	●																		1.2	12.7	4.76	5.16
		CNMG120416-TM	●																		1.6	12.7	4.76	5.16
	PM	CNMG090404E-PM	●																		0.4	9.525	4.76	3.81
		CNMG090408E-PM	●																		0.8	9.525	4.76	3.81
		CNMG090412E-PM	●																		1.2	9.525	4.76	3.81
		CNMG120404-PM	●																		0.4	12.7	4.76	5.16
		CNMG120408-PM	●																		0.8	12.7	4.76	5.16
		CNMG120412-PM	●																		1.2	12.7	4.76	5.16
		CNMG120416-PM	●																		1.6	12.7	4.76	5.16
	低碳钢的半精加工	ZM	CNMG090404E-ZM	●																		0.4	9.525	4.76
		CNMG090408E-ZM	●																		0.8	9.525	4.76	3.81
		CNMG090412E-ZM	●																		1.2	9.525	4.76	3.81
		CNMG120404-ZM	●																		0.4	12.7	4.76	5.16
		CNMG120408-ZM	●																		0.8	12.7	4.76	5.16
		CNMG120412-ZM	●																		1.2	12.7	4.76	5.16
		CNMG120416-ZM	●																		1.6	12.7	4.76	5.16
半精加工	DM	CNMG120404-DM	●																		0.4	12.7	4.76	5.16
		CNMG120408-DM	●																		0.8	12.7	4.76	5.16
		CNMG120412-DM	●																		1.2	12.7	4.76	5.16
		CNMG120416-DM	●																		1.6	12.7	4.76	5.16
半精加工	SM	CNMG120404-SM	●																		0.4	12.7	4.76	5.16
		CNMG120408-SM	●																		0.8	12.7	4.76	5.16
		CNMG120412-SM	●																		1.2	12.7	4.76	5.16
半精加工	SDM	CNMG120404-SDM	●	●																	0.4	12.7	4.76	5.16
		CNMG120408-SDM	●	●																	0.8	12.7	4.76	5.16
		CNMG120412-SDM	●	●																	1.2	12.7	4.76	5.16

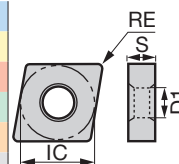
●: 新产品
●: 阵容

刀片 负角型

CN



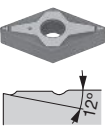
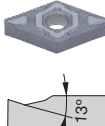
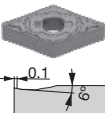
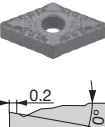
菱形, 80°
有孔

[illegible][illegible]

●: 阵容

DN

菱形, 55°
有孔

应用	断屑槽	型号	涂层																		尺寸 (mm)			
			AH8005	AH8015																	RE	IC	S	D1
精加工		TF DNMG110402E-TF	●																		0.2	9.525	4.76	3.81
		DNMG110404E-TF	●																		0.4	9.525	4.76	3.81
		DNMG110408E-TF	●																		0.8	9.525	4.76	3.81
		DNMG150402-TF	●																		0.2	12.7	4.76	5.16
		DNMG150404-TF	●																		0.4	12.7	4.76	5.16
		DNMG150408-TF	●																		0.8	12.7	4.76	5.16
		TSF DNMG110402E-TSF	●																		0.2	9.525	4.76	3.81
		DNMG110404E-TSF	●																		0.4	9.525	4.76	3.81
		DNMG110408E-TSF	●																		0.8	9.525	4.76	3.81
		DNMG110412E-TSF	●																		1.2	9.525	4.76	3.81
		DNMG150402-TSF	●																		0.2	12.7	4.76	5.16
		DNMG150404-TSF	●																		0.4	12.7	4.76	5.16
		DNMG150408-TSF	●																		0.8	12.7	4.76	5.16
		DNMG150412-TSF	●																		1.2	12.7	4.76	5.16
		DNMG150602-TSF	●																		0.2	12.7	6.35	5.16
		DNMG150604-TSF	●																		0.4	12.7	6.35	5.16
		DNMG150608-TSF	●																		0.8	12.7	6.35	5.16
		DNMG150612-TSF	●																		1.2	12.7	6.35	5.16
		PS DNMG110402E-PS	●																		0.2	9.525	4.76	3.81
		DNMG110404E-PS	●																		0.4	9.525	4.76	3.81
		DNMG110408E-PS	●																		0.8	9.525	4.76	3.81
		DNMG150402-PS	●																		0.2	12.7	4.76	5.16
		DNMG150404-PS	●																		0.4	12.7	4.76	5.16
		DNMG150408-PS	●																		0.8	12.7	4.76	5.16
		DNMG150412-PS	●																		1.2	12.7	4.76	5.16
		DNMG150602-PS	●																		0.2	12.7	6.35	5.16
		DNMG150604-PS	●																		0.4	12.7	6.35	5.16
DNMG150608-PS		●																		0.8	12.7	6.35	5.16	
DNMG150612-PS		●																		1.2	12.7	6.35	5.16	
		ZF DNMG110402E-ZF	●																		0.2	9.525	4.76	3.81
	DNMG110404E-ZF	●																		0.4	9.525	4.76	3.81	
	DNMG110408E-ZF	●																		0.8	9.525	4.76	3.81	
	DNMG150402-ZF	●																		0.2	12.7	4.76	5.16	
	DNMG150404-ZF	●																		0.4	12.7	4.76	5.16	
	DNMG150408-ZF	●																		0.8	12.7	4.76	5.16	
	DNMG150412-ZF	●																		1.2	12.7	4.76	5.16	
	DNMG150602-ZF	●																		0.2	12.7	6.35	5.16	
	DNMG150604-ZF	●																		0.4	12.7	6.35	5.16	
	DNMG150608-ZF	●																		0.8	12.7	6.35	5.16	
	DNMG150612-ZF	●																		1.2	12.7	6.35	5.16	

●: 阵容

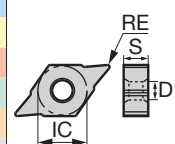
DN

 菱形, 55°
有孔

[illegible]

FN

 菱形, 45°
有孔

[illegible]

应用	断屑槽	型号	涂层												尺寸(mm)					
			AH8005	AH8015													RE	IC	S	D1
精加工	TSF	FNMG110402E-TSF	●														0.2	9.525	4.76	3.81
		FNMG110404E-TSF	●														0.4	9.525	4.76	3.81
		FNMG110408E-TSF	●														0.8	9.525	4.76	3.81
		FNMG110412E-TSF	●														1.2	9.525	4.76	3.81
																				
半精加工	TM	FNMG110404E-TM	●														0.4	9.525	4.76	3.81
		FNMG110408E-TM	●														0.8	9.525	4.76	3.81
		FNMG110412E-TM	●														1.2	9.525	4.76	3.81
																				

