



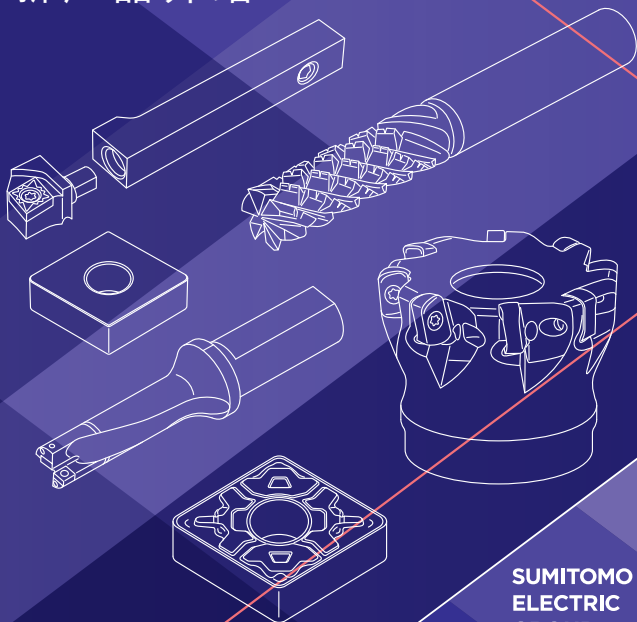
SUMITOMO

CARBIDE - CBN - DIAMOND

Global Support, Global Solutions.

2024 ▶ 2025 NEW PRODUCTS GUIDANCE

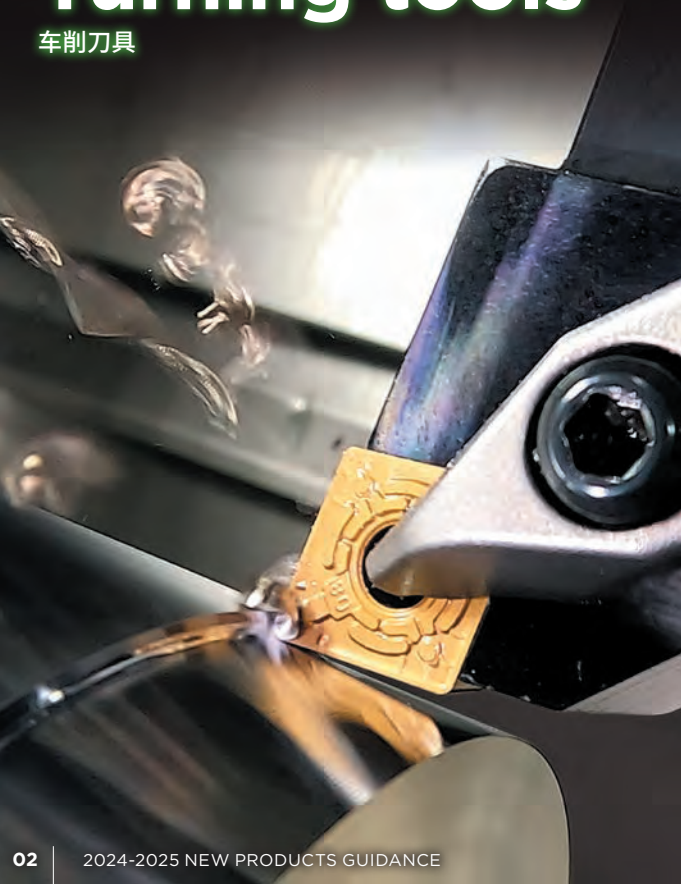
新 产 品 介 绍



SUMITOMO
ELECTRIC
GROUP

Turning tools

车削刀具



AC8115P

AC8115P

钢件车削用涂层材质

Coated Carbide Grades for Steel Turning

P M K N S H

钢件车削的高速、高效率加工的终极版

The definitive grade in high-speed, high-efficiency steel turning

通过运用住友电工特殊的CVD涂层技术“Absotech®”，配合使用进一步完善了晶体定向性控制技术的氧化铝层和抗变形性优良的硬质合金新母材，大幅提高耐磨损性。

由此，在钢件车削的高效率加工和干式加工中实现了长寿命。此外，通过采用金色外观颜色，更易识别已使用的刀尖。

The use of our company's proprietary CVD coating technology (Absotech™), combined with an alumina layer with further refined crystal orientation control technology and a new carbide substrate with excellent plastic deformation resistance, has dramatically improved wear resistance. This enables us to realise long tool life in high-efficiency turning and dry machining of steel. In addition, it adopts a gold colour that makes used corners easily identifiable.



