

设计理念：应用为大

Design Concept: Application comes first

从应用出发，注重用户体验，提高用户生产效率，坚持原创设计，为客户量身定制解决方案及提供整包加工方案。

Starting from application, pay great attention to user experience, focus on improving productivity, persist in originality, design appropriate product for users, provide customized and comprehensive cutting solution for customers.

品质定位：高品质和稳定性

Quality Orientation: High quality

精益求精，制造性能及质量稳定性上媲美欧美日韩的产品，为客户取得更大的经济效益。

Perfecting constantly, provide product with performance and stability comparable to the standard of Europe, America, Japan or South Korea for customers.

制造精神：精品

Manufacturing Spirit: Boutique

坚持工匠精神，精雕细琢，采用现代化管理手段，注重产品的每一个细节，保证每件作品质量及稳定性。

Persist in craftsman spirit, work with meticulousness and precision, pay great attention on details, adopt modern methods of management to guarantee the quality of each product.

销售策略：互利互惠

Sales Strategy: Mutual benefit

互利互惠，提高用户生产效率，降低生产成本，帮助用户提高市场竞争力和产品质量，为经销商提供富有竞争力的产品，取代进口产品。

Based on mutual benefit, minimize production cost and improve productivity, help user improve product quality and competitiveness.

服务原则：技术服务

Service Principle: Technical service

走技术服务路线，提供完整刀具方案及加工参数，提高生产效率及产品质量，降低成本。

Persist in technology-as-a-service, help customer select appropriate product, provide cutting solution and parameters, improve productivity and product quality, and lower production cost.



矢志不渝 追求完美
PASSIONATE PURSUIT OF PERFECTION



藍魔車削系列

自主研发槽型，已申请新型外观专利



工匠之作



专注于加工
不锈钢，钛合金，高温合金

CF



AU

CM



车削材质选用表 Material selection table for turning

涂层性质 Coating Feature	涂层牌号 Coating grade	颜色 Colour	用途 Purpose			
PVD涂层 物理涂层 PVD Coating	CP2130		M		通用性极强的不锈钢加工材质, 适合于中低速加工(Vc<150m/min), 连续及断续性能俱佳。 Stainless steel machining material with high versatility, It is suitable for medium and low speed machining VC < 150m / min, With excellent continuous and intermittent performance.	
	CP2130H		M		耐磨性极强的不锈钢加工材质, 适合于中高速加工(Vc=100-180m/min), 连续及轻微断续加工。 Stainless steel machining material with strong wear resistance, Suitable for medium and high speed machining (VC = 100-180m / min), Continuous and slightly intermittent machining.	
	CP2430		M	H	HRC45-63淬火钢及不锈钢加工, 钢件的低速加工(Vc<150m/min)。 Stainless steel and HRC45-63 Hardened Steel processing, Vc<150m/min Steel processing	
	CP2430F CP2430H		M	S	H	高温合金、钛合金、不锈钢加工, 连续及轻微断续加工。 Stainless steel, high temperature alloy, Titanium alloy machining, Continuous and slightly intermittent processing.
	CP2630		M	P	K	通用材质, 不锈钢, 钢件, 铸铁强断续加工。 Stainless steel, Steel, cast iron For Strong intermittent machining.
	NEW CPA3130			P	K	双向不锈钢, 钢件, 铸铁强断续粗加工。 Duplex stainless steel, Steel, Cast iron For Strong intermittent rough machining.
	NEW CP6130		M	S		钛合金及不锈钢加工, 特别是锋利刃口刀具, 连续及断续性能俱佳。 Titanium alloy and stainless steel machining, especially sharp edge cutting tools, excellent continuous and intermittent performance.
	NEW CP8130		M	P		通用材质, 不锈钢、高温合金、钢件加工, 连续及断续加工。 Stainless steel, High temperature alloy, Steel machining, Continuous and intermittent processing.
	NEW CP9030		M	S		不锈钢及高温合金粗加工, 强断续性能优异。 High temperature alloy and stainless steel rough machining, Excellent intermittent performance.
CVD涂层 化学涂层 CVD Coating	NEW CC2135		M	S		高温合金及不锈钢高速加工, 适合于Vc=150-250m/min, 连续及轻微断续加工。 High speed machining of stainless steel and high temperature alloy, Suitable for continuous and slightly intermittent machining with VC = 150-250m / min.
	CC1125 CC1135			P		钢件的高速连续加工, Vc=180-400m/min。 High speed continuous machining of steel parts, VC = 180-400m / min.
	CC1135G CC1235G			P		通用性极强的钢件加工, 适合于Vc=150-320m/min, 连续及断续性能俱佳。 It is suitable for steel machining with high versatility and VC = 150-320m / min, With excellent continuous and intermittent performance.
	CC3110				K	铸铁加工通用材质。 Common material for cast iron processing.
	CC730				K	灰口铸铁及球墨铸铁强断续加工。 Common material for Gray cast iron processing.
	NEW CC740G			P	K	钢件及镍基铸铁强断续加工。 Vermicular cast iron and steel are machining with strong discontinuity,

○ : 连续加工 Continuous processing ⊖ : 不规则形状加工 Irregular processing ⊕ : 断续加工 Intermittent processing

与众不同

大道至简

Greatness in Simplicity

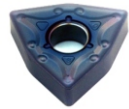
半精加工
Semi

双向不锈钢
00Cr18Ni5MoSi2
沉淀硬化不锈钢
0Cr17Ni4Nb
Vc=50-100m/min



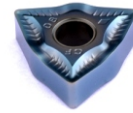
13-14P

CM.CC2135



15P

CMA.CPA3130



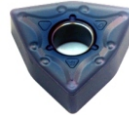
12P

CF.CP2430H



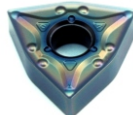
13-14P

CM.CC2135



15P

CMA.CPA3130



13-14P

CMA.CP2430

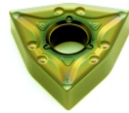
马氏体不锈钢
420, 440
Vc=80-180m/min

奥氏体不锈钢
303,304,316
Vc=60-160m/min



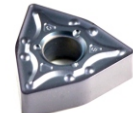
13-14P

CM.CP2130



13-14P

CMA.CP9030



15P

CMA.CP8130



CMA.CP2130H



13-14P

CM.CC2135
Vc=150-220m/min
高速切削 High speed

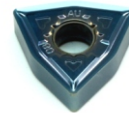
精加工
Finishing

Vc=100-180m/min



12P

AU.CP2130H



12P

AU.CP2430F



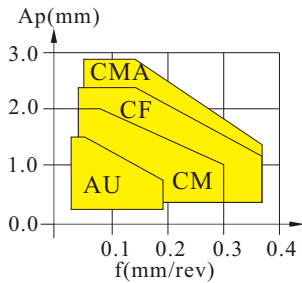
13-14P

CM.CP2130H

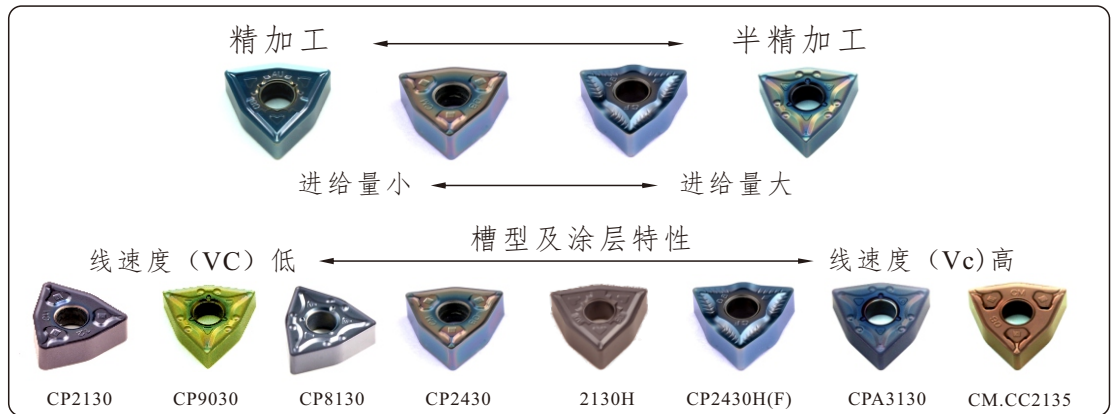


13-14P

CM.CP2430F



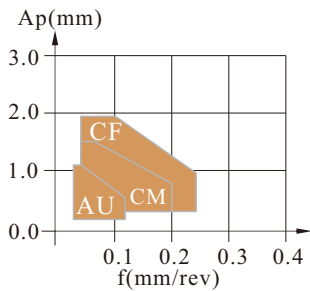
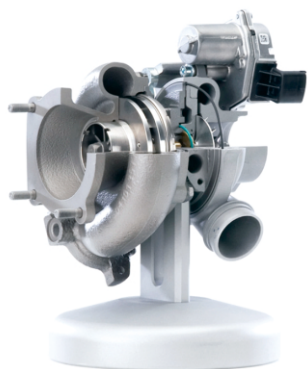
不锈钢
Stainless steel