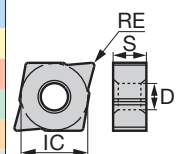
●: 阵容

刀片 负角型

GN



菱形, 70°
有孔

[illegible][illegible]

禁止将 ISO-EcoTurn 刀夹套装 (型号 AD-CL-4/3-SET 或 SET-S) 用于夹持 GNM09 刀片, 否则加工中刀片可能发生位移。

●: 阵容

刀片

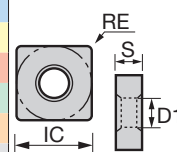
负角型

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

SN



仿形
有孔

[illegible][illegible]

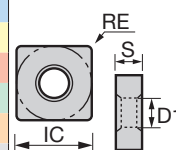
●: 阵容

刀片 负角型

SN



仿形
有孔

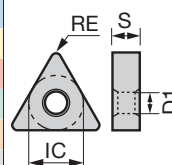
[illegible]

●:新产品
●:阵容

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削



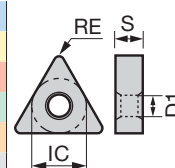
三角形
有孔

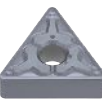
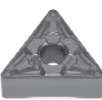
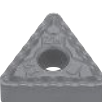
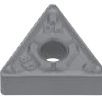
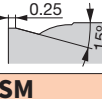
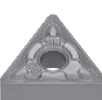
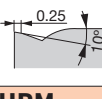
[illegible]

●: 阵容

刀片 负角型

TN

[illegible]

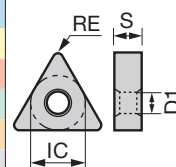
应用	断屑槽	型号	涂层														尺寸 (mm)					
			AH8005	AH8015														RE	IC	S	D1	
半精加工	TM	TNMG110404E-TM	●															0.4	6.35	4.76	2.26	
		TNMG110408E-TM	●															0.8	6.35	4.76	2.26	
		TNMG110412E-TM	●															1.2	6.35	4.76	2.26	
		TNMG160404-TM	●															0.4	9.525	4.76	3.81	
		TNMG160408-TM	●															0.8	9.525	4.76	3.81	
		TNMG160412-TM	●															1.2	9.525	4.76	3.81	
		TNMG160416-TM	● ●															1.6	9.525	4.76	3.81	
		PM	TNMG110404E-PM	●														0.4	6.35	4.76	2.26	
		TNMG110408E-PM	●															0.8	6.35	4.76	2.26	
		TNMG110412E-PM	●															1.2	6.35	4.76	2.26	
		TNMG160404-PM	●															0.4	9.525	4.76	3.81	
		TNMG160408-PM	●															0.8	9.525	4.76	3.81	
		TNMG160412-PM	●															1.2	9.525	4.76	3.81	
		TNMG160416-PM	●															1.6	9.525	4.76	3.81	
	低碳钢的半精加工	ZM	TNMG110404E-ZM	●															0.4	6.35	4.76	2.26
		TNMG110408E-ZM	●															0.8	6.35	4.76	2.26	
		TNMG110412E-ZM	●															1.2	6.35	4.76	2.26	
		TNMG160404-ZM	●															0.4	9.525	4.76	3.81	
		TNMG160408-ZM	●															0.8	9.525	4.76	3.81	
		TNMG160412-ZM	●															1.2	9.525	4.76	3.81	
		TNMG160416-ZM	●															1.6	9.525	4.76	3.81	
		DM	TNMG160404-DM	●														0.4	9.525	4.76	3.81	
		TNMG160408-DM	●															0.8	9.525	4.76	3.81	
		TNMG160412-DM	●															1.2	9.525	4.76	3.81	
		TNMG160416-DM	●															1.6	9.525	4.76	3.81	
半精加工			SM	TNMG160404-SM	●														0.4	9.525	4.76	3.81
			TNMG160408-SM	●															0.8	9.525	4.76	3.81
																						
			HRM	TNMG160404-HRM	● ●															0.4	9.525	4.76
	TNMG160408-HRM		● ●																0.8	9.525	4.76	3.81
	TNMG160412-HRM	● ●																1.2	9.525	4.76	3.81	
																						

●:新产品
●:阵容

TN



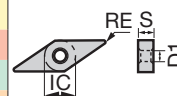
三角形
有孔

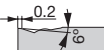
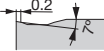
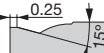
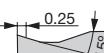
[illegible][illegible]

●:新产品
●:阵容

VN

菱形, 35°
有孔

[illegible]

应用	断屑槽	型号	涂层												尺寸 (mm)				
			AH8005	AH8015												RE	IC	S	D1
半精加工	TM	VNMG120404E-TM	●													0.4	7.15	4.76	3.81
		VNMG120408E-TM	●													0.8	7.15	4.76	3.81
		VNMG120412E-TM	●													1.2	7.15	4.76	3.81
		VNMG160404-TM	●													0.4	9.525	4.76	3.81
		VNMG160408-TM	●													0.8	9.525	4.76	3.81
		VNMG160412-TM	●													1.2	9.525	4.76	3.81
	PM	VNMG120404E-PM	●													0.4	7.15	4.76	3.81
		VNMG120408E-PM	●													0.8	7.15	4.76	3.81
		VNMG120412E-PM	●													1.2	7.15	4.76	3.81
	VNMG160404-PM	●													0.4	9.525	4.76	3.81	
	VNMG160408-PM	●													0.8	9.525	4.76	3.81	
	VNMG160412-PM	●													1.2	9.525	4.76	3.81	
低碳钢的半精加工	ZM	VNMG120404E-ZM	●													0.4	7.15	4.76	3.81
		VNMG120408E-ZM	●													0.8	7.15	4.76	3.81
		VNMG120412E-ZM	●													1.2	7.15	4.76	3.81
		VNMG160404-ZM	●													0.4	9.525	4.76	3.81
		VNMG160408-ZM	●													0.8	9.525	4.76	3.81
		VNMG160412-ZM	●													1.2	9.525	4.76	3.81
	DM	VNMG160404-DM	●													0.8	9.525	4.76	3.81
		VNMG160408-DM	●													0.8	9.525	4.76	3.81
		VNMG160412-DM	●													1.2	9.525	4.76	3.81
半精加工	HRM	VNMG160404-HRM	●	●												0.4	9.525	4.76	3.81
		VNMG160408-HRM	●	●												0.8	9.525	4.76	3.81
		VNMG160412-HRM	●	●												1.2	9.525	4.76	3.81
																			