电子样册
以及产品
视频



ABSOTECH

Sumitomo Electric Industries, Ltd.

Turning tools

Turning tools
(CBN/PCD)

Milling tools

Endmills

Drills

DX



电子样册
以及产品
视频



ABSOTECH

2024-2025 NEW PRODUCTS GUIDANCE

AC4125K

AC4125K

铸铁断续车削用涂层材质

Coated Carbide Grades for Cast Iron Interrupted Turning

P M **K** N S H

在铸铁断续加工中发挥优良的耐小崩口性

Excellent chipping resistance in interrupted machining of cast iron

铸铁断续加工的第一推荐材质。

尤其是在差速器外壳、支架外壳等零件粗加工中实现了稳定长寿命化。此外，通过运用Absotech®技术最大限度地赋予压缩应力实现了优良的耐小崩口性，还通过采用金色外观颜色提升了已使用刀尖的识别性。

Our 1st recommended grade for interrupted machining of cast iron. Especially effective for stable long life in roughing of parts like differential cases and carriers.

Also, the use of Absotech™ technology maximizes the applied compression stress, for excellent chipping resistance and improved identification of used corners through the gold colouring.



Turning tools

Turning tools
(CBN/PCD)

Milling tools

Endmills

Drills

DX

AC6135M/AC6145M EH 型 断屑槽

AC6135M/AC6145M EH type chipbreaker

不锈钢车削用涂层材质
不锈钢车削用刀片断屑槽

Coated Grades for Stainless Steel
Stainless Steel Turning Chipbreakers

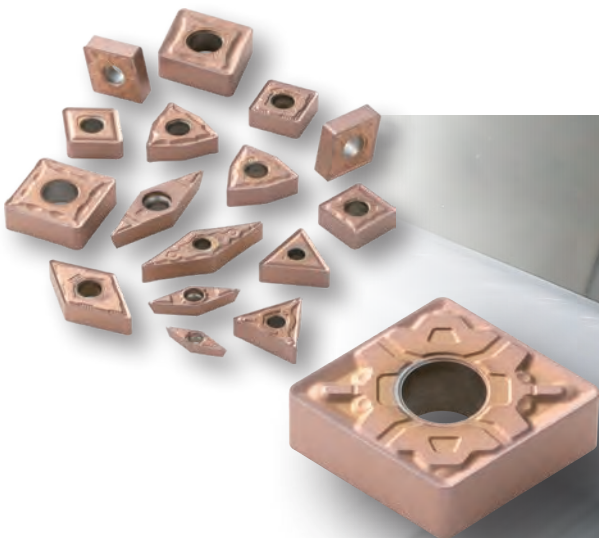
P **M** **K** **N** **S** **H**

最适合不锈钢车削的中～粗加工

Perfect for medium to rough stainless steel turning

最适合于不锈钢的断续加工和黑皮加工的新材质“AC6135M/AC6145M”，以及刀片断屑槽“EH型”上市。

New AC6135M/AC6145M grades ideal for interrupted machining of stainless steel and mill-scale work are now available, along with EH type chipbreaker.



AC6135M/AC6145M ▶

通过运用住友电工特殊的PVD涂层技术“Absotech®”，兼具高耐磨损性和耐崩损性。“AC6135M”在不锈钢的部分断续、黑皮加工中，“AC6145M”在强断续加工中分别实现优良的稳定性和长寿命。

EH型 ▶

最适合中~粗加工的刀片断屑槽。通过采用高强度的两段前角形状、低阻力的球状突起，抑制冲击导致的突发性崩损，粘着和加工硬化等的阻力增加引起的问题，尤其是在断续加工中实现了卓越的稳定性。

AC6135M/AC6145M ▶

The use of our proprietary PVD coating technology (Absotech™) balances high wear resistance and fracture resistance.