与众不同

大道至简

Greatness in Simplicity



高温合金
Heat-resisting steel

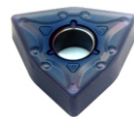
半精加工
Semi

钴基高温合金
Hayness188
Vc=30-50m/min



13-14P

CM.CC2135



15P

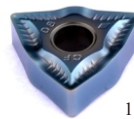
CMA.CPA3130

铁基高温合金
12Cr2MoWSiVTiB
Vc=60-100m/min



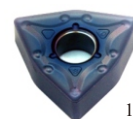
13-14P

CM.CC2135



15P

CF.CP2430H



12P

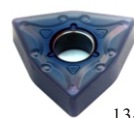
CMA.CPA3130

镍基高温合金
Inconel 718
Vc=50-80m/min



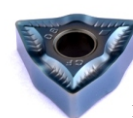
15P

CM.CC2135



13-14P

CMA.CPA3130



12P

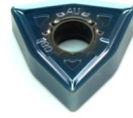
CF.CP2430H

精加工
Finishing

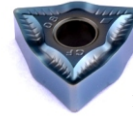
Vc=50-100m/min



CM.CP2430F



AU.CP2430F



12P

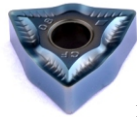
CF.CP2430F



矢志不渝 追求完美

半精加工
Semi
精加工
Finishing

钛合金
TC4, TC18
Vc=50-80m/min



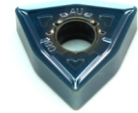
15P

CF.CP2430F



12P

CF.CP9030

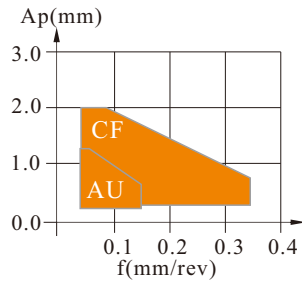


12P

AU.CP9030

12P

AU.CP2430F

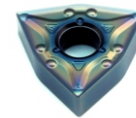


钛合金
Titanium alloy



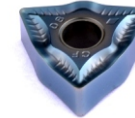
精加工
Finishing

HRC40-63
hardened steel
Vc=30-100m/min



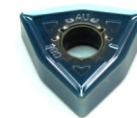
16P

CMA.CP2430



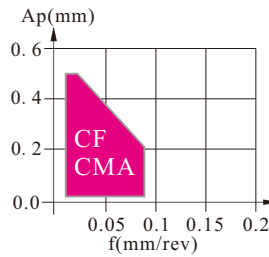
15P

CF.CP2430
CF.CP2430H



15P

AU.CP2430F

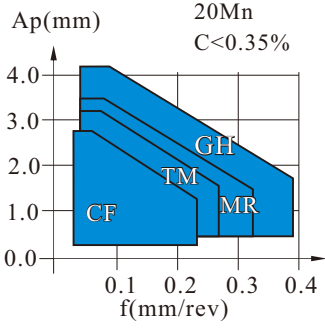


淬火钢
HRC40-63
hardened steel



矢志不渝 追求完美

半精加工
粗加工
Semi
Round



钢
Steel

锻造及铸造
中高碳合金钢
40Cr, 42CrMo
GCr15 S50C
C>0.35%

低速 PVD涂层
Vc=60-150m/min
强断续加工
及连续加工

中高速 CVD涂层
Vc=150-350m/min
Vc=150-220m/min
不规则加工
强断续加工

软钢,
低碳合金钢
A3,20CrMoTi
20Mn
C<0.35%

低速 PVD涂层
Vc=80-150m/min
断续加工

中高速 CVD涂层
Vc=150-180m/min
Vc=150-350m/min
断续加工
不规则加工

高速 金属陶瓷
Cermet
Vc=150-300m/min
连续加工

精加工
Finishing

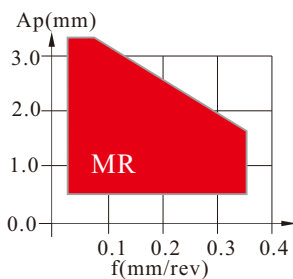
低速 PVD涂层
Vc=80-180m/min
强断续加工

高速 CVD涂层
Vc=150-350m/min
不规则加工
高速 金属陶瓷 Cermet
连续加工

	16P		CMA.CPA3130
	18P		TM.CC1235G
	16P		MR.CC1235G, CC740G
	18P		GH.CC740G
	18P		R/L-ZC.CC740G
	16P		CMA.CP2430
	15P		CF.CP2430H
	15P		CF.CC1035G
	15P		CF.CC1135G
	18P		GH.CC740G
	18P		R/L-ZC.CC740G
	17P		MT.CT20
	18P		R/L-ZC.CT20
	16P		CM.CP2430
	15P		CF.CP2430H
	15P		CM.CC1125
	15P		CQ.CC1235G
	17P		MT.CT20

精加工
粗加工
Finishing
Round

球墨铸铁
VC=150-280m/min
灰口铸铁
VC=250-400m/min



铸铁
Cast iron

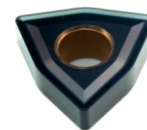


矢志不渝 追求完美

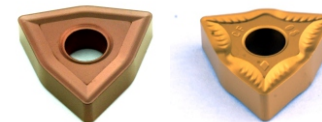


18P

MR.CC730
球墨及蠕墨铸铁
Ductile cast iron
Vermicular cast iron



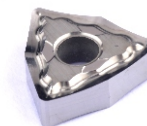
GH.CC3110
灰口及球磨铸铁
Gray&Ductile cast iron



GH.740G MR.CC740G
镍基铸铁
Nickel base cast iron

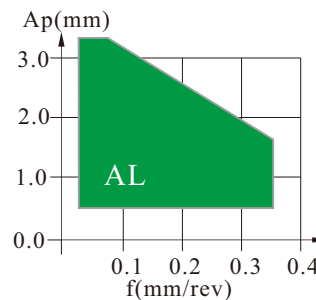
精加工
粗加工
Finishing
Round

铝合金
VC=250-400m/min
红铜
VC=180-250m/min



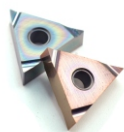
20P

AL.CW20



铝合金
Aluminium alloy

外圆加工



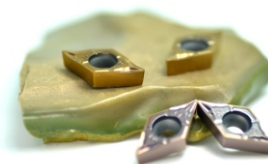
R/L-S



R/L-Y



R/L-U

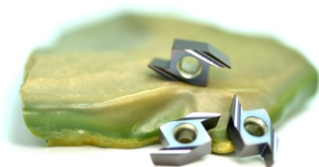


CF



CM

后阶段加工



切断,切槽



小径整体合金镗刀





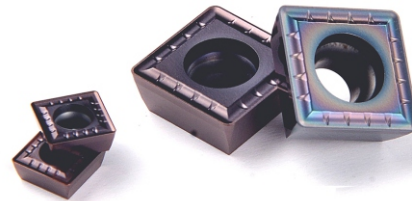
矢志不渝 追求完美

PASSIONATE PURSUIT OF PERFECTION

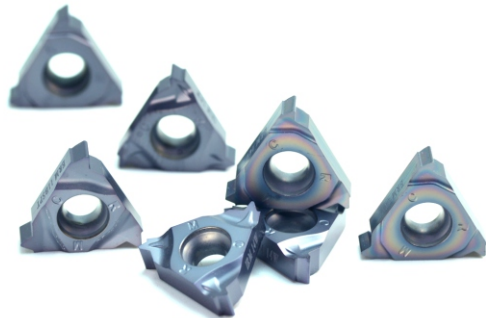
切槽刀片 Grooving insert P



U钻刀片 U Drilling Insert



螺纹刀片 Thread insert P



SPG(M)T P



WCG(M)X P

Excellent Performance

切削参数

Cutting parameters

常用计算公式 Commonly used formula



矢志不渝 追求完美

转速 S
Speed $S = \frac{Vc \times 1000}{3.14 \times Dc}$ (rev/min)

切削速度(线速度) Vc
Linear velocity $Vc = \frac{S \times 3.14 \times Dc}{1000}$ (m/min)

Dc:工件直径 (Workpiece diameter)

每分钟切削长度 F
Cutting length per minute $F = f \times S \times T$ (mm/min)

每齿进给量 f
(Feed per tooth) $f = \frac{F}{S \times T}$ (mm/tooth)

f:每齿进给量 (Feed per tooth) T: 刀具齿数 (Number of setting teeth)

切削加工小常识

1. 最小切削深度应该尽量大于刀尖圆角。
2. 最高的进给量应该小于刀尖圆角的一半。
3. PVD物理涂层适合难加工材料(软钢, 不锈钢, 高温合金等)、细长轴、薄壁件、机床刚性差的精加工、半精加工, Vc<180m/min, CVD化学涂层适合半精加工至粗加工, 高速加工Vc=180-400m/min;

Machine work common sense

1. The minimum cutting depth should be greater than the re.
2. The highest feeding should be far less than the re.
3. PVD coating for difficult-to-machine materials and finishing, semi-finishing, Vc<180m/min; CVD coating is suitable for semi-finishing to rough machining, high speed cutting Vc=150-400m/min;

工欲善其事 必先利其器
Sharp tools make good work

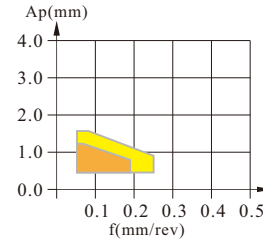
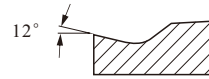
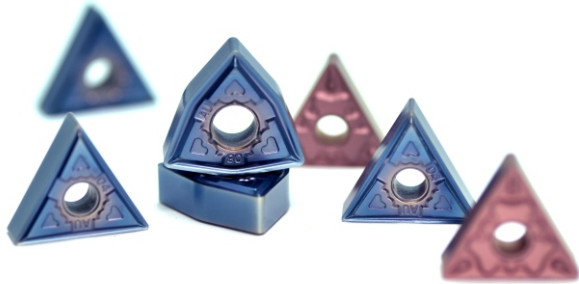
表面粗糙度 Surface roughness

表面粗糙度 Ra um	刀尖圆角 re (mm)						
	0.1	0.2	0.4	0.8	1.2	1.6	2.4
进给量 f (mm/rev)							
0.8	0.04	0.06	0.08	0.12	0.14	0.17	0.21
1.6	0.06	0.10	0.14	0.20	0.24	0.28	0.34
3.2		0.14	0.20	0.28	0.34	0.39	0.48
6.3			0.27	0.39	0.48	0.56	0.68
8.0				0.44	0.54	0.63	0.77

AU,CQ Turning insert

一精加工车削刀片 Finishing

自主研发专利槽型 Patented



特点:

刃口非常锋利，铁屑控制好，耐磨性极强，精加工专用；

被加工对象:

不锈钢，钛合金，高温合金，钢的精加工。

Feature:

Very sharp edge, well chip breaking, perfect abrasive resistance, special for finishing.

Application:

Finishing for Stainless steel, Titanium alloy, Heat resisting alloy, Steel.

负角刀片 Negative turning

		PVD涂层			CVD	加工参数 parameters Vc (mm/min)
		CP2130H	CP2430F	CP9030	CC1235	
工件 材 质	P 软钢及钢件精加工 Steel	✳	✳	✳	✳	80-150-200
	P 淬火钢加工 hardened steel		✳			40-70-100
	M 不锈钢 Stainless steel	✳	✳	✳	✳	60-120-180
	S 钛合金 Titanium alloy		✳	✳	✳	40-70-90
	S 耐热合金 Heat-resisting steel		✳			40-70-90
常用型号规格						断屑槽对应表
CNMG120404, 08, 12-AU		✳	✳	✳		Mitsubishi:MS,SH Kyocera:HQ Taegutec: SF Sandvik:MF
TNMG160404, 08-AU		✳	✳	✳		
WNMG080404, 08-AU		✳	✳	✳		
CNMG120404, 08-CQ			✳		✳	
TNMG160404, 08-CQ			✳		✳	
WNMG080404, 08-CQ			✳		✳	

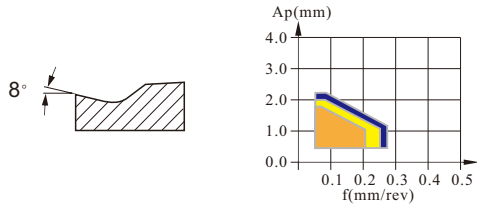
● : 首选; ○ 可选 ● : 连续加工 ◐ : 不规则形状加工 ✳ : 断续加工

-CM Turning insert

一精加工及半精加工车削刀片

Finishing & Semi-finishing

自主研发专利槽型 Patented



特点:

刃口锋利, 铁屑控制好, 耐磨性好, 精加工及半精加工一气呵成;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 低碳钢。

CP2130: 通用不锈钢加工材质;

CP2430: 高温合金, 钛合金加工, 不锈钢, 淬火钢加工;

CP2430F: 高温合金, 钛合金加工, 不锈钢精加工;

CP8130: 不锈钢强断续半精加工。

CC2135: 不锈钢及高温合金高速加工 $V_c=150-250\text{m/min}$ 。

CC1125: 低碳钢精加工。

Feature:

Sharp edge, well chip breaking, perfect abrasive resistance, covering both finishing and semi-finishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2130: Universal grade for stainless steel.