	28	VNMG160404-28	●	●												0.4	9.525	4.76	3.81
		VNMG160408-28	●	●												0.8	9.525	4.76	3.81
	 																		

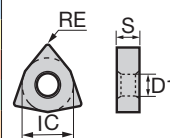
●: 阵容

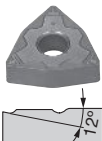
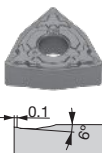
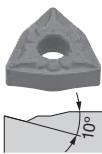
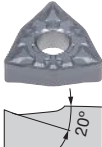
刀片 负角型

WN



凸三角形, 80°
有孔

[illegible]

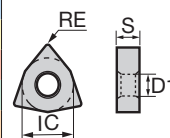
应用	断屑槽	型号	涂层														尺寸 (mm)			
			AH8005	AH8015													RE	IC	S	D1
精加工	TF	WNMG060402E-TF	●														0.2	9.525	4.76	3.81
		WNMG060404E-TF	●														0.4	9.525	4.76	3.81
		WNMG060408E-TF	●														0.8	9.525	4.76	3.81
		WNMG080402-TF	●														0.2	12.7	4.76	5.16
		WNMG080404-TF	●														0.4	12.7	4.76	5.16
		WNMG080408-TF	●														0.8	12.7	4.76	5.16
		TSF	WNMG060402E-TSF	●													0.2	9.525	4.76	3.81
		WNMG060404E-TSF	●													0.4	9.525	4.76	3.81	
		WNMG060408E-TSF	●													0.8	9.525	4.76	3.81	
		WNMG060412E-TSF	●													1.2	9.525	4.76	3.81	
		WNMG080402-TSF	●													0.2	12.7	4.76	5.16	
		WNMG080404-TSF	●													0.4	12.7	4.76	5.16	
		WNMG080408-TSF	●													0.8	12.7	4.76	5.16	
		WNMG080412-TSF	●													1.2	12.7	4.76	5.16	
		PS	WNMG060402E-PS	●													0.2	9.525	4.76	3.81
			WNMG060404E-PS	●													0.4	9.525	4.76	3.81
WNMG060408E-PS			●													0.8	9.525	4.76	3.81	
WNMG080402-PS			●													0.2	12.7	4.76	5.16	
WNMG080404-PS			●													0.4	12.7	4.76	5.16	
WNMG080408-PS			●													0.8	12.7	4.76	5.16	
WNMG080412-PS			●													1.2	12.7	4.76	5.16	
ZF			WNMG060402E-ZF	●													0.2	9.525	4.76	3.81
		WNMG060404E-ZF	●													0.4	9.525	4.76	3.81	
		WNMG060408E-ZF	●													0.8	9.525	4.76	3.81	
		WNMG080402-ZF	●													0.2	12.7	4.76	5.16	
		WNMG080404-ZF	●													0.4	12.7	4.76	5.16	
		WNMG080408-ZF	●													0.8	12.7	4.76	5.16	
		WNMG080412-ZF	●													1.2	12.7	4.76	5.16	
		TS	WNMG060402E-TS	●													0.2	9.525	4.76	3.81
	WNMG060404E-TS		●													0.4	9.525	4.76	3.81	
	WNMG060408E-TS		●													0.8	9.525	4.76	3.81	
	WNMG080402-TS		●													0.2	12.7	4.76	5.16	
	WNMG080404-TS		●													0.4	12.7	4.76	5.16	
	WNMG080408-TS		●													0.8	12.7	4.76	5.16	
	WNMG080412-TS		●													1.2	12.7	4.76	5.16	
	HRF		WNMG080404-HRF	●	●												0.4	12.7	4.76	5.16
WNMG080408-HRF		●	●												0.8	12.7	4.76	5.16		
																				

24

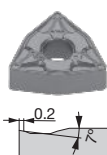
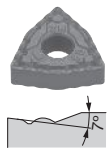
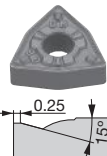
WN



凸三角形, 80°
有孔

[illegible]

- : 连续切削
- ◐: 轻断续切削
- ✱: 强断续切削

应用	断屑槽	型号	涂层												尺寸 (mm)					
			AH8005	AH8015												RE	IC	S	D1	
半精加工	TM	WNMG060404E-TM	●														0.4	9.525	4.76	3.81
		WNMG060408E-TM	●														0.8	9.525	4.76	3.81
		WNMG060412E-TM	●														1.2	9.525	4.76	3.81
		WNMG080404-TM	●														0.4	12.7	4.76	5.16
		WNMG080408-TM	●														0.8	12.7	4.76	5.16
		WNMG080412-TM	●														1.2	12.7	4.76	5.16
		WNMG080416-TM	●														1.6	12.7	4.76	5.16
	PM	WNMG060404E-PM	●														0.4	9.525	4.76	3.81
		WNMG060408E-PM	●														0.8	9.525	4.76	3.81
		WNMG060412E-PM	●														1.2	9.525	4.76	3.81
		WNMG080404-PM	●														0.4	12.7	4.76	5.16
		WNMG080408-PM	●														0.8	12.7	4.76	5.16
		WNMG080412-PM	●														1.2	12.7	4.76	5.16
		WNMG080416-PM	●														1.6	12.7	4.76	5.16
低碳钢的中等切削加工	ZM	WNMG060404E-ZM	●														0.4	9.525	4.76	3.81
		WNMG060408E-ZM	●														0.8	9.525	4.76	3.81
		WNMG060412E-ZM	●														1.2	9.525	4.76	3.81
		WNMG080404-ZM	●														0.4	12.7	4.76	5.16
		WNMG080408-ZM	●														0.8	12.7	4.76	5.16
		WNMG080412-ZM	●														1.2	12.7	4.76	5.16
		WNMG080416-ZM	●														1.6	12.7	4.76	5.16
半精加工	DM	WNMG080404-DM	●														0.4	12.7	4.76	5.16
		WNMG080408-DM	●														0.8	12.7	4.76	5.16
		WNMG080412-DM	●														1.2	12.7	4.76	5.16
		WNMG080416-DM	●														1.6	12.7	4.76	5.16
半精加工	SM	WNMG080408-SM	●														0.8	12.7	4.76	5.16
		WNMG080412-SM	●														1.2	12.7	4.76	5.16

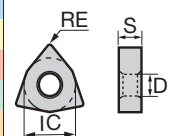
●:新产品
●:阵容

刀片 负角型

WN



凸三角形, 80°
有孔

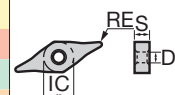
[illegible][illegible]

●: 阵容

YN



菱形, 25°
有孔

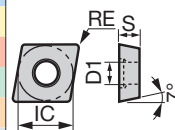
[illegible][illegible]

●: 阵容

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削



菱形, 80°
有孔
正角 7°

[illegible]