Excellent stability and long tool life realized in light interrupted machining of stainless steel and mill-scale work (AC6135M) and heavy interrupted machining (AC6145M).

EH type ▶

The ideal chipbreaker for medium to rough machining. The use of a high-strength double rake shape and low-resistance spherical protrusions suppresses unexpected damage due to impact while also preventing problems caused by increased resistance such as adhesion or work hardening, realising outstanding stability in interrupted machining in particular.



电子样册
以及产品
视频

**ABSOTECH**

Sumitomo Electric Industries, Ltd.

AC9115T / AC9125T

AC9115T / AC9125T

钛合金车削用涂层材质

Coated Carbide Grades for Titanium Alloy Turning

预定2025年1月上市

Release date: Jan.2025

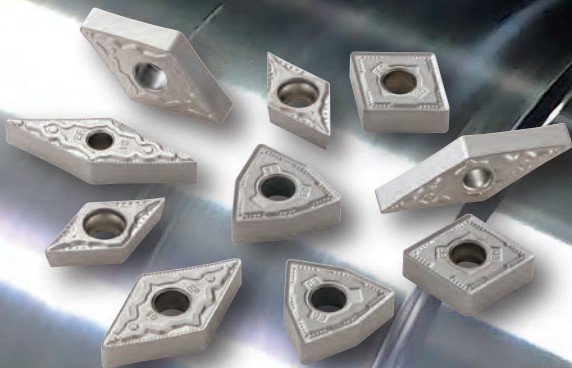
P M K N S H

在钛合金加工中实现极致的长寿命

Overwhelmingly long tool life in machining titanium alloys

钛合金加工的第一推荐材质。凭借专用于钛合金加工的革新性的PVD涂层，在钛合金车削加工中实现极致的长寿命、高效率和良好的加工面品质。

First recommended grade for titanium alloy machining. Through a revolutionary PVD coating specialised for titanium alloy machining, excellent machined surface quality is realised along with overwhelming long tool life and high efficiency in titanium alloy turning.



Turning tools

Turning tools
(CBN)(PCD)

Milling tools

Endmills

Drills

PX

电子样册
以及产品
视频



ABSOTECH

Sumitomo Electric Industries, Ltd.

RE型 断屑槽

RE type chipbreaker

难削材·钢件车削用圆形刀片断屑槽

Round Chipbreakers for Exotic Alloys/Steel Turning

预定2025年1月上市

Release date: Jan.2025

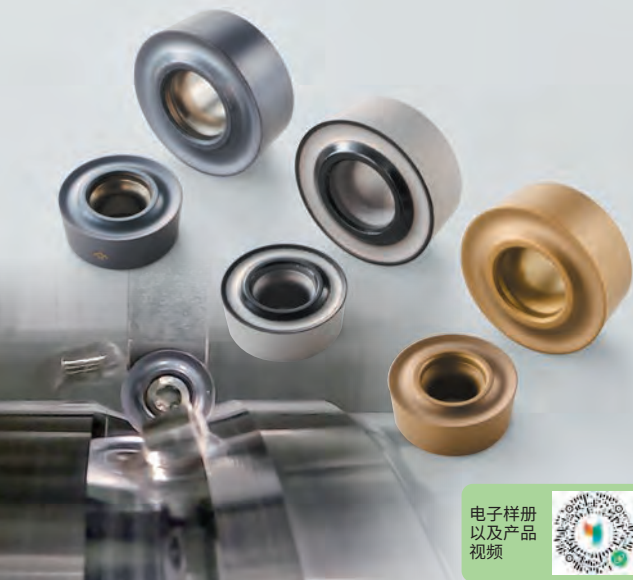
P M K N S H

解决难削材、钢件加工中的切屑问题

Eliminates chip trouble in machining of exotic alloys and steel

在宽大而较高的断屑槽角度的基础上, 采用低阻力且耐磨损性良好的刀尖形状, 提高加工难削材时的切屑处理性能。

In addition to a wide, high chipbreaker angle, the cutting edge shape offers low resistance and good wear resistance, improving chip evacuation in machining of exotic alloys.