CP2430: Heat resisting alloy, Titanium alloy, Stainless steel and handend steel.

CP2430F: Heat resisting alloy, Titanium alloy, Stainless steel Finishing.

CP8130: Stainless steel strong intermittent semi finishing.

CC2135: High speed machining of stainless steel and superalloy,
 $V_c=150-250\text{m/min}$.

CC1125: Low carbon steel Finishing.

A-02

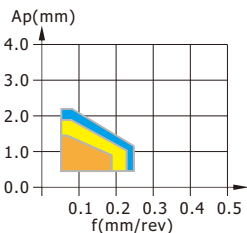
	PVD			CVD		加工参数 parameters Vc (mm/min)	
	CP2130	CP2430	CP2430F	CP8130	CC2135		CC1125
工件 材 质	P 软钢及钢件精加工 Steel			✱	●	●	150-220-280
	P 淬火钢加工 hardened steel		●	●			30-50-80
	M 不锈钢 Stainless steel	✱	✱	✱	✱	●	60-120-180
	S 钛合金 Titanium alloy			✱			40-70-90
	S 耐热合金 Heat-resisting steel		✱	✱	✱	●	40-70-90
常用型号规格							断屑槽对应表
	CNMG120404, 08, 12-CM	✱	✱	✱	✱	●	Mitsubishi: MS, MA Kyocera: MS Taegutec: PC,MP Sandvik: MM Kennametal: P,MP
	DNMG150404, 08-CM	✱	✱	✱	✱	●	
	DNMG150604, 08-CM	✱	✱	✱	✱	●	
	SNMG120404, 08, 12-CM	✱	✱	✱	✱	●	
	TNMG160404, 08-CM	✱	✱	✱	✱	●	
	VNMG160404, 08-CM	✱	✱	✱	✱	●	
	WNMG080404, 08, 12-CM	✱	✱	✱	✱	●	
	CNMG09T304, 08-CM	✱	✱	✱			
	TNMG120304, 08-CM	✱	✱	✱			

CM Turning insert

—精加工及半精加工车削刀片

Finishing & Semi-finishing

自主研发专利槽型 Patented



特点:

刃口锋利, 铁屑控制好, 耐磨性好, 精加工及半精加工一气呵成;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 低碳钢。

CP2130H: 通用不锈钢加工材质;

CP2430&CP2430F: 高温合金, 钛合金加工, 不锈钢高速加工;

CP8130: 不锈钢, 钛合金, 高温合金粗加工。

CC2135: 不锈钢及高温合金高速加工 $V_c=150-250\text{m/min}$ 。

Feature:

Sharp edge, well chip breaking, perfect abrasive resistance, covering both finishing and semi-finishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy, Hardened steel, Low-carbon steel.

CP2130H: Universal grade for stainless steel.

CP2430&CP2430F: Heat resisting alloy, Titanium alloy,

Stainless steel with high speed working.

CP8130: Stainless steel .

CC2125: High speed machining of stainless steel and superalloy, $V_c=150-250\text{m/min}$.

		PVD			CVD		加工参数 parameters V_c (mm/min)
		CP2130H	CP2430	CP2430F	CP8130	CC2135	
工件材料	P 软钢及钢件精加工 Steel				✱	●	150-220-280
	P 淬火钢加工 hardened steel		●				30-50-80
	M 不锈钢 Stainless steel	✱	✱	✱	✱	●	60-120-180
	S 钛合金 Titanium alloy			✱			40-70-90
	S 耐热合金 Heat-resisting steel		✱	✱	✱	●	40-70-90
常用型号规格		断屑槽对应表					
CCGT060202, CCMT060204, 08-CM		✱	✱	✱	✱	●	Mitsubishi: MS, MA Kyocera: MS Taegutec: PC,MP Sandvik:MM Kennametal: P,MP
CCGT09T302, CCMT09T304, 08-CM		✱	✱	✱	✱	●	
CCMT120404, 08, 12-CM		✱	✱	✱	✱	●	
DCGT070202, DCMT070204-CM		✱	✱	✱	✱	●	
DCGT11T302, DCMT11T304-CM		✱	✱	✱	✱	●	
SCMT09T304, 08-CM		✱	✱	✱	✱	●	
TCGT110202, TCMT110204, 08-CM		✱	✱	✱	✱	●	
VBGT110302-CM		✱	✱	✱	✱		
VCGT110302-CM		✱	✱	✱	✱		
VPGT110302-CM		✱	✱	✱	✱		
VBGT160402, VBMT160404, 08-CM		✱	✱	✱	✱	●	
VCGT160402-CM		✱	✱	✱	✱		

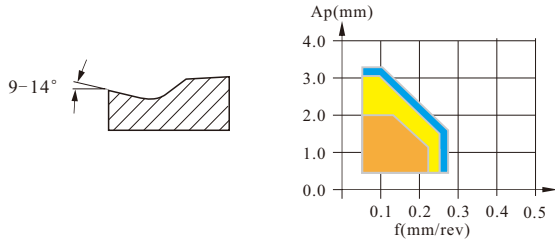
CF Turning insert

一精加工及半精加工车削刀片

Finishing & Semi-finishing

自主研发专利槽型 Patented

难加工材料
加工克星：蓝魔系列



特点：

刃口非常锋利，铁屑控制好，精加工及半精加工专用；
被加工对象：

不锈钢，钛合金，高温合金，淬火钢，低碳钢首选。

Feature:

Sharp edge, well chip breaking, special for finishing and semi-finishing.

Application:

First choice for Stainless steel, Titanium alloy, Heat resisting alloy, Hardened steel, Low-carbon steel.

PVD				CVD		加工参数 parameters Vc (mm/min)
CP2430	CP2430F	CP8130	CP9030	CC2135	CC1135G	

工件 材 质	P	软钢及钢件精加工 Steel	✱	●	✱		✱	●	120-180-250
	P	淬火钢加工 hardened steel	✱	●					30-50-80
M	不锈钢 Stainless steel	✱	✱	✱	✱	✱			60-120-180
S	钛合金 Titanium alloy		✱		✱				40-70-90
S	耐热合金 Heat-resisting steel	✱	✱	✱		✱			40-70-90
常用型号规格									断屑槽对应表
CNMG120404, 08,12-CF	✱	✱	✱	✱	✱	✱	●	Mitsubishi : MJ Kyocera : TK Taegutec : ML Sandivik : SF Tungaloy : SS	
DNMG150404, 08-CF	✱	✱	✱	✱	✱				
DNMG150604, 08-CF	✱	✱	✱	✱	✱				
TNGG160401-CF	✱	✱	✱	✱	✱				
TNGG160402-CF	✱	✱	✱	✱	✱				
TNMG160404, 08, 12-CF	✱	✱	✱	✱	✱	●			
VNMG160404, 08, 12-CF	✱	✱	✱	✱	✱				
WNMG080404, 08, 12-CF	✱	✱	✱	✱		●			

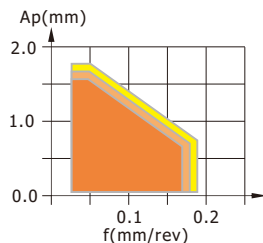
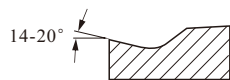
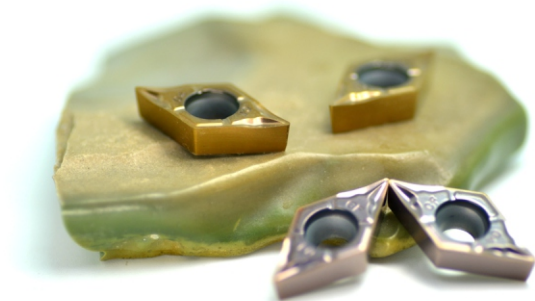
NEW

CF Turning insert

一精加工及半精加工车削刀片

Finishing & Semi-finishing

自主研发专利槽型 Patented



特点:

刃口锋利, 铁屑控制好, 精加工及半精加工专用;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 低碳钢首选。

Feature:

Sharp edge, well chip breaking, special for finishing and semi-finishing.

Application:

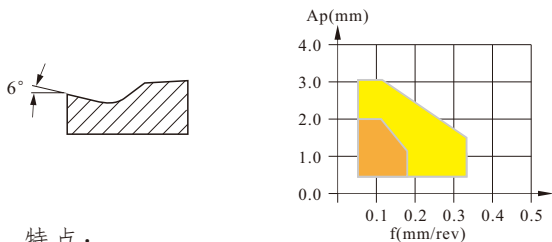
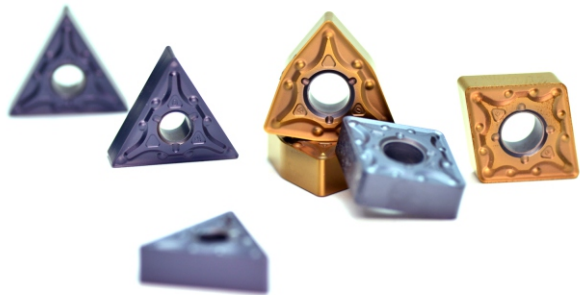
First choice for Stainless steel, Titanium alloy, Heat resisting alloy, Hardened steel, Low-carbon steel.

		PVD				加工参数 parameters Vc (mm/min)
		CP2430F	CP2630	CP8130	CP9030	
工件 材 质	P 软钢及钢件精加工 Steel	✱	✱	✱	✱	120-180-250
	P 淬火钢加工 hardened steel		●			30-50-80
	M 不锈钢 Stainless steel	✱	✱	✱	✱	60-120-180
	S 钛合金 Titanium alloy	✱	✱			40-70-90
	S 耐热合金 Heat-resisting steel		✱			40-70-90
常用型号规格						断屑槽对应表
CCGT060202 - CF		✱	✱	✱	✱	
CCGT060204 - CF		✱	✱	✱	✱	
CCGT09T302 - CF		✱	✱	✱	✱	
CCGT09T304 - CF		✱	✱	✱	✱	
DCGT070201 - CF		✱	✱	✱	✱	
DCGT070202 - CF		✱	✱	✱	✱	
DCGT070204 - CF		✱	✱	✱	✱	
DCGT11T301 - CF		✱	✱	✱	✱	
DCGT11T302 - CF		✱	✱	✱	✱	
DCGT11T304 - CF		✱	✱	✱	✱	
VBGT110301 - CF		✱	✱	✱	✱	
VBGT110302 - CF		✱	✱	✱	✱	
VCGT110301 - CF		✱	✱	✱	✱	
VCGT110302 - CF		✱	✱	✱	✱	
VPGT110301 - CF		✱	✱	✱	✱	
VPGT110302 - CF		✱	✱	✱	✱	
TNGG160401-CF		✱	✱	✱	✱	
TNGG160402-CF		✱	✱	✱	✱	
TNGG160404-CF		✱	✱	✱	✱	

CMA Turning insert

半精加工车削刀片

Finishing & Semi-finishing



特点:

刃口较锋利, 铁屑控制好, 半精加工专用;

被加工对象:

不锈钢, 高温合金, 淬火钢, 低碳钢首选。

Feature:

Sharp edge, well chip breaking, special for semi-finishing.