刀尖R为负公差

●:新产品
●:阵容

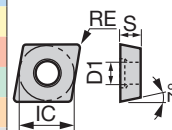
公差



刀片 正角型

CC

菱形, 80°
有孔
正角 7°

[illegible][illegible]

●:新产品
●:阵容

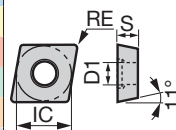
CP

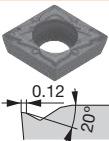
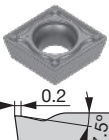
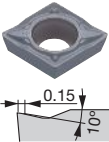
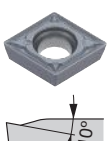
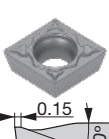


菱形, 80°
有孔
正角 11°

正角型

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削



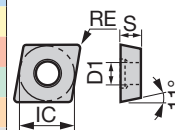
应用	断屑槽	型号	涂层																		尺寸 (mm)			
			AH8005	AH8015																RE	IC	S	D1	
精加工	PSF	CPMT080202-PSF	●																	0.2	7.94	2.38	3.4	
		CPMT080204-PSF	●																	0.4	7.94	2.38	3.4	
		CPMT090302-PSF	●																	0.2	9.525	3.18	4.4	
		CPMT090304-PSF	●																	0.4	9.525	3.18	4.4	
	TSF	CPMT060202-TSF	●																	0.2	6.35	2.38	2.8	
		CPMT060204-TSF	●																	0.4	6.35	2.38	2.8	
		CPMT060208-TSF	●																	0.8	6.35	2.38	2.8	
		CPMT09T302-TSF	●																	0.2	9.525	3.97	4.4	
		CPMT09T304-TSF	●																	0.4	9.525	3.97	4.4	
CPMT09T308-TSF		●																	0.8	9.525	3.97	4.4		
精加工到半精加工	PSS	CPMT060204-PSS	●																	0.4	6.35	2.38	2.8	
		CPMT080204-PSS	●																	0.4	7.94	2.38	3.4	
		CPMT080208-PSS	●																	0.8	7.94	2.38	3.4	
		CPMT090304-PSS	●																	0.4	9.525	3.18	4.4	
		CPMT090308-PSS	●																	0.8	9.525	3.18	4.4	
		CPMT09T304-PSS	●																	0.4	9.525	3.97	4.4	
		CPMT09T308-PSS	●																	0.8	9.525	3.97	4.4	
	PS	CPMT060202-PS	●	●																0.2	6.35	2.38	2.8	
		CPMT060204-PS	●	●																0.4	6.35	2.38	2.8	
		CPMT060208-PS		●																0.8	6.35	2.38	2.8	
		CPMT080202-PS		●																0.2	7.94	2.38	3.4	
		CPMT080204-PS		●																0.4	7.94	2.38	3.4	
		CPMT080208-PS		●																0.8	7.94	2.38	3.4	
		CPMT090304-PS		●																0.4	9.525	3.18	4.4	
		CPMT090308-PS		●																0.8	9.525	3.18	4.4	
		CPMT09T302-PS	●	●																0.2	9.525	3.97	4.4	
		CPMT09T304-PS	●	●																0.4	9.525	3.97	4.4	
		CPMT09T308-PS	●	●																0.8	9.525	3.97	4.4	
	TM	CPMT060202-TM	●																	0.2	6.35	2.38	2.8	
		CPMT060204-TM	●																	0.4	6.35	2.38	2.8	
		CPMT060208-TM	●																	0.8	6.35	2.38	2.8	
		CPMT09T302-TM	●																	0.2	9.525	3.97	4.4	
		CPMT09T304-TM	●																	0.4	9.525	3.97	4.4	
		CPMT09T308-TM	●																	0.8	9.525	3.97	4.4	

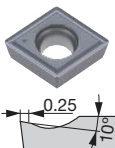
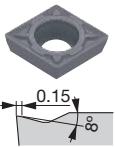
●: 新产品
●: 阵容

刀片 正角型

CP

菱形, 80°
有孔
正角 11°

[illegible]

应用	断屑槽	型号	涂层																		尺寸 (mm)			
			AH8005	AH8015																	RE	IC	S	D1
精加工到半精加工	全圆周	CPMT120408	●	●																	0.8	12.7	4.76	5.08
																								
半精加工	PM	CPMT060204-PM	●																		0.4	6.35	2.38	2.54
		CPMT060208-PM	●																		0.8	6.35	2.38	2.54
		CPMT090304-PM	●																		0.4	9.525	3.18	4.445
		CPMT090308-PM	●																		0.8	9.525	3.18	4.445

●:新产品
●:阵容

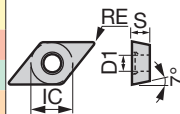
刀片

正角型

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

DC

菱形, 55°
有孔
正角 7°

[illegible][illegible]

刀尖R为负公差

●: 新产品
●: 阵容

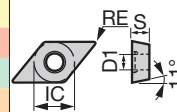
公差

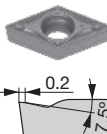
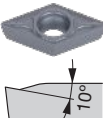
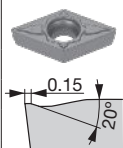


刀片 正角型

DP

菱形, 55°
有孔
正角 11°

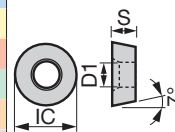
[illegible]

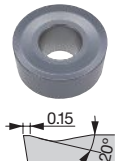
应用	断屑槽	型号	涂层																		尺寸 (mm)			
			AH8005	AH8015																	RE	IC	S	D1
精加工	TSF	DPMT070202-TSF	●																		0.2	6.35	2.38	2.8
		DPMT070204-TSF	●																		0.4	6.35	2.38	2.8
		DPMT070208-TSF	●																		0.8	6.35	2.38	2.8
		DPMT11T302-TSF	●																		0.2	9.525	3.97	4.4
		DPMT11T304-TSF	●																		0.4	9.525	3.97	4.4
		DPMT11T308-TSF	●																		0.8	9.525	3.97	4.4
精加工到半精加工	PS	DPMT070202-PS	●																		0.2	6.35	2.38	2.8
		DPMT070204-PS	●																		0.4	6.35	2.38	2.8
		DPMT070208-PS	●																		0.8	6.35	2.38	2.8
		DPMT11T302-PS	●																		0.2	9.525	3.97	4.4
		DPMT11T304-PS	●																		0.4	9.525	3.97	4.4
		DPMT11T308-PS	●																		0.8	9.525	3.97	4.4
	TM	DPMT070202-TM	●																		0.2	6.35	2.38	2.8
		DPMT070204-TM	●																		0.4	6.35	2.38	2.8
		DPMT070208-TM	●																		0.8	6.35	2.38	2.8
		DPMT11T302-TM	●																		0.2	9.525	3.97	4.4
DPMT11T304-TM		●																		0.4	9.525	3.97	4.4	
DPMT11T308-TM		●																		0.8	9.525	3.97	4.4	