电子样册
以及产品
视频





SEC-切槽车刀

SSH型 (扩充品种)

SEC-Grooving Tool Holders SSH series (expanded items)

内径切槽·螺纹切削车刀

Internal Grooving/Threading Tools

P M K N S H

适用于深端面切槽、螺纹切削加工

Supports bottom facing grooving and threading

凭借硬质合金刀杆和高品质刀尖, 实现超群的加工面品质。

通过扩展产品系列, 应对最小加工直径 $\phi 14.0\text{mm}$ ~、槽深 $\sim 3.0\text{mm}$ 的深端面切槽加工。使用专用的内冷式刀杆实现优异的排屑性能。

此外, 螺纹切削刀片形成系列, 可应对更广泛的内径加工需求。

Carbide holder and high-quality cutting edge realise outstanding machined surface quality.

Expanded series supports bottom facing grooving with minimum bore diameter from $\phi 14.0\text{mm}$ and groove depth up to 3.0mm .

Dedicated internal coolant holder realises outstanding chip evacuation. Also, threading inserts are now available as a series, with support for further needs in internal boring.



12-
J
241605

 **APM12-
GWCR-R3J**
FA241605

刀头可换式快速更换刀杆

APM型

Indexable Head Type Quick Change Holder APM series

小型·自动车床用刀具

Small Lathe/Autolathe Tools

提高小型车削加工的生产效率的王牌

The trump card for improving productivity in small lathe machining

只需拆装刀头, 可提高更换刀片时的作业效率、安全性和减少换装时的设备停机时间, 有助于提高生产效率。

此外, 通过嵌合部采用多边形锥形, 在刀头可换式的同时实现 $5\mu\text{m}$ 以内的更换重复精度。

Mounting/removing the head alone improves workability and safety when changing the insert, reducing machine downtime at changeovers and thus increasing productivity.

Also, by using a polygon taper shape for the fitting part, head indexing repeatability within $5\mu\text{m}$ is achieved, despite being an indexable head type.



电子样册
以及产品
视频



スミ スモール
Sumi Small

Sumitomo Electric Industries, Ltd.

BTR型/TGA型/TTE型/GCG型 (扩充品种)

BTR type/TGA type/TTE type/GCG type (expanded items)

切入反拉横进/切槽/螺纹切削/切断加工用刀片

Inserts for Back Turning / Grooving / Threading / Cut-off

P M K N S H

通过扩充刀片形状、材质，扩大对应解决方案

Wider application support through expanded insert shapes and grades

在扩充最适合难削材的AC5000S系列、铝合金耐溶性优异的DL1500等材质的基础上，通过扩充刀尖R、刃宽，扩大适合的应用。

SEC-小型车刀 SBT型用刀片“BTR型”▶

在切入反向横进加工中实现顺畅的切屑处理和优良的排屑性能。

最大可应8mm的加工深度。

SEC-切槽车刀 GWC型用刀片“TGA型”▶

拥有丰富刀片材质阵容的3刀尖切槽刀具。

应对最小刃宽0.33mm~。

SEC-切槽车刀 GWC型用刀片 螺纹切削加工用“TTE型”▶

拥有扩充后丰富的刀片材质阵容的。

应对间距0.2~3.0mm。

SEC-切槽车刀 GND型用刀片“GCG型”▶

凭借丰富多样的刀片阵容实现出众的切屑处理和稳定加工。

适用于切槽、切断、端面加工。

In addition to the AC5000S series, ideal for exotic alloys, and expanded grades such as DL1500 with its excellent adhesion resistance for aluminum alloy, expanded corner radii and widths of cut offer support for even more applications.

BTR type Inserts for SEC-MINI Tool Holder SBT type ▶

Realises smooth chip control and superb chip evacuation in back turning.

For depths of cut up to 8.0mm.

TGA type Inserts for SEC-Grooving Tool GWC type ▶

3-cornered grooving tools with a wide selection of insert grades.

For widths of cut from 0.33mm up.

TTE type Threading Inserts for SEC-Grooving Tool GWC type ▶

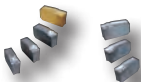
Newly available 3-cornered threading tools with a wide selection of insert grades. Supports pitch of 0.2 to 3.0mm.

GCG type Inserts for SEC-Grooving Tool GND type ▶

Realises outstanding chip evacuation and stable machining with a wide-ranging insert lineup. Supports grooving, cut-off machining, and facing.