Application:

First choice for Stainless steel,

Heat resisting alloy, Hardened steel, Low-carbon steel.

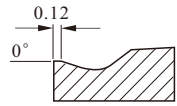
PVD				
CP2130H	CP2430	CP8130	CPA3130	CP9030

工件材质						加工参数 parameters
						V _c (mm/min)
P 软钢及钢件精加工 Steel	✦	✦	✦	●	✦	120-180-250
P 淬火钢加工 hardened steel		●				30-50-80
M 不锈钢 Stainless steel	✦	✦	✦	✦	✦	60-120-180
S 钛合金 Titanium alloy						40-70-90
S 耐热合金 Heat-resisting steel			✦	✦	✦	40-70-90
常用型号规格					断屑槽对应表	
CNMG120404-CMA	✦	✦	✦	✦	✦	Mitsubishi: MA Kyocera: PG,MS,PS Taegutec: PC,MT Tungaloy: TM
CNMG120408-CMA	✦	✦	✦	✦	✦	
CNMG120412-CMA	✦	✦	✦	✦	✦	
DNMG150404-CMA	✦	✦	✦	✦	✦	
DNMG150408-CMA	✦	✦	✦	✦	✦	
DNMG150604-CMA	✦	✦	✦	✦	✦	
DNMG150608-CMA	✦	✦	✦	✦	✦	
SNMG120404-CMA	✦	✦	✦	✦	✦	
SNMG120408-CMA	✦	✦	✦	✦	✦	
SNMG120412-CMA	✦	✦	✦	✦	✦	
TNMG160404-CMA	✦	✦	✦	✦	✦	
TNMG160408-CMA	✦	✦	✦	✦	✦	
TNMG160412-CMA	✦	✦	✦	✦	✦	
VNMG160404-CMA	✦	✦	✦	✦	✦	
VNMG160408-CMA	✦	✦	✦	✦	✦	
VNMG160412-CMA	✦	✦	✦	✦	✦	
WNMG080404-CMA	✦	✦	✦	✦	✦	
WNMG080408-CMA	✦	✦	✦	✦	✦	
WNMG080412-CMA	✦	✦	✦	✦	✦	

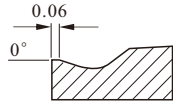
XM1 Turning Insert

一精及半精加工车削刀片

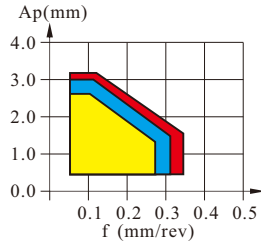
Semi-finishing



M级精度
M glass



G级精度
G glass



正角刀片 Positive turning

		PVD		CVD	加工参数 Vc parameters (mm/min)		
		CP8130	CP2430	CPA3130	CC2135	PVD CP2630	CVD CC1135G,1035G
工件材质	P 钢件加工 Steel	*	*	*	●	120-170-210	180-240-350
	P HRC40-60淬火钢加工 Steel		●			50-70-100	
	K 铸铁 Cast iron			*		120-170-210	200-250-400
	M 不锈钢 Stainless steel	*	*	*	●	60-120-180	
	S 耐热合金 Heat-resisting steel	*	*	*	●		
常用型号规格					断屑槽对应表		
G级磨制	CCGT060204, 08-XM1	*	*				
	CCGT09T304, 08-XM1	*	*				
	CCGT120404, 08, 12-XM1	*	*				
	DCGT070204, 08-XM1	*	*				
	DCGT11T304, 08-XM1	*	*				
	SCGT09T304, 08-XM1	*	*				
	SCGT120404, 08, 12-XM1	*	*				
	TCGT110204, 08-XM1	*	*				
	TCGT16T304, 08-XM1	*	*				
	VB(C,P)GT110304,08-XM1	*	*				
VB(C,P)GT160404,08-XM1	*	*					
M级磨制	CCMT060204, 08-XM1	*	*	*	●		
	CCMT09T304, 08-XM1	*	*	*	●		
	CCMT120404, 08, 12-XM1	*	*	*	●		
	DCMT070204, 08-XM1	*	*	*			
	DCMT11T304, 08-XM1	*	*	*	●		
	SCMT09T304, 08-XM1	*	*	*	●		
	SCMT120404, 08, 12-XM1	*	*	*	●		
	TCMT110204, 08-XM1	*	*	*			
	TCMT16T304, 08-XM1	*	*	*	●		
	VB(C)MT110304,08-XM1	*	*	*	●		
VB(C)MT160404,08-XM1	*	*	*	●			

Mitsubishi(三菱):-无代码
Kyocera(京瓷):-GK
Taegutec(特固克):-MT
Tungaloy(泰柯洛):-PM

TM Turning insert

一半精加工车削刀片

Semi-finishing

特点:

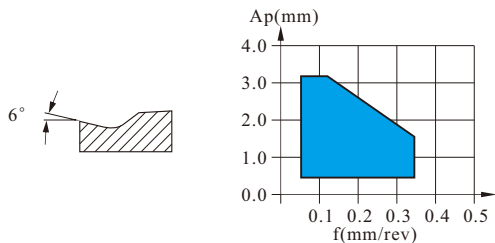
刃口较锋利，铁屑控制好，半精加工槽型；

被加工对象： 钢件加工。

Feature:

Sharp edge, well chip breaking, semi-finishing.

Application: Steel.



负角刀片 Negative turning

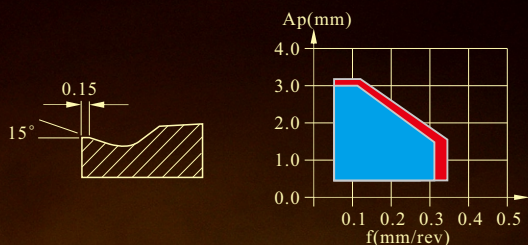
工件材质	加工材料	PVD		CVD		加工参数 parameters Vc (mm/min)	
		CP2430	CC1135	CC1235G	CC740G	PVD CP2430	CVD CC1135G,1035G
		✱	●	✱	✱	120-170-210	180-240-280
软钢及钢件加工 Steel	✱	●	✱	✱	120-170-210	180-240-280	
锻钢及铸钢加工 Steel	✱	●	✱	✱	80-150-180	180-220-250	
HRC40-60淬火钢加工 Steel	●				60-80-120		
铸铁 Cast iron				✱		180-250-400	
常用型号规格				断屑槽对应表			
CNMG120404-TM	✱	●	✱	✱	Mitsubishi: MA Kyocera: PG,PS Taegutec: MT Tungaloy: TM		
CNMG120408-TM	✱	●	✱	✱			
CNMG120412-TM	✱	●	✱	✱			
DNMG150404-TM	✱	●	✱	✱			
DNMG150408-TM	✱	●	✱	✱			
DNMG150604-TM	✱	●	✱	✱			
DNMG150608-TM	✱	●	✱	✱			
SNMG120404-TM	✱	●	✱	✱			
SNMG120408-TM	✱	●	✱	✱			
SNMG120412-TM	✱	●	✱	✱			
TNMG160404-TM	✱	●	✱	✱			
TNMG160408-TM	✱	●	✱	✱			
TNMG160412-TM	✱	●	✱	✱			
VNMG160404-TM	✱	●	✱	✱			
VNMG160408-TM	✱	●	✱	✱			
VNMG160412-TM	✱	●	✱	✱			
WNMG080404-TM	✱	●	✱	✱			
WNMG080408-TM	✱	●	✱	✱			
WNMG080412-TM	✱	●	✱	✱			

MR Turning insert

一半精加工车削刀片

Semi-finishing

自主研发专利槽型 Patented



特点:

刃口强壮, 铁屑控制好, 半精加工槽型;

被加工对象:

钢件及铸铁(球墨及镍基铸铁)加工。

Feature:

Strong blade, well chip breaking, semi-finishing.

Application:

Steel, Nodular cast iron and Nickel-based cast iron.

负角刀片

Negative turning

工件材质	CVD	CC1135	CC1235G	CC740G	CC3110	CC730	加工参数
							parameters
							Vc (mm/min)
P 软钢及钢件加工 Steel	●	✳					180-240-280
P 锻钢及铸钢加工 Steel		✳	✳				180-220-250
K 铸铁 Cast iron				●	✳		180-250-400
K 镍基铸铁 Ni-Cast iron			✳		✳		150-180-250
常用型号规格							断屑槽对应表
CNMG120404, 08, 12-MR	●	✳	✳	●	✳		Mitsubishi(三菱): MA Hyocera(京瓷): PS, -GC, 全周槽型 Taegutec(特固克): MG槽型 Sandvik(山特维克): P, -PR, -KM槽型 Tungaloy(东柯洛): TM, 全周槽型
CNMG160608, 12, 16-MR	●	✳	✳	●	✳		
CNMG190616, 24-MR	●	✳	✳	●	✳		
DNMG150404, 08-MR	●	✳	✳	●	✳		
DNMG150604, 08-MR	●	✳	✳	●	✳		
SNMG120404, 08, 12-MR	●	✳	✳	●	✳		
SNMG150608, 12, 16, 24-MR	●	✳	✳	●	✳		
TNMG160404, 08-MR	●	✳	✳	●	✳		
TNMG220408, 12-MR	●	✳	✳	●	✳		
VNMG160404, 08-MR	●	✳	✳	●	✳		
WNMG080404, 08, 12-MR	●	✳	✳	●	✳		

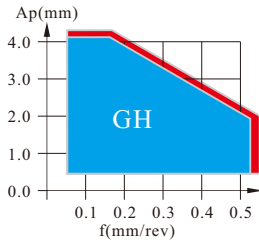
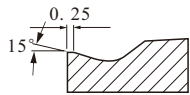
● : 首选; ● : 可选

● : 连续加工 ● : 不规则形状加工 ✳ : 断续加工

GH Turning insert

粗加工车削刀片

Rough machining



特点:

刃口强壮;

被加工对象:

铸铁及钢件粗加工首选。

Feature:

Strong blade.

Application:

Rough machining of cast iron and steel parts is preferred.