●: 阵容

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

RC
Round,
有孔
正角 7°

[illegible]

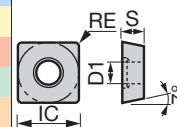
应用	断屑槽	型号	涂层																		尺寸 (mm)					
			AH8005	AH8015	RE	IC	S	D1																		
精加工		RS	RCMT0602M0-RS	●	●																-	6	2.38	2.8		
			RCMT0803M0-RS	●	●																	-	8	3.18	3.4	
			RCMT10T3M0-RS	●	●																		-	10	3.97	4.4
			RCMT1204M0-RS	●	●																		-	12	4.76	4.4
			RCMT1606M0-RS	●	●																		-	16	6.35	5.5
			RCMT2006M0-RS	●	●																		-	20	6.35	6.5
			RCMT2507M0-RS	●	●																		-	25	7.94	7.6
重载加工		61	RCMM1003M0-61	●	●																-	10	3.18	3.6		
			RCMM1204M0-61	●	●																	-	12	4.76	4.2	

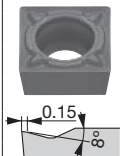
●: 阵容

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

SC

仿形
有孔
正角 7°

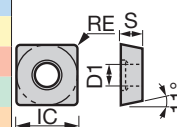
[illegible]

应用	断屑槽	型号	涂层												尺寸 (mm)						
			AH8005	AH8015											RE	IC	S	D1			
精加工到半精加工	PS	SCMT09T304-PS	●														0.4	9.525	3.97	4.4	
		SCMT09T308-PS	●														0.8	9.525	3.97	4.4	
		SCMT120404-PS	●															0.4	12.7	4.76	5.5
		SCMT120408-PS	●															0.8	12.7	4.76	5.5
半精加工	PM	SCMT09T304-PM	●														0.4	9.525	3.97	4.4	
		SCMT09T308-PM	●														0.8	9.525	3.97	4.4	
		SCMT120408-PM	●															0.8	12.7	4.76	5.5
		SCMT120412-PM	●															1.2	12.7	4.76	5.5

●: 新产品

SP

仿形
有孔
正角 11°

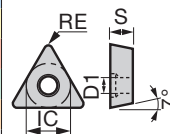
[illegible]

应用	断屑槽	型号	涂层												尺寸 (mm)				
			AH8005	AH8015												RE	IC	S	D
精加工到半精加工		PS	SPMT090304-PS	●												0.4	9.525	3.18	4.4
			SPMT090308-PS	●												0.8	9.525	3.18	4.4
			SPMT120404-PS	●												0.4	12.7	4.76	5.5
			SPMT120408-PS	●												0.8	12.7	4.76	5.5

●: 新产品

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

三角形
有孔
正角 7°

[illegible]

刀尖R为负公差

●: 新产品
●: 阵容

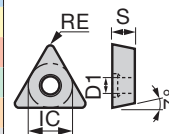
公差

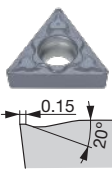
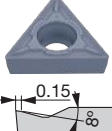


刀片 正角型

TC

 三角形
 有孔
 正角 7°

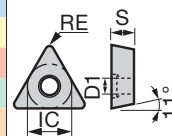


应用	断屑槽	型号	涂层														尺寸 (mm)				
			AH8005	AH8015														RE	IC	S	DI
精加工	TM	TCMT110204-TM	●															0.4	6.35	2.38	2.8
		TCMT110208-TM	●															0.8	6.35	2.38	2.8
		TCMT110302-TM	●															0.2	6.35	3.18	2.8
		TCMT110304-TM	●															0.4	6.35	3.18	2.8
		TCMT110308-TM	●															0.8	6.35	3.18	2.8
		TCMT16T304-TM	●															0.4	9.525	3.97	4.4
		TCMT16T308-TM	●															0.8	9.525	3.97	4.4
半精加工	PM	TCMT110202-PM	●														0.2	6.35	2.38	2.8	
		TCMT110204-PM	●														0.4	6.35	2.38	2.8	
		TCMT110208-PM	●														0.8	6.35	2.38	2.8	
		TCMT16T304-PM	●														0.4	9.525	3.97	4.4	
		TCMT16T308-PM	●														0.8	9.525	3.97	4.4	
		TCMT16T312-PM	●														1.2	9.525	3.97	4.4	

●:新产品
●:阵容

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

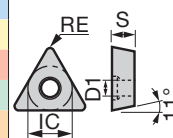

 三角形
 有孔
 正角 11°

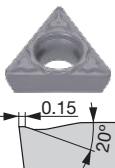
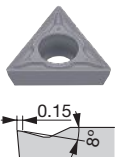
[illegible][illegible]

●: 新产品
●: 阵容

刀片 正角型

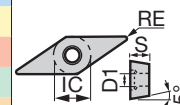
TP
三角形
有孔
正角 11°

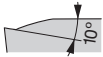
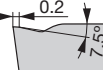
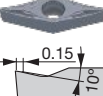
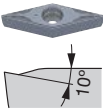
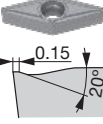


应用	断屑槽	型号	涂层																		尺寸 (mm)			
			AH8005	AH8015																	RE	IC	S	D1
精加工到半精加工	TM	TPMT110302-TM	●																		0.2	6.35	3.18	3.4
		TPMT110304-TM	●																		0.4	6.35	3.18	3.4
		TPMT110308-TM	●																		0.8	6.35	3.18	3.4
半精加工	PM	TPMT090204-PM	●																		0.4	5.56	2.38	2.5
		TPMT090208-PM	●																		0.8	5.56	2.38	2.5
		TPMT110204-PM	●																		0.4	6.35	2.38	2.8
		TPMT110208-PM	●																		0.8	6.35	2.38	2.8
		TPMT110304-PM	●																		0.4	6.35	3.18	3.4
		TPMT110308-PM	●																		0.8	6.35	3.18	3.4
		TPMT130304-PM	●																		0.4	7.94	3.18	3.4
		TPMT130308-PM	●																		0.8	7.94	3.18	3.4
		TPMT16T304-PM	●																		0.4	9.525	3.97	4.4
		TPMT16T308-PM	●																		0.8	9.525	3.97	4.4

●:新产品
●:阵容

菱形, 35°
有孔
正角 5°

[illegible]