Sumi Small





SEC-切断车刀

GLC型SEC-Cut-off Tool Holders **GLC type**

自锁紧式切断加工用刀块

Self-Restrained Blades for Cut-off Machining

预定2025年2月上市

Release date: Feb.2025

P M K N S H

最适合大直径切断加工用途

Ideal for large-diameter cut-off machining applications

凭借优化的刀块形状, 实现牢固稳定的夹紧和超高的刀尖位置精度, 并且由于钢制刀杆采用内冷式, 提高切屑处理性能、刀具寿命和加工面品质。扩充了小零件加工用材质AC1030U、难削材加工用材质AC5000S系列, 在不锈钢和难削材加工中实现出众的长寿命。

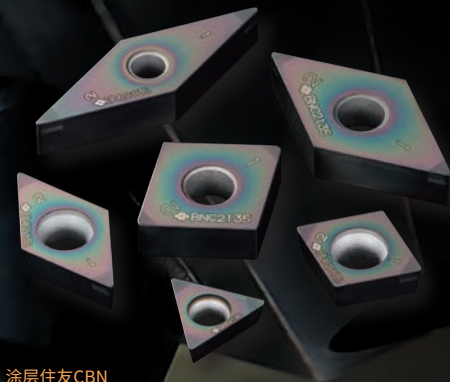
The optimised blade shape realises strong, stable clamping and high cutting edge position accuracy; likewise, the use of internal coolant supply in the steel shank improves chip evacuation, tool life, and machined surface quality.

The lineup includes the AC1030U grade for machining small parts and the AC5000S series of grades for machining exotic alloys, realising outstanding long tool life in machining of stainless steel and exotic alloys.

Turning tools (CBN)

车削刀具 (CBN)





涂层住友CBN

BNC2135

Coated SUMIBORON BNC2135

淬火钢车削用CBN烧结体

CBN for Hardened Steel Turning

预定2025年1月上市

Release date: Jan.2025

P M K N S H

强断续车削用材质新上市

Introducing new grades for heavy interrupted turning

淬火钢车削用涂层住友CBN系列中, 强断续加工用材质BNC2135形成系列。

通过采用耐崩损性优良的涂层和高强度CBN母材,
在强断续加工中实现稳定长寿命。

The BNC2135 grade for heavy interrupted machining has been added to the coated SUMIBORON series for hardened steel turning.

Achieves long and stable tool life in heavy interrupted machining, thanks to highly fracture-resistant coating and high-strength CBN substrate.

电子样册
以及产品
视频



Turning tools (PCD)

车削刀具 (PCD)



SumiDia

DA1090

SUMIDIA DA1090

硬质合金、硬脆材料加工用PCD刀具

PCD Tool for Machining of Cemented Carbide and Hard Brittle Material



最适合硬质合金、硬脆材料粗加工

Ideal for roughing of hard brittle materials including cemented carbide

凭借高金刚石含量和低缺陷结构, 提高在硬质合金、硬脆材料加工时的耐崩损性。

High diamond content and low-chipping structure improve fracture resistance in machining of cemented carbide and hard brittle material.

电子样册
以及产品
视频



Turning tools (Binderless PCD)

车削刀具 (Binderless PCD)



Turning tools

Turning tools
(CBN)(PCD)

Milling tools

Endmills

Drills

DX

住友金刚石无粘结剂 (NPD10)

DABX 型

SUMIDIA BINDERLESS (NPD10) DABX series

小直径镗刀

Small Diameter Boring Bars



适用于硬质合金、硬脆材料的高精度、高效率加工

Supports high-accuracy, high-efficiency machining of cemented carbide and hard brittle material

刀尖采用高硬度的纳米多晶金刚石“住友金刚石无粘结剂®NPD10”，兼顾长寿命化和加工精度提升。

通过将硬质合金模具的放电加工、磨削加工变为切削，实现高效率 and 成本降低。应对最小加工直径 $\phi 3.0\text{mm}$ 。

The use of SUMIDIA BINDERLESS™ high-hardness nanopolycrystalline diamond in the cutting edge enables both longer tool life and improved machining accuracy.

Efficiency is improved and costs are reduced by switching carbide mold electrical discharge machining and grinding to cutting.