CVD			
CC1235G	CC740G	CC3110	CC730

工件材质	加工参数 parameters			
	Vc (mm/min)			
P 软钢及钢件加工 Steel	✱			180-240-280
P 锻钢及铸钢加工 Steel	✱	✱		180-220-250
K 铸铁 Cast iron		☼	●	180-250-400
常用型号规格				断屑槽对应表
CNMG1204 08-GH	✱	✱	●	✱
CNMG120412-GH	✱	✱	●	✱
CNMG160612-GH	✱		●	
CNMG160616-GH	✱		●	
CNMG190616-GH	✱		●	
CNMM190616-GH	✱		●	
DNMG150408-GH	✱	✱	●	✱
DNMG150608-GH	✱	✱	●	✱
TNMG160408-GH	✱	✱	●	✱
TNMG160412-GH	✱	✱	●	✱
SNMG120408-GH	✱	✱	●	✱
SNMG120412-GH	✱	✱	●	✱
SNMG120416-GH	✱	✱	●	✱
SNMG150612-GH	✱		●	
SNMG190612-GH	✱		●	
SNMG190616-GH	✱		●	
SNMG250724-GH	✱		●	
SNMM190616-GH	✱		●	
SNMM250924-GH	✱		●	
VNMG160408-GH	✱	✱	●	✱
VNMG160412-GH	✱	✱	●	✱
WNMG080408-GH	✱	✱	●	✱
WNMG080412-GH	✱	✱	●	✱

全周型

R/L-ZC Turning insert

粗加工车削刀片

Rough machining



特点:

刃口强壮;

被加工对象:

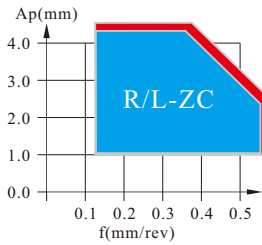
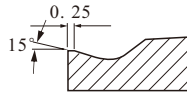
钢件粗加工。

Feature:

Strong blade.

Application:

Rough machining of steel.



		CVD			加工参数 parameters Vc (mm/min)
		CC1235G	CC740G	CT20	
工件 材质	P 软钢及钢件精加工 Steel	✳	✳	✳	180-240-280
	P 锻钢及铸钢加工 Steel	✳	✳	✳	180-220-250
	K 镍基铸铁 Nickel cast iron		✳		180-250-400
常用型号规格					断屑槽对应表
CNMG1204 04R/L-ZC		✳	✳	✳	
CNMG1204 08R/L-ZC		✳	✳	✳	
CNMG1204 12R/L-ZC		✳	✳	✳	
TNMG160404R/L-ZC		✳	✳	✳	
TNMG160408R/L-ZC		✳	✳	✳	
TNMG160412R/L-ZC		✳	✳	✳	
SNMG120408R/L-ZC		✳	✳	✳	
SNMG120412R/L-ZC		✳	✳	✳	
WNMG080408R/L-ZC		✳	✳	✳	
WNMG080412R/L-ZC		✳	✳	✳	

MT Cermet Turning insert

一半精加工金属陶瓷车削刀片

Finishing & Semi-finishing

特点:

刃口较锋利, 铁屑控制好, 精加工及半精加工槽型;

被加工对象:

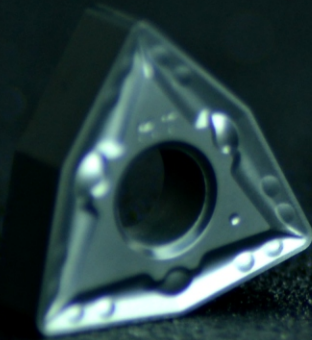
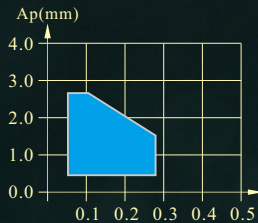
低碳合金钢连续加工最佳选择。

Feature:

Sharp edge, well chip breaking, finishing & semi-finishing.

Application:

Low-carbon steel continuous working.



负角刀片

Negative turning

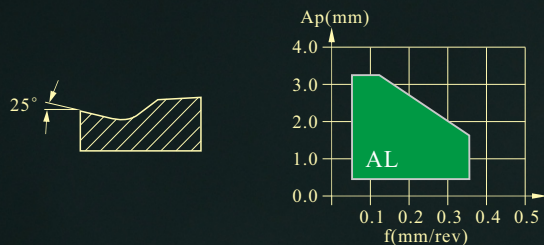
CTP20为金属陶瓷涂层

		金属陶瓷		f(mm/rev)
		CT20	CTP20	加工参数 parameters
工件材质	P 软钢及钢件精加工 Steel	☺	☺	Vc (mm/min) 120-180-250
	P 钢件精加工 Steel	☺	☺	150-200-280
常用型号规格				断屑槽对应表
CNMG120404, 08-MT		☺	☺	Taegutec: MT Tungaloy: TS
DNMG150404, 08-MT		☺	☺	
DNMG150604, 08-MT		☺	☺	
TNMG160404, 08-MT		☺	☺	
VNMG160404, 08-MT		☺	☺	
WNMG080404, 08-MT		☺	☺	
CCMT060204, 08-MT		☺	☺	
CCMT09T304, 08-MT		☺	☺	
DCMT070204, 08-MT		☺	☺	
DCMT11T304, 08-MT		☺	☺	
SCMT09T304, 08-MT		☺	☺	
TCMT110204, 08-MT		☺	☺	
VBMT110304, 08-MT		☺	☺	
VBMT160404, 08-MT		☺	☺	

AL Turning insert

一精加工及半精加工车削刀片

Finishing & Semi-finishing



特点:

刃口较锋利, 铁屑控制好, 精加工及半精加工槽型;

被加工对象:

铝合金加工最佳选择。

Feature:

Sharp edge, well chip breaking, finishing & semi-finishing.

Application:

Aluminium alloy working.

负角刀片 Negative turning

		硬质合金		加工参数 parameters
		CW20		Vc (mm/min)
工件 材 质	N 铝合金加工 Aluminium alloy	✦		250-300-400
	N 有色金属 Nonferrous metal	✦		150-200-280
常用型号规格				断屑槽对应表
CNMG120404, 08, 12-AL		✦		Kyocera: -AH Taegutec: -FL
DNMG150404, 08-AL		✦		
DNMG150604, 08-AL		✦		
TNMG160404, 08-AL		✦		
VNMG160404, 08-AL		✦		
WNMG080404, 08, 12-AL		✦		

● : 首选; ● : 可选 ● : 连续加工 ● : 不规则形状加工 ✦ : 断续加工

AL Turning insert

一精加工及半精加工车削刀片

Finishing & Semi-finishing

特点:

刃口较锋利, 铁屑控制好, 精加工及半精加工槽型;

被加工对象:

铝合金加工最佳选择。

Feature:

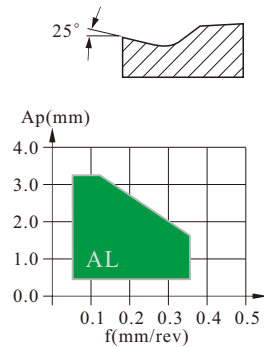
Sharp edge, well chip breaking, finishing & semi-finishing.

Application:

Auminium alloy working.

正角刀片
Positive turning

工件材质	加工参数 parameters	
	Vc (mm/min)	
N 铝合金加工 Auminium alloy	250-300-400	
N 有色金属 Nonferrous metal	150-200-280	
S 钛合金 Titianium alloy	40-60-80	
常用型号规格		断屑槽对应表
CCGT060202, 04, 08-AL	✘	✘
CCGT09T302, 04, 08-AL	✘	✘
CCGT120402, 04, 08, 12-AL	✘	✘
DCGT070202, 04, 08-AL	✘	✘
DCGT11T302, 04, 08-AL	✘	✘
SCGT09T302, 04, 08-AL	✘	✘
TCGT110202, 04, 08-AL	✘	✘
TCGT16T302, 04, 08-AL	✘	✘
VCGT110304,08-AL	✘	✘
VCGT160402, 04, 08, 12, 16, 20 -AL	✘	✘
VCGT220530 -AL	✘	✘

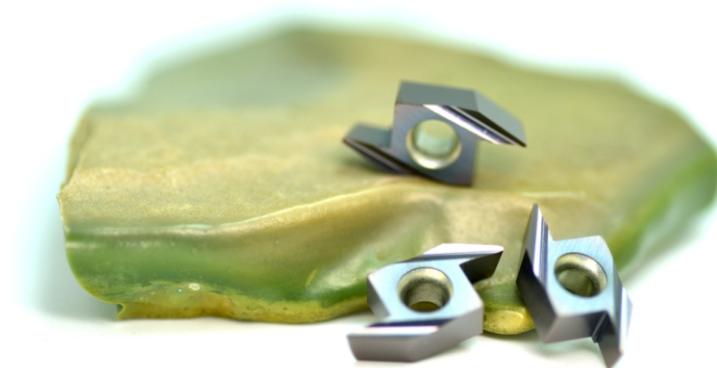
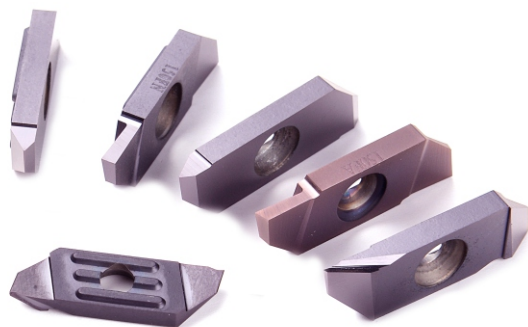
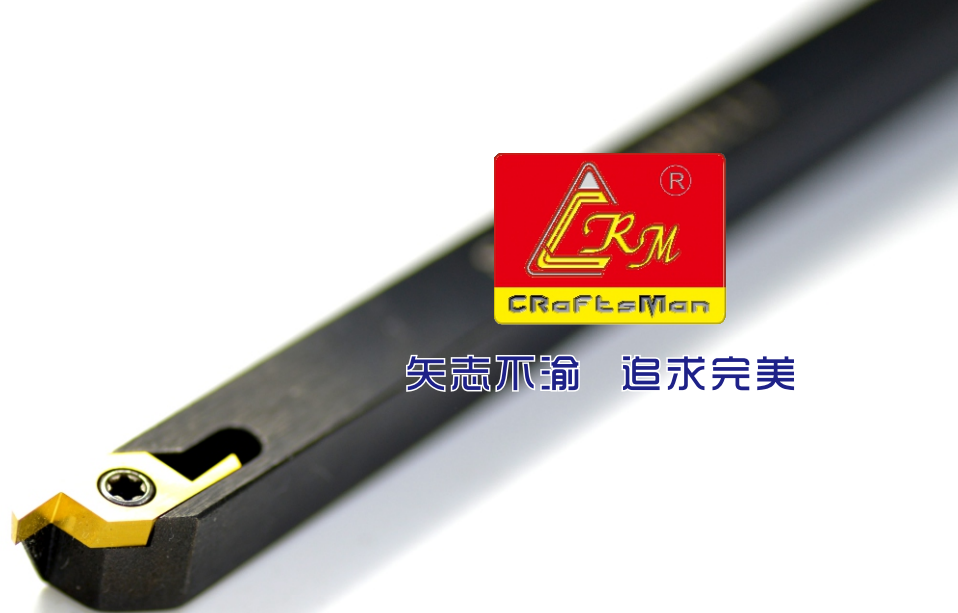