应用	断屑槽	型号	涂层														尺寸 (mm)					
			AH8005	AH8015															RE	IC	S	DI
精加工	JS	VBGT110301M-JS	●																<0.1	6.35	3.18	2.8
		VBGT110302M-JS	●															<0.2	6.35	3.18	2.8	
		VBGT110304M-JS	●															<0.4	6.35	3.18	2.8	
		PSF	VBMT110302-PSF	●														0.2	6.35	3.18	2.8	
		VBMT110304-PSF	●															0.4	6.35	3.18	2.8	
		VBMT160402-PSF	●															0.2	9.525	4.76	4.4	
		VBMT160404-PSF	●															0.4	9.525	4.76	4.4	
		TSF	VBMT110302-TSF	●														0.2	6.35	3.18	2.8	
VBMT110304-TSF		●															0.4	6.35	3.18	2.8		
VBMT110308-TSF		●															0.8	6.35	3.18	2.8		
VBMT160402-TSF		●															0.2	9.525	4.76	4.4		
VBMT160404-TSF		●															0.4	9.525	4.76	4.4		
VBMT160408-TSF		●															0.8	9.525	4.76	4.4		
	PSS	VBMT110304-PSS	●														0.4	6.35	3.18	2.8		
	VBMT110308-PSS	●															0.8	6.35	3.18	2.8		
	VBMT160404-PSS	●															0.4	9.525	4.76	4.4		
	VBMT160408-PSS	●															0.8	9.525	4.76	4.4		
	VBMT160412-PSS	●															1.2	9.525	4.76	4.4		
	PS	VBMT110302-PS	● ●														0.2	6.35	3.18	2.8		
	VBMT110304-PS	● ●															0.4	6.35	3.18	2.8		
	VBMT110308-PS	● ●															0.8	6.35	3.18	2.8		
	VBMT160402-PS	● ●															0.2	9.525	4.76	4.4		
	VBMT160404-PS	● ●															0.4	9.525	4.76	4.4		
	VBMT160408-PS	● ●															0.8	9.525	4.76	4.4		
	TM	VBMT110302-TM	●																			

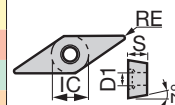
公差

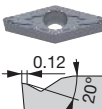
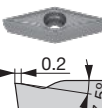
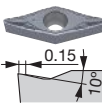
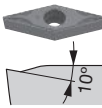
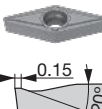


刀片 正角型

VC

菱形, 35°
有孔
正角 7°

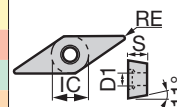
[illegible]

应用	断屑槽	型号	涂层																		尺寸 (mm)			
			AH8005	AH8015																RE	IC	S	D1	
精加工	PSF	VCMT080202-PSF	●																	0.2	4.76	2.38	2.3	
		VCMT080204-PSF	●																	0.4	4.76	2.38	2.3	
		VCMT110302-PSF	●																	0.2	6.35	3.18	2.8	
		VCMT110304-PSF	●																	0.4	6.35	3.18	2.8	
		VCMT160404-PSF	●																	0.4	9.525	4.76	4.4	
		VCMT160408-PSF	●																	0.8	9.525	4.76	4.4	
		TSF	VCMT110302-TSF	●																	0.2	6.35	3.18	2.8
		VCMT110304-TSF	●																	0.4	6.35	3.18	2.8	
		VCMT110308-TSF	●																	0.8	6.35	3.18	2.8	
		VCMT160402-TSF	●																	0.2	9.525	4.76	4.4	
		VCMT160404-TSF	●																	0.4	9.525	4.76	4.4	
		VCMT160408-TSF	●																	0.8	9.525	4.76	4.4	
	精加工到半精加工	PSS	VCMT110304-PSS	●																	0.4	6.35	3.18	2.8
		VCMT110308-PSS	●																	0.8	6.35	3.18	2.8	
		VCMT160404-PSS	● ●																	0.4	9.525	4.76	4.4	
		VCMT160408-PSS	● ●																	0.8	9.525	4.76	4.4	
PS		VCMT110302-PS	● ●																		0.2	6.35	3.18	2.8
		VCMT110304-PS	● ●																		0.4	6.35	3.18	2.8
			VCMT110308-PS	● ●																	0.8	6.35	3.18	2.8
			VCMT160402-PS	●																	0.2	9.525	4.76	4.4
			VCMT160404-PS	● ●																	0.4	9.525	4.76	4.4
			VCMT160408-PS	● ●																	0.8	9.525	4.76	4.4
TM		VCMT110302-TM	●																		0.2	6.35	3.18	2.8
		VCMT110304-TM	●																		0.4	6.35	3.18	2.8
			VCMT110308-TM	●																	0.8	6.35	3.18	2.8
	VCMT160402-TM		●																	0.2	9.525	4.76	4.4	
	VCMT160404-TM		●																	0.4	9.525	4.76	4.4	
	VCMT160408-TM		●																	0.8	9.525	4.76	4.4	
全圆周	VCMT160404	● ●																		0.4	9.525	4.76	4.4	
	VCMT160408	● ●																		0.8	9.525	4.76	4.4	
	VCMT160412	● ●																		1.2	9.525	4.76	4.4	

●: 新产品
●: 阵容

- : 连续切削
- ◐: 轻断续切削
- ⊕: 强断续切削

菱形, 35°
有孔
正角 11°

[illegible]

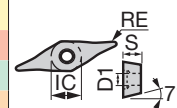
刀尖R为负公差

●: 阵容

公差



菱形, 25°
有孔
正角 7°

[illegible]