Supports minimum bore diameters of $\phi 3.0\text{mm}$ and up.



Milling tools

铣削刀具

SEC-住友双刃铣刀

DMSL型 / DMSW型 (扩充)

SEC-Sumi Dual Mill DMSL series / DMSW series (expansion)

高效率粗加工用高进给刀盘

High-Feed Cutters for High-efficiency Roughing

P M K N S H

适用于超高进给、大切深量

Supports ultra-high-feeds and large depths of cut

采用由高端刀片造型技术打造的多个圆弧相连的复合圆弧形切削刃，实现超越以往的高效率加工。

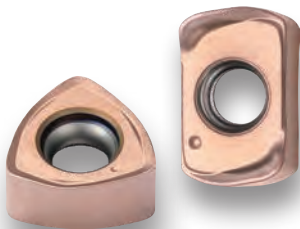
此外，也适用于倾斜加工和螺旋加工，可应对汽车、飞机、造船、工业机械、模具领域等各种加工。

DMSL型用刀片中，低阻力型L型、高强度型H型形成系列。

With a complex arc cutting edge shape using multiple overlapping arcs, made possible by advanced insert molding technology, higher-efficiency machining is realised.

Ramping and helical milling are also applicable, supporting various types of machining in fields including automobiles, aerospace, shipbuilding, industrial machinery, and molds.

Series of inserts for DMSL series includes low cutting force L type and high-strength H type.



2023-008

ECO FLOW

(一社)住友电机工业株式会社 (JFA)
环境认证产品 ★★
(DMSL型)

2022-003

ECO FLOW

(一社)住友电机工业株式会社 (JFA)
环境认证产品 ★★
(DMSW型)

电子样册
以及产品
视频



ACS1000/ACS2500/ACS3000 (扩充)

ACS1000/ACS2500/ACS3000 (expansion)

不锈钢·耐热合金铣削加工用涂层材质

Coated Grades for Milling of Stainless Steel and Heat-resistant Alloys

P M K N S H

实现难削材铣削加工的稳定加工

Stable milling of exotic alloys achieved



ACS2500
ACS3000



适用于WEC型、WGX型、WFX型、RSX型等本公司主要铣刀。在不锈钢和难削材加工中实现稳定长寿命和高效率加工。

ACS1000 ▶ *New*

不锈钢、难削材的高效率加工用材质。凭借耐磨损性优异的硬质合金母材和耐小崩口性优良的涂层，在高效率加工中实现稳定长寿命。

ACS2500 ▶

钛合金加工的第一推荐材质。凭借耐溶着性优良的硬质合金母材和耐小崩口性优良的涂层，特别是在钛合金加工中发挥出众性能。

ACS3000 ▶

Ni基耐热合金和不锈钢加工的第一推荐材质。凭借高韧性母材和耐小崩口性优良的涂层，实现出众稳定性。

Compliant with our main cutters, such as the WEC, WGX, WFX, and RSX types. Realises long, stable tool life and high-efficiency machining of stainless steel and exotic alloys.

ACS1000 ▶

Grade for high-efficiency machining of stainless steel and exotic alloys. Carbide substrate with excellent wear resistance, coupled with a chipping-resistant coating, provides long, stable tool life in high-efficiency machining.

ACS2500 ▶

First recommended grade for titanium alloy machining. Carbide substrate with excellent adhesion resistance, coupled with a chipping-resistant coating, provides outstanding performance in machining titanium alloys in particular.

ACS3000 ▶

First recommended grade for machining of Ni-based heat-resistant alloys and stainless steel. Realises superb stability due to a high-toughness substrate with a highly chipping-resistant coating.



电子样册
以及产品
视频



ABSO TECH

Sumitomo Electric Industries, Ltd.