精密小零件加工刀具

Recision small parts processing



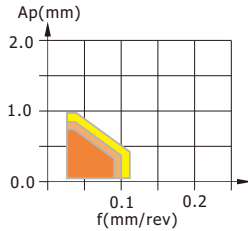
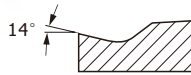
矢志不渝 追求完美



R/L-S Turning insert

—小零件加工车削刀片 超精加工

Small parts machining turning insert finishing



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

CT20(金属陶瓷): 碳钢连续加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy, Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

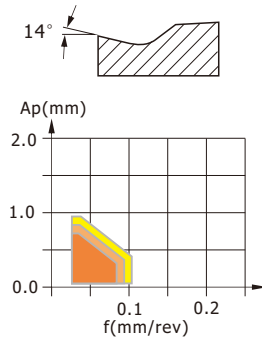
CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

正角刀片 Positive turning

工件材质	PVD				金属陶瓷	加工参数 parameters Vc (mm/min)
	CP2630	CP2130	CP2430F	CT20		
P 软钢及钢件精加工 Steel	●	●	✱	●		80-120-200
M 不锈钢 Stainless steel	●	●	✱			60-120-180
S 钛合金 Titanium alloy			✱			40-60-80
S 耐热合金 Heat-resisting steel			✱			40-60-80
N 有色金属 Nonferrous metal						200-300-400
常用型号规格						断屑槽对应表
CPGH040101 R/L -S	●	●	✱	●		NTK: -KHG; -K
CPGH040102 R/L -S	●	●	✱	●		
CPGH040104 R/L -S	●	●	✱	●		
CCGT0602005 R/L -S	●	●	✱	●		
CCGT060201 R/L -S	●	●	✱	●		
CCGT060202 R/L -S	●	●	✱	●		
CCGT060204 R/L -S	●	●	✱	●		
CCGT09T3005 R/L -S	●	●	✱	●		
CCGT09T301 R/L -S	●	●	✱	●		
CCGT09T302 R/L -S	●	●	✱	●		
CCGT09T304 R/L -S	●	●	✱	●		
DCGT0702005 R/L -S	●	●	✱	●		
DCGT070201 R/L -S	●	●	✱	●		
DCGT070202 R/L -S	●	●	✱	●		
DCGT070204 R/L -S	●	●	✱	●		
DCGT11T3005 R/L -S	●	●	✱	●		
DCGT11T301 R/L -S	●	●	✱	●		
DCGT11T302 R/L -S	●	●	✱	●		
DCGT11T304 R/L -S	●	●	✱	●		

R/L-S Turning insert
 一小零件加工车削刀片 超精加工
 Small parts machining turning insert Superfinishing



特点：
 刃口锋利，铁屑控制好，超精加工槽型；
 被加工对象：
 不锈钢，钛合金，高温合金，淬火钢，碳钢。
 CP2630: 通用加工材质；
 CP2130: 不锈钢加工；
 CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工；
 CT20(金属陶瓷): 碳钢连续加工。

Feature:
 Sharp edge, well chip breaking, covering both superfinishing .
 Application:
 Stainless steel, Titanium alloy, Heat resisting alloy,
 Hardened steel, Low-carbon steel.
 CP2630: General processing materials.
 CP2130: Stainless steel processing.
 CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel ;
 CT20: Continuous processing of carbon steel.

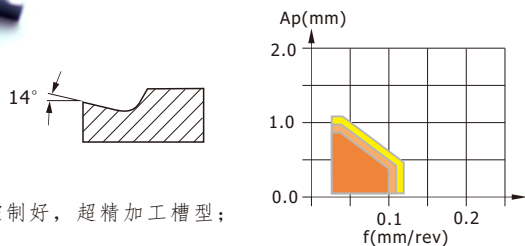
正角刀片
 Positive turning

		PVD			金属陶瓷	加工参数 parameters
		CP2630	CP2130	CP2430F	CT20	Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	●	●	✘	●	80-120-200
	M 不锈钢 Stainless steel	●	●	✘		60-120-180
	S 钛合金 Titanium alloy			✘		40-60-80
	S 耐热合金 Heat-resisting steel			✘		40-60-80
	N 有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表
	TPGT080201 R/L -S	●	●	✘	●	NTK: -KHG; -K
	TPGT080202 R/L -S	●	●	✘	●	
	TPGT080204 R/L -S	●	●	✘	●	
	TPGT090201 R/L -S	●	●	✘	●	
	TPGT090202 R/L -S	●	●	✘	●	
	TPGT090204 R/L -S	●	●	✘	●	
	TCGT110201 R/L -S	●	●	✘	●	
	TCGT110202 R/L -S	●	●	✘	●	
	TCGT110204 R/L -S	●	●	✘	●	
	TPGH110301 R/L -S	●	●	✘	●	
	TPGH110302 R/L -S	●	●	✘	●	
	TPGH110304 R/L -S	●	●	✘	●	
	VBGT1103005 R/L -S	●	●	✘	●	
	VBGT110301 R/L -S	●	●	✘	●	
	VBGT110302 R/L -S	●	●	✘	●	
	VBGT110304 R/L -S	●	●	✘	●	
	VCGT1103005 R/L -S	●	●	✘	●	
	VCGT110301 R/L -S	●	●	✘	●	
	VCGT110302 R/L -S	●	●	✘	●	
	VCGT110304 R/L -S	●	●	✘	●	
	TNGG1604005 R/L -S	●	●	✘	●	
	TNGG160401 R/L -S	●	●	✘	●	
	TNGG160402 R/L -S	●	●	✘	●	

R/L-Y Turning insert

—小零件加工车削刀片 精加工

Small parts machining turning insert finishing



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

CT20(金属陶瓷): 碳钢连续加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

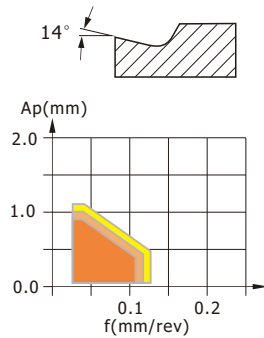
正角刀片 Positive turning

		PVD			金属陶瓷	加工参数 parameters
		CP2630	CP2130	CP2430F	CT20	Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	●	●	●	●	80-120-200
	M 不锈钢 Stainless steel	●	●	●		60-120-180
	S 钛合金 Titanium alloy			●		40-60-80
	S 耐热合金 Heat-resisting steel			●		40-60-80
	N 有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表
CPGH040101 R/L -Y		●	●	●	●	NTK: -S -AT
CPGH040102 R/L -Y		●	●	●	●	
CPGH040104 R/L -Y		●	●	●	●	
CCGT0602005 R/L -Y		●	●	●	●	
CCGT060201 R/L -Y		●	●	●	●	
CCGT060202 R/L -Y		●	●	●	●	
CCGT060204 R/L -Y		●	●	●	●	
CCGT09T3005 R/L -Y		●	●	●	●	
CCGT09T301 R/L -Y		●	●	●	●	
CCGT09T302 R/L -Y		●	●	●	●	
CCGT09T304 R/L -Y		●	●	●	●	
DCGT0702005 R/L -Y		●	●	●	●	
DCGT070201 R/L -Y		●	●	●	●	
DCGT070202 R/L -Y		●	●	●	●	
DCGT070204 R/L -Y		●	●	●	●	
DCGT11T3005 R/L -Y		●	●	●	●	
DCGT11T301 R/L -Y		●	●	●	●	
DCGT11T302 R/L -Y		●	●	●	●	
DCGT11T304 R/L -Y		●	●	●	●	

R/L-Y Turning insert

—小零件加工车削刀片 精加工

Small parts machining turning insert finishing



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

CT20(金属陶瓷): 碳钢连续加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

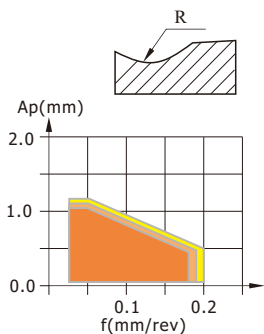
正角刀片 Positive turning

		PVD			金属陶瓷	加工参数 parameters Vc (mm/min)	
		CP2630	CP2130	CP2430F	CT20		
工件 材 质	P	软钢及钢件精加工 Steel	●	●	●	●	80-120-200
	M	不锈钢 Stainless steel	●	●	●		60-120-180
	S	钛合金 Titanium alloy			●		40-60-80
	S	耐热合金 Heat-resisting steel			●		40-60-80
	N	有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表	
TPGT080201 R/L -Y		●	●	●	●	NTK: -S -AT	
TPGT080202 R/L -Y		●	●	●	●		
TPGT080204 R/L -Y		●	●	●	●		
TPGT090201 R/L -Y		●	●	●	●		
TPGT090202 R/L -Y		●	●	●	●		
TPGT090204 R/L -Y		●	●	●	●		
TCGT110201 R/L -Y		●	●	●	●		
TCGT110202 R/L -Y		●	●	●	●		
TCGT110204 R/L -Y		●	●	●	●		
TPGH110301 R/L -Y		●	●	●	●		
TPGH110302 R/L -Y		●	●	●	●		
TPGH110304 R/L -Y		●	●	●	●		
VBGT1103005 R/L -Y		●	●	●	●		
VBGT110301 R/L -Y		●	●	●	●		
VBGT110302 R/L -Y		●	●	●	●		
VBGT110304 R/L -Y		●	●	●	●		
VCGT1103005 R/L -Y		●	●	●	●		
VCGT110301 R/L -Y		●	●	●	●		
VCGT110302 R/L -Y		●	●	●	●		
VCGT110304 R/L -Y		●	●	●	●		

R/L-U Turning insert

—小零件加工车削刀片 精加工

Small parts machining turning insert finishing



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

CT20(金属陶瓷): 碳钢连续加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

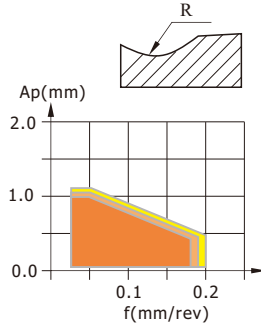
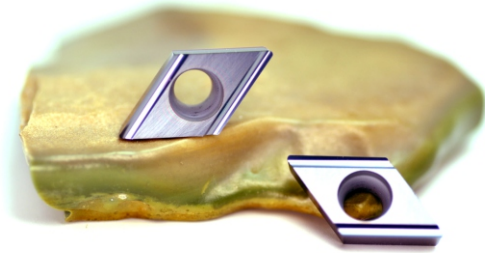
正角刀片 Positive turning