●: 阵容

AH8000 SERIES

其他

TUNGTHREAD



适用于数控车床、走心式车床及多任务机床的高效螺纹加工刀具

ADD^{ULTI}TURN



6刀尖设计刀片，实现高通用性、经济性与生产力

MINI^{FORCE}TURN



经济型双面正角刀片

TURN^{TEN}FEED



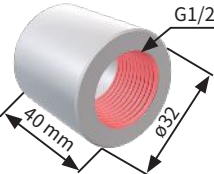
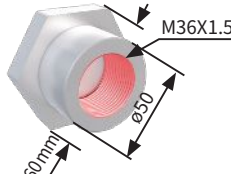
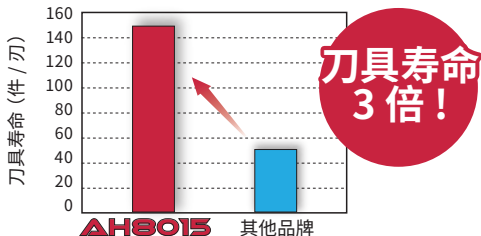
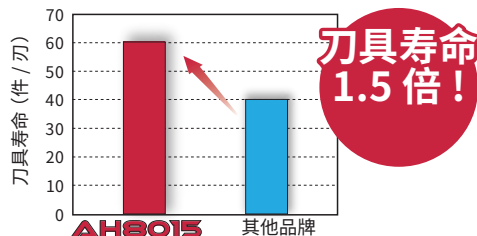
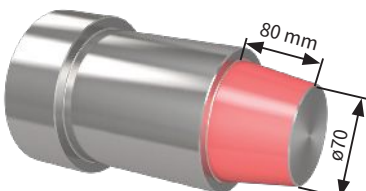
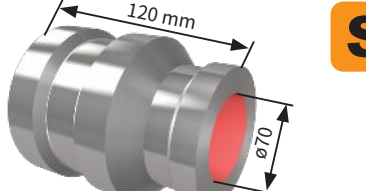
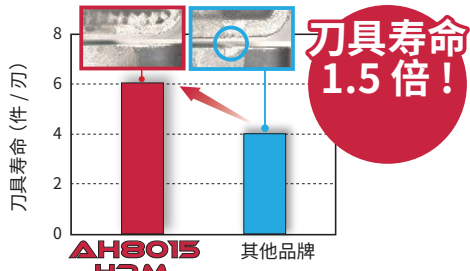
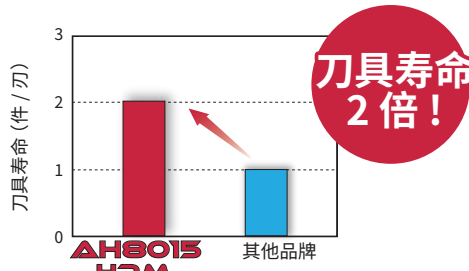
兼具加工效率与刀具经济性的创新刀具

ISO^ETURN



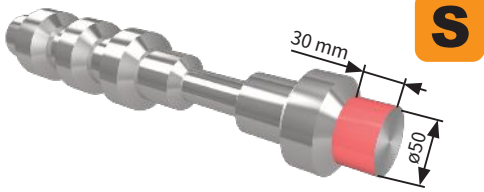
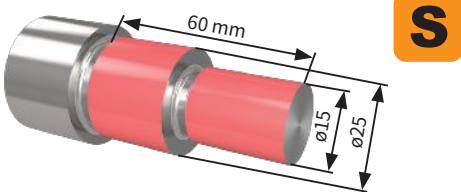
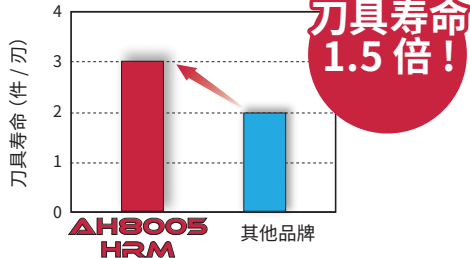
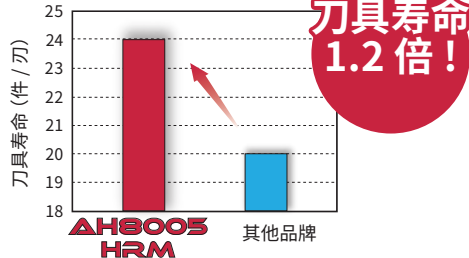
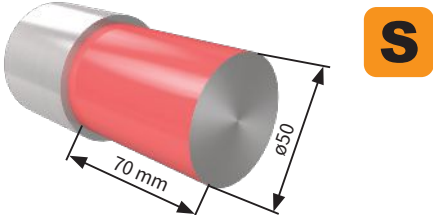
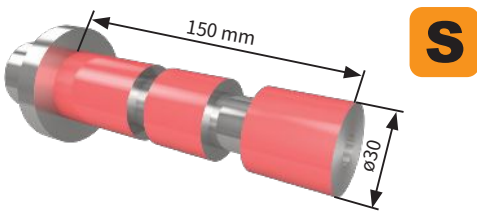
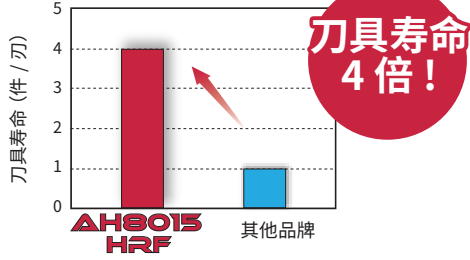
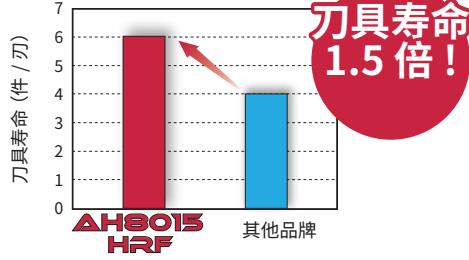
高性价比：切削性能不变，仅尺寸更小

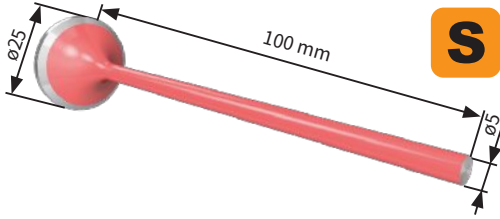
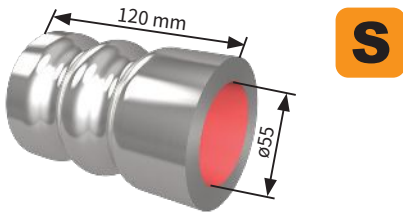
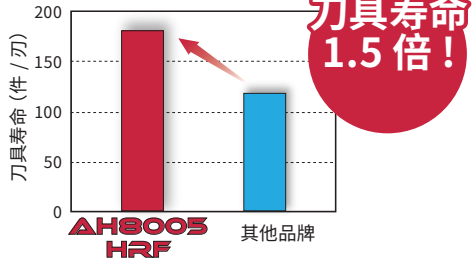
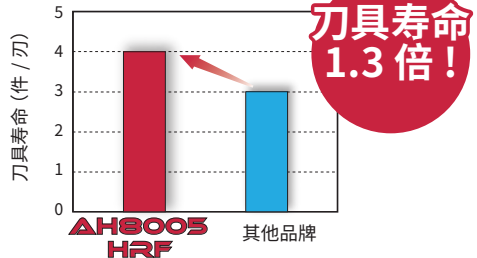
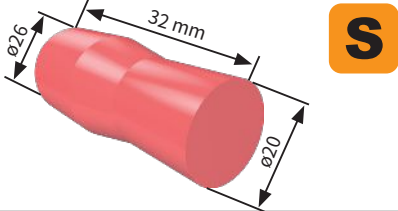
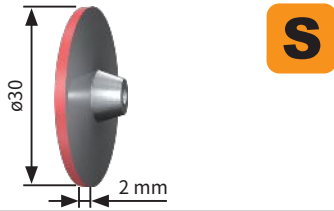
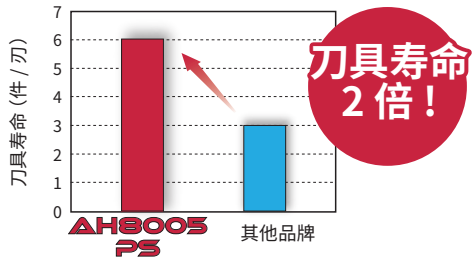
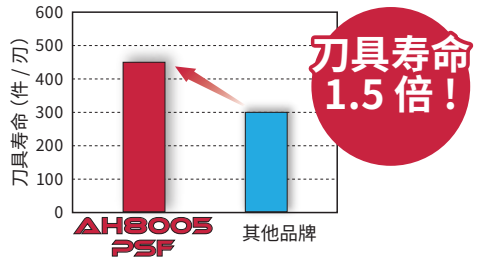
实际案例