SEC-住友双面多刃铣刀

DGHC型

多角平面铣削刀盘

P M K N S H

产品特点

重视经济性，双面可用12个刀角

刃尖带修光效果，可实现光滑的加工面

刀尖特殊的倒角设计，可抑制毛刺和崩边

低切削阻力，优异的锋利性



可使用**12个刀角**
经济性优异



Turning tools

Turning tools
(CBN)(PCD)

Milling tools

Endmills

Drills

DX

Endmills

立铣刀



AVIX 型

AVIC 型

AVIX型 / AVIC型

AVIX series / AVIC series

CFRP加工用立铣刀/倒角用立铣刀

Endmills for CFRP Machining / Endmills for Chamfering

P M K N S H

最适合飞机零部件用难削材加工

Ideal for exotic alloy machining of aerospace components

通过采用针对在飞机零部件中经常使用的钛合金和镍基耐热合金等难削材进行了强化的材质，实现了稳定长寿命的立铣刀系列。

AVIX型 ▶

CFRP加工用立铣刀 通过采用新开发的锋利金刚石涂层，刃口锋利性优良，降低了切削阻力。

AVIC型 ▶

倒角用立铣刀 在多刃设计带来的高效率基础上，通过大前角设计降低切削阻力。

This endmill series realises long, stable tool life through the use of grades specialised for the exotic alloys, such as titanium alloy and nickel-based heat-resistant alloys, widely used in aerospace components.

AVIX series ▶

Endmills for CFRP Machining The use of a newly developed radical diamond coating reduces cutting force through excellent edge sharpness.

AVIC series ▶

Endmills for Chamfering In addition to higher efficiency through fine-pitched cutter design, the high rake design reduces cutting force.

Turning tools

Turning tools
(CBN/PCD)

Milling tools

Endmills

Drills

DX

电子样册
以及产品
视频

AVIX型



AVIC型





Drills

钻孔刀具

SumiDrill

GDX 型

SumiDrill GDX series

刀片可换式钻头

Indexable Insert Type Drill

P M K N S H

应对最大L/D=7的深孔加工

Supports deep hole drilling up to L/D=7

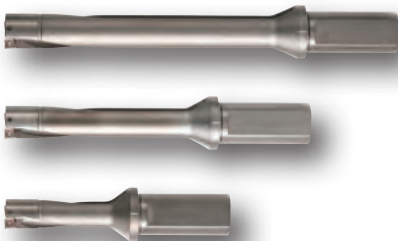
通过高刚性刀杆和大排屑槽形状兼顾刚性和切屑处理性能，应对最大L/D=7的深孔加工。

中心刃和外周刃分别采用优化设计，实现优良的切削均衡性。在不锈钢和一般结构用轧制钢材加工中也能实现出众的切屑处理。

刀片材质采用通用材质ACU2500，外周刃可选择ACP2000、ACS3000，进一步实现了长寿命。

High-rigidity holder and wide pocket shape balance rigidity and chip evacuation, supporting deep boring up to L/D=7.

Excellent cutting balance is realised through individually optimised design of peripheral and central inserts. Outstanding chip control in machining of stainless steel and general structure rolled steel as well. Insert grade is general-purpose ACU2500; further long tool life is achieved with ACP2000 and ACS3000 options for the peripheral insert.



电子样册
以及产品
视频





SumiDrill
SDP-X型

硬质合金整体式钻头

P M K N S H

高效率, 高精度通用型钻头



全新内冷式 *New*

Turning tools

Turning tools
(CBN)(PCD)

Milling tools

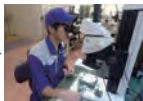
Endmills

Drills

DX



- 1 敬请咨询**
● 提供产品图等必要信息
- 2 工具相关提案**
● 刀具选型
● 时间研究
- 3 试加工支持**
● 灵活应用工具工程中心
- 4 追踪**
● 故障调查
● 程序分析



编写包含加工必要信息的报告进行提案。

实机加工咨询
常州工具工程中心

※提案的报告严格保密，业务方面获得的任何信息不向第三方披露、提供等。

※工具支持PLUS的提案服务主要在常州分部进行。



◆安全使用注意事项◆



- 加工时会出现高温切屑飞溅、排出切屑过长等情况，请使用安全罩壳及防护眼镜等防护具，并务必注意防火、防烫。
- 使用时请务必小心锋利刀尖。
- 使用非水溶性切削油的情况下，为防止火灾意外，请配置自动灭火装置。
- 请勿方法错误、使用条件不当，会造成刀具崩裂、飞溅，请在保持的范围内使用。
- Please handle with care as this product has sharp edges.
- When using non-water soluble cutting oil, precautions against fire must be taken and please ensure that a fire extinguisher is placed near the machine.
- Improper cutting conditions or mis-handling of the tool may result in breakages or projectiles. Therefore, please use the tool within its recommended conditions.