		PVD			金属陶瓷	加工参数 parameters Vc (mm/min)
		CP2630	CP2130	CP2430F	CT20	
工件 材 质	P 软钢及钢件精加工 Steel	●	●	●	●	80-120-200
	M 不锈钢 Stainless steel	●	●	●		60-120-180
	S 钛合金 Titanium alloy			●		40-60-80
	S 耐热合金 Heat-resisting steel			●		40-60-80
	N 有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表
CCGT0602005 R/L -U		●	●	●	●	NTK: -UHG -U,U1
CCGT060201 R/L -U		●	●	●	●	
CCGT060202 R/L -U		●	●	●	●	
CCGT060204 R/L -U		●	●	●	●	
CCGT09T3005 R/L -U		●	●	●	●	
CCGT09T301 R/L -U		●	●	●	●	
CCGT09T302 R/L -U		●	●	●	●	
CCGT09T304 R/L -U		●	●	●	●	
DCGT0702005 R/L -U		●	●	●	●	
DCGT070201 R/L -U		●	●	●	●	
DCGT070202 R/L -U		●	●	●	●	
DCGT070204 R/L -U		●	●	●	●	
DCGT11T3005 R/L -U		●	●	●	●	
DCGT11T301 R/L -U		●	●	●	●	
DCGT11T302 R/L -U		●	●	●	●	
DCGT11T304 R/L -U		●	●	●	●	

R/L-U Turning insert

—小零件加工车削刀片 精加工

Small parts machining turning insert finishing



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

CT20(金属陶瓷): 碳钢连续加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

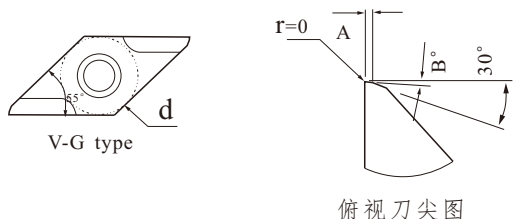
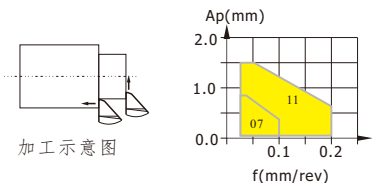
CT20: Continuous processing of carbon steel.

		PVD			金属陶瓷	加工参数 parameters Vc (mm/min)	
		CP2630	CP2130	CP2430F	CT20		
工件 材 质	P	软钢及钢件精加工 Steel	●	●	●	●	80-120-200
	M	不锈钢 Stainless steel	●	●	●		60-120-180
	S	钛合金 Titanium alloy			●		40-60-80
	S	耐热合金 Heat-resisting steel			●		40-60-80
	N	有色金属 Nonferrous metal					200-300-400
		常用型号规格					断屑槽对应表
		TPGT080201 R/L -U	●	●	●	●	NTK: -UHG -U,U1
		TPGT080202 R/L -U	●	●	●	●	
		TPGT080204 R/L -U	●	●	●	●	
		TPGT090201 R/L -U	●	●	●	●	
		TPGT090202 R/L -U	●	●	●	●	
		TPGT090204 R/L -U	●	●	●	●	
		TCGT110201 R/L -U	●	●	●	●	
		TCGT110202 R/L -U	●	●	●	●	
		TCGT110204 R/L -U	●	●	●	●	
		TPGH110301 R/L -U	●	●	●	●	
		TPGH110302 R/L -U	●	●	●	●	
		TPGH110304 R/L -U	●	●	●	●	
		VBGT1103005 R/L -U	●	●	●	●	
		VBGT110301 R/L -U	●	●	●	●	
		VBGT110302 R/L -U	●	●	●	●	
		VBGT110304 R/L -U	●	●	●	●	
		VCGT1103005 R/L -U	●	●	●	●	
		VCGT110301 R/L -U	●	●	●	●	
		VCGT110302 R/L -U	●	●	●	●	
		VCGT110304 R/L -U	●	●	●	●	
		TNGG160401 R/L -U	●	●	●	●	
		TNGG160402 R/L -U	●	●	●	●	
		TNGG160404 R/L -U	●	●	●	●	

DCVR/L-V Turning insert

—小零件加工车削刀片 外圆及端面加工

Turning insert Machining of outer circle and end face



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

Feature:

Sharp edge, well chip breaking, covering both superfinishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

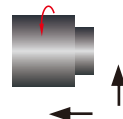
CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

		PVD			加工参数 parameters
		CP2630	CP2130	CP2430F	
工件 材质	P 软钢及钢件精加工 Steel	●	●	●	80-120-200
	M 不锈钢 Stainless steel	●	●	●	60-120-180
	S 钛合金 Titanium alloy			●	40-60-80
	S 耐热合金 Heat-resisting steel			●	40-60-80
	N 有色金属 Nonferrous metal				200-300-400
常用型号规格		刀尖 AXB°	d	断屑槽对应表	
DCV07 R/L V-G		0.3X7°	6.35	●	NTK: CSVF -VB -VB-A -VB-C -VB-M
DCV07 R/L VA-G		0.3X4°	6.35	●	
DCV07 R/L VC-G		0.15X7°	6.35	●	
DCV07 R/L VM-G		0.15X4°	6.35	●	
DCV11 R/L V-G		0.3X7°	9.53	●	
DCV11 R/L VA-G		0.3X4°	9.53	●	
DCV11 R/L VC-G		0.15X7°	9.53	●	
DCV11 R/L VM-G		0.15X4°	9.53	●	

注: 选配刀杆为SDJCR/LXXXX-07,-11

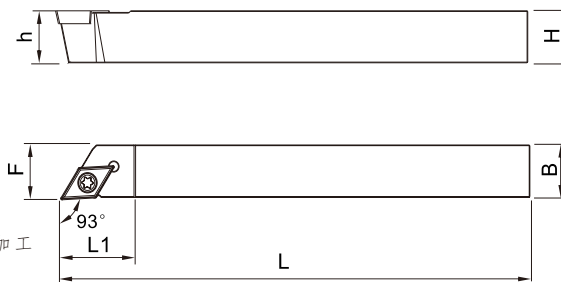
SDJCR / L-F 型

(走心机外圆及端面加工)



特点:

1. 用途: 外圆及端面加工
2. 使用率: ★★★★★
3. 经济性: ★★★
4. ISO通用刀片

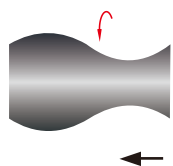


本图例为右手刀 (R) RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm						螺钉	扳手	刀片 型号
正刀	反刀	H h	B	L	L1	F				
SDJCR	0808K07F	0808K07F	8	8	125	16	8.5	MS2560	T8	DC..0702..
	1010K07F	1010K07F	10	10	125	16	10.5			
	1212M11F	1212M11F	12	12	150	22	12.5	MS4080	T15	DC..11T3..
	1616M11F	1616M11F	16	16	150	22	16.5			

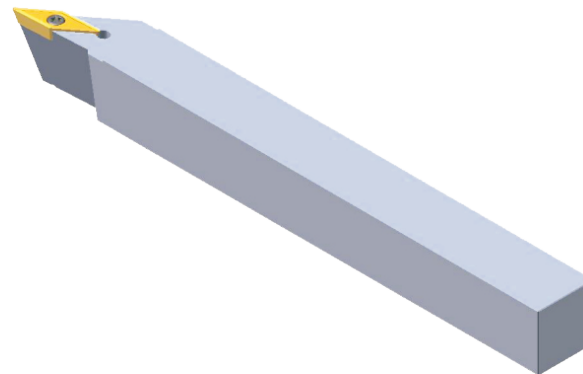
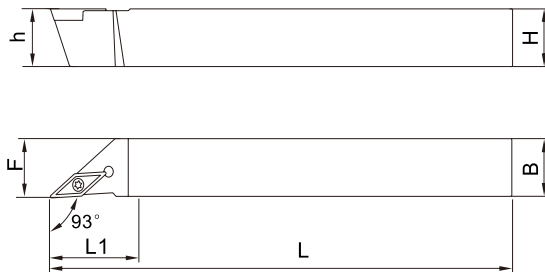
SVJB(C)R/ L-F 型刀杆

(走心机外圆及仿形加工)



特点:

- 1. 用途: 外圆及仿形加工
- 2. 使用率: ★★★★★
- 3. 经济性: ★★★
- 4. ISO通用刀片



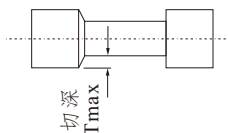
本图例为右手刀 (R) RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm						螺钉	扳手	刀片 型号	
正刀	反刀	H h	B	L	L1	F					
SVJCR	1010K11F	SVJCL	1010K11F	10	10	125	20	10.5	MS2560	T8	VC..1103..
		1212K11F		1212K11F	12	12	125	20			
SVJBR	1616M16F	SVJBL	1616M16F	16	16	150	20	16.5	MS4080	T15	VB..1604..
			2020M16F	20	20	150	30	20.5			

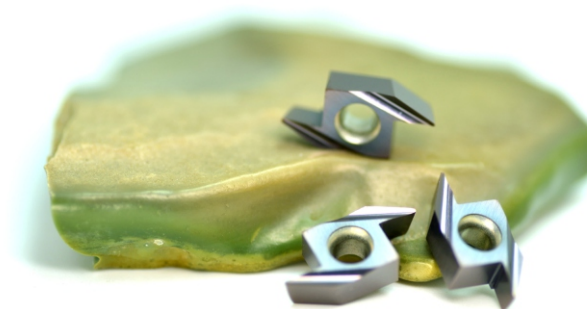
ABS Turning insert

—微小零件后阶段加工

Turning insert Machining of post stage processing



加工示意图



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP9030: 钛合金, 不锈钢, 高温合金及钢件加工;

CW20: 有色金属加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing .

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP9030: Titanium alloy, Stainless steel, Heat resisting alloy, steel ;

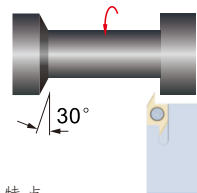
CW20: Processing of nonferrous metal.