工件材料		管道零件	端盖
刀片		16IR14W-M	16IR15ISO-M
材质		AH8015	AH8015
工件材料		SUS304, X5CrNi18-9	SCM440, 42CrMo4
			
螺纹牙型	螺纹	G1/2 (14TPI)	M36X1.5
	螺纹深度 : (mm)	16	19
切削条件	切削速度 : Vc (m/min)	80	110
	走刀次数	8	6
	切入方式	径向进给	径向进给
		湿式	湿式
结果		 兼具高耐磨性与高抗崩损性的 AH8015, 将刀具寿命延长 3 倍	 即使在加工合金钢时, AH8015 仍能提供高耐磨性, 延长刀具寿命达 1.5 倍
工件材料		阀类零件	航空零件
刀片		CNMG120408-HRM	CNMG120408-HRM
材质		AH8015	AH8015
工件材料		Inconel 625	Inconel 718
			
切削条件	切削速度 : Vc (m/min)	30	40
	进给 : f (mm/rev)	0.2	0.22
	切削速度 : ap (mm)	1.5	2
	冷却	湿式	湿式
结果		 :搭载 HRM 断屑槽的 AH8015 大幅降低沟槽磨损, 延长刀具寿命 1.5 倍	 凭借耐磨 / 抗断裂良好平衡性, AH8015 实现刀具寿命翻倍

AH8000 SERIES

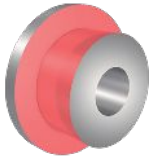
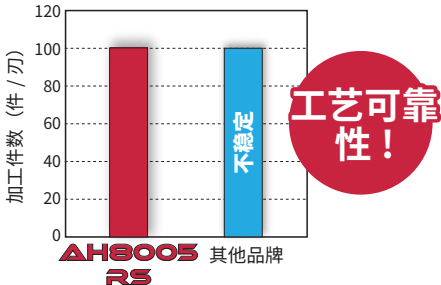
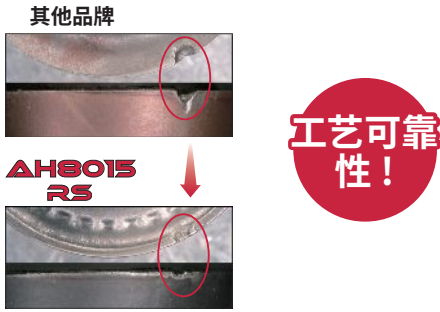
实际案例

工件材料		轴类零件	阀类零件
刀片		CNMG120408-HRM	CNMG120408-HRM
材质		AH8005	AH8005
		Inconel 718	Inconel 718
工件材料			
切削条件	切削速度 : Vc (m/min)	50	80
	进给 : f (mm/rev)	0.28	0.2
	切削速度 : ap (mm)	3.5	1 - 1.5
	冷却	湿式	湿式
结果		 具有高耐磨性的 AH8005 材质, 延长刀具寿命 1.5 倍	 基于卓越耐磨性, AH8005 使刀具寿命提升 1.2 倍
工件材料		管类零件	航空零件
刀片		CNMG120408-HRF	CNMG120412-HRF
材质		AH8015	AH8015
		Hastelloy 276	Inconel 909
工件材料			
切削条件	切削速度 : Vc (m/min)	80	55
	进给 : f (mm/rev)	0.1	0.3
	切削速度 : ap (mm)	1.5 mm x 8 刀	0.5
	冷却	湿式	湿式
结果		 AH8015 在耐磨 / 抗断裂间取得平衡, 刀具寿命提升 4 倍	 AH8015 提供更佳表面光洁度, 延长刀具寿命 1.5 倍

工件材料		阀类零件	航空零件
刀片		CNMG120408-HRF	CNMG120408-HRF
材质		AH8005	AH8005
工件材料		Inconel 718	Inconel 718
工件材料			
切削条件	切削速度 : Vc (m/min)	100	70
	进给 : f (mm/rev)	0.11 - 0.14	0.17
	切削速度 : ap (mm)	0.3	0.5
	冷却	湿式	湿式
结果		 刀具寿命 1.5 倍! AH8005 展现卓越耐磨性, 刀具寿命提高 1.5 倍	 刀具寿命 1.3 倍! 具备优异耐磨性的 AH8005 提供良好表面质量, 刀具寿命延长 1.3 倍
工件材料		密封销	涡轮零件
刀片		VCMT160408-PS	CCMT09T304-PSF
材质		AH8005	AH8005
工件材料		Inconel 718	Inconel 718
工件材料			
切削条件	切削速度 : Vc (m/min)	45	100
	进给 : f (mm/rev)	0.2	0.12
	切削速度 : ap (mm)	0.5	0.07
	加工方式	外圆车削与端面车削	外圆车削
冷却		湿式	湿式
结果		 刀具寿命 2 倍! 采用 PS 断屑槽的 AH8005 通过提速增效, 生产率提升 1.3 倍, 刀具寿命倍增	 刀具寿命 1.5 倍! 配备 PSF 断屑槽的 AH8005 实现优异切屑控制与耐磨性, 刀具寿命延长 1.5 倍

AH8000 SERIES

实际案例

工件材料		法兰	圆盘
刀片		RCMT10T3M0-RS	RCMT1606M0-RS
材质		AH8005	AH8015
工件材料		Inconel 718	Ti-6Al-4V
		 	 
切削条件	切削速度 : Vc (m/min)	85	30
	进给 : f (mm/rev)	0.25	0.5
	切削速度 : ap (mm)	1.25	3
	冷却	湿式	湿式
结果		 加工件数 (件 / 刃) AH8005 RS 其他品牌 工艺可靠性! AH8005配RS断屑槽组合方案, 彻底消除过早失效	 其他品牌 AH8015 RS 工艺可靠性! AH8015配RS断屑槽组合方案, 显著减少沟槽磨损



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