住友电工硬质合金贸易(上海)有限公司

华东地区

住友电工硬质合金贸易(上海)有限公司总公司
住友电工硬质合金贸易(上海)有限公司宁波分公司
住友电工硬质合金贸易(上海)有限公司南京分公司
住友电工硬质合金贸易(上海)有限公司常州分公司
住友电工硬质合金贸易(上海)有限公司嘉兴事务所

地址：上海市延安西路728号华敏·翰尊国际大厦6楼J座邮编：200050
电话：021-5238-1199 传真：021-6212-9689
地址：宁波市江北区大庆南路99号来福士广场办公楼709室(邮编：315020)
电话：0574-8723-3856 传真：0574-8723-3935
地址：南京市泰康路2号中融国际金融中心12楼C座(邮编：210029)
电话：025-8586-0803 传真：025-8586-0881
地址：常州市武进区技术产业开发区西园路8号12号厂房(邮编：213164)
电话：0519-8622-0306(分机305) 传真：0431-8191-6559
地址：浙江省嘉兴市秀洲区东升东路2316号杉杉印象1号楼2201室
电话：18067035651

华北地区

住友电工硬质合金贸易(上海)有限公司北京分公司
住友电工硬质合金贸易(上海)有限公司青岛分公司
住友电工硬质合金贸易(上海)有限公司天津分公司
住友电工硬质合金贸易(上海)有限公司郑州事务所

地址：北京市朝阳区东三环北路3号幸福大厦B座1306室(邮编：100027)
电话：010-6468-6500 传真：010-6468-9530
地址：青岛市市北区龙山路31号卓越世纪中心4号楼1801室(邮编：266033)
电话：0532-5578-7866 传真：0532-5578-7865
地址：天津市空港经济区西园道168号融和广场5号楼21905室(邮编：300300)
电话：022-8494-9495 传真：022-8494-9493
地址：郑州市郑东新区商务外环路14号绿地大厦622室(邮编：450003)
电话：138-1084-8075

东北地区

住友电工硬质合金贸易(上海)有限公司大连分公司
住友电工硬质合金贸易(上海)有限公司长春分公司
住友电工硬质合金贸易(上海)有限公司沈阳事务所

地址：大连市开发区金马路128号天成国际金融中心1911室(邮编：116600)
电话：0411-8792-6266 传真：0411-8792-6277
地址：长春市朝阳区人民大街3299号宏汇国际广场1510室(邮编：130012)
电话：0431-8191-6558 传真：0431-8191-6559
地址：辽宁省沈阳市铁西区建设西路2甲号长禧中心1309A室(邮编：110075)
电话：024-8889-1040

西南地区

住友电工硬质合金贸易(上海)有限公司重庆分公司
住友电工硬质合金贸易(上海)有限公司成都分公司
住友电工硬质合金贸易(上海)有限公司武汉分公司

地址：重庆市江北区建新北路一支路6号未来国际大厦5-1座(邮编：400020)
电话：023-6785-7656 传真：023-6785-7780
地址：四川省成都市锦江区东大街577号环球贸易广场ICC一期904室(邮编：610011)
电话：028-8445-6826 传真：028-8443-6825
地址：武汉市汉阳区汉阳大道688号武汉国际广场4楼1104室(邮编：430077)
电话：027-8711-0080 传真：027-8711-0090

华南地区

住友电工硬质合金贸易(上海)有限公司广州分公司
住友电工硬质合金贸易(上海)有限公司厦门分公司

地址：广州市天河区林和西路3-15号耀中广场A座2221室(邮编：510610)
电话：020-3891-0442 传真：020-3891-0449
地址：厦门市思明区莲花北路1号磐基莲花里1805室(邮编：362000)
电话：0592-5602-190 传真：0592-5602-195

住友电工硬质合金(常州)有限公司

中国刀具技术中心

http://www.sumitool.com/jp(日文) http://www.sumitool.com/en(英文) http://www.sumitool.com/cn(中文)



微信扫一扫



在线样册扫一扫