		PVD				加工参数 parameters Vc (mm/min)	
		CP2630	CP2130	CP9030	CW20		
工件 材 质	P 软钢及钢件精加工 Steel	●	●	●		80-120-200	
	M 不锈钢 Stainless steel	●	●	●		60-120-180	
	S 钛合金 Titanium alloy			●		40-60-80	
	S 耐热合金 Heat-resisting steel			●		40-60-80	
	N 有色金属 Nonferrous metal				✱	200-300-400	
常用型号规格		切深X切宽 TXB	R			断屑槽对应表	
ABS15R4005		4X2.8	0.05	●	●	●	✱
ABS15R4015		4X2.8	0.15	●	●	●	✱
ABW15R4005		4X4.7	0.05	●	●	●	✱
ABW15R4015		4X4.7	0.15	●	●	●	✱

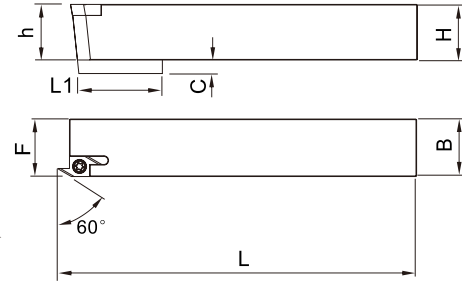
注: 选配刀杆为SABSRXXXXJX-40F

SABSR/L 型刀杆

后扫加工(后阶段加工)



- 特点:
- 1.用途: 直插后阶段加工
 - 2.使用率: ★★★★★
 - 3.经济性: ★★★★★
 - 4.最大切深4.0mm, 同京瓷的同款:



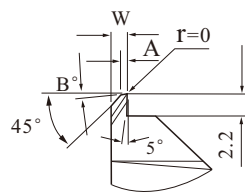
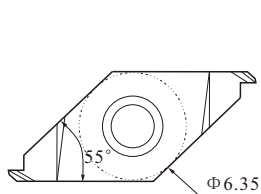
本图例为右手刀 (R) RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm							螺钉 	扳手 	刀片 型号
 正刀	 反刀	H	B	L	L1	F	C				
0808K-40F	0808K-40F	8	8	125	29	10	2	MS3080	T10	ABS15R/L..	
1010K-40F	1010K-40F	10	10	125	29	10	-				
SABSR 1212K-40F	SABSL 1212K-40F	12	12	125	29	10	-				
1616M-40F	1616M-40F	16	16	150	29	10	-				
2020K-40F	2020K-40F	20	20	150	29	10	-				

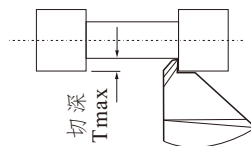
DCBR/L-XXV Turning insert

—微小零件加工车削刀片 后阶段加工

Turning insert Machining of Post stage processing



俯视刀尖图



加工示意图

特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

Feature:

Sharp edge, well chip breaking, covering both superfinishing .

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel ;

正角刀片 Positive turning

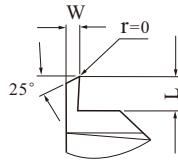
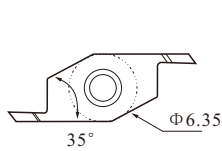
		PVD			加工参数 parameters
		CP2630	CP2130	CP2430F	
工件 材 质	P 软钢及钢件精加工 Steel	●	●	●	V _c (mm/min)
	M 不锈钢 Stainless steel	●	●	●	80-120-200
	S 钛合金 Titanium alloy			●	60-120-180
	S 耐热合金 Heat-resisting steel			●	40-60-80
	N 有色金属 Nonferrous metal				40-60-80
常用型号规格		W	刀尖 AXB°	Tmax	断屑槽对应表
DCB07 R/L 100 V		1.0	0.3X8°	2.0	NTK: CSVB -VB -VB-A -VB-C -VB-M
DCB07 R/L 100 V-A		1.0	0.3X5°	2.0	
DCB07 R/L 100 V-C		1.0	0.15X8°	2.0	
DCB07 R/L 100 V-M		1.0	0.15X5°	2.0	
DCB07 R/L 120 V		1.2	0.3X8°	2.0	
DCB07 R/L 150 V		1.5	0.3X8°	2.0	

注: 选配刀杆为SDJCR/LXXXX-07

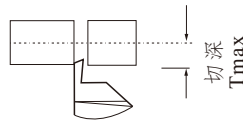
VAC R/L-VXX Turning insert

—微小零件切断加工

Turning insert of Cut off processing



DCC切断俯视刀尖图
Cut off



Cut off
加工示意图
Processing diagram

特点:

刃口锋利，铁屑控制好，超精加工槽型；

被加工对象:

不锈钢，钛合金，高温合金，淬火钢，碳钢。

CP2630: 通用加工材质；

CP2130: 不锈钢加工；

CP2430F: 钛合金，不锈钢，高温合金及钢件加工；

CT20(金属陶瓷): 碳钢连续加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP2430F: Titanium alloy, Stainless steel, Heat resisting alloy, steel ;

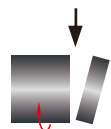
CT20: Continuous processing of carbon steel.

		PVD				合金	加工参数 parameters Vc (mm/min)
		CP2630	CP2130	CP2430F	CW20		
工件 材 质	P 软钢及钢件精加工 Steel	●	●	●		80-120-200	
	M 不锈钢 Stainless steel	●	●	●		60-120-180	
	S 钛合金 Titanium alloy			●		40-60-80	
	S 耐热合金 Heat-resisting steel			●		40-60-80	
	N 有色金属 Nonferrous metal				✳	200-300-400	
常用型号规格		W	Tmax			断屑槽对应表	
VAC11 R/L V05		0.5	2.5	●	●	●	NTK: CSV-
VAC11 R/L V06		0.6	3.0	●	●	●	
VAC11 R/L V07		0.7	3.5	●	●	●	
VAC11 R/L V08		0.8	4.0	●	●	●	
VAC11 R/L V10		1.0	5.0	●	●	●	
VAC11 R/L V12		1.2	6.0	●	●	●	

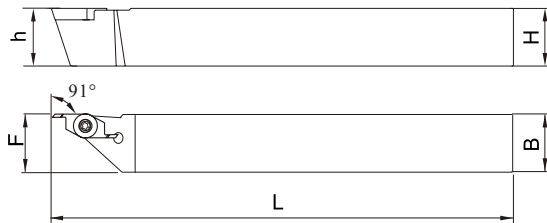
注：选配刀杆为SVEAR/LXXXX-11

SVEAR/ L-F 型刀杆

(走心机及自动车床切断加工)



小零件切断

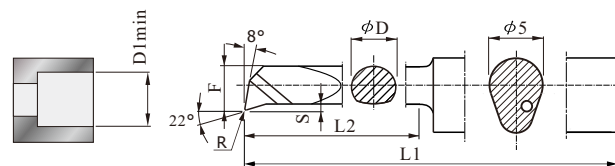


本图例为左手刀(R)RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm				螺钉	扳手	刀片型号		
正刀	反刀	H h	B	L	F					
SVEAR	070711F	SVEAL	70711F	7	7	100	7.2	MS2560	T8	VAC11 R/L
	080811F		080811F	8	8	100	8.2			
SVEAR	1010K11F	SVEAL	1010K11F	10	10	125	10.2			
	1212K11F		1212K11F	12	12	125	12.2			

CBAR/L

8° 整体合金极小径镗刀



CBAR

特点:

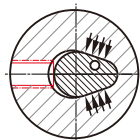
- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
- Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

工件材质	P	钢 Steel	✱	✱	✱	
	P	高硬度钢 HRC35-60 Steel		●	●	
	M	不锈钢 Stainless steel	✱	✱	✱	
	S	钛合金和可伐合金 Titanium alloy		✱	✱	
	N	有色金属 Nonferrous metal				✱
	S	耐热合金 Heat-resisting steel		✱	✱	

本图例为右手刀(R)RIGHT HAND SHOWN

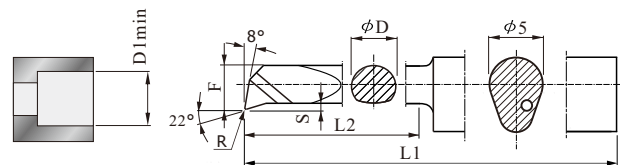
型号 MODEL NO.		尺寸 mm								PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
100040R005	100040R005	0.9	0.7	0.3	4	25	0.05	1	4	●	●	●	●	
100060R005	100060R005	0.9	0.7	0.3	6	25	0.05	1	6	●	●	●	●	
100040R010	100040R010	0.9	0.7	0.3	4	25	0.10	1	4	●	●	●	●	
100060R010	100060R010	0.9	0.7	0.3	6	25	0.10	1	6	●	●	●	●	
150060R005	150060R005	1.4	1.2	0.3	6	25	0.05	1.5	6	●	●	●	●	
150090R005	150090R005	1.4	1.2	0.3	9	25	0.05	1.5	9	●	●	●	●	
150060R010	150060R010	1.4	1.2	0.3	6	25	0.10	1.5	6	●	●	●	●	
150090R010	150090R010	1.4	1.2	0.3	9	25	0.10	1.5	9	●	●	●	●	
200060R005	200060R005	1.9	1.7	0.3	6	25	0.05	2	6	●	●	●	●	
200090R005	200090R005	1.9	1.7	0.3	9	25	0.05	2	9	●	●	●	●	
200120R005	200120R005	1.9	1.7	0.3	12	30	0.05	2	12	●	●	●	●	
200060R010	200060R010	1.9	1.7	0.3	6	25	0.10	2	6	●	●	●	●	
200090R010	200090R010	1.9	1.7	0.3	9	25	0.10	2	9	●	●	●	●	
200120R010	200120R010	1.9	1.7	0.3	12	30	0.10	2	12	●	●	●	●	

夹持力强
刚性好
Strong clamping force
Good rigidity



CBAR/L

8° 整体合金极小径镗刀



CBAR

特点:

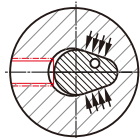
- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
- Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

工件材质	P	钢 Steel	✱	✱	✱	
	P	高硬度钢 HRC35-60 Steel		●	●	
	M	不锈钢 Stainless steel	✱	✱	✱	
	S	钛合金和可伐合金 Titanium alloy		✱	✱	
	N	有色金属 Nonferrous metal				✱
	S	耐热合金 Heat-resisting steel		✱	✱	

本图例为右手刀(R)RIGHT HAND SHOWN

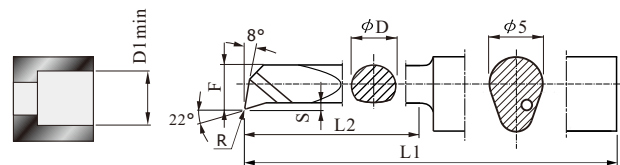
型号 MODEL NO.		尺寸 mm								PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
250090R005	250090R005	2.3	2.1	0.3	9	25	0.05	2.5	9	●	●	●	●	
250120R005	250120R005	2.3	2.1	0.3	12	30	0.05	2.5	12	●	●	●	●	
250150R005	250150R005	2.3	2.1	0.3	15	35	0.05	2.5	15	●	●	●	●	
250090R010	250090R010	2.3	2.1	0.3	9	25	0.10	2.5	9	●	●	●	●	
250120R010	250120R010	2.3	2.1	0.3	12	30	0.10	2.5	12	●	●	●	●	
250150R010	250150R010	2.3	2.1	0.3	15	35	0.10	2.5	15	●	●	●	●	
300100R005	300100R005	2.7	2.4	0.4	10	25	0.05	3	10	●	●	●	●	
300150R005	300150R005	2.7	2.4	0.4	15	30	0.05	3	15	●	●	●	●	
300180R005	300180R005	2.7	2.4	0.4	18	35	0.05	3	18	●	●	●	●	
300100R010	300100R010	2.7	2.4	0.4	10	25	0.10	3	10	●	●	●	●	
300150R010	300150R010	2.7	2.4	0.4	15	30	0.10	3	15	●	●	●	●	
300180R010	300180R010	2.7	2.4	0.4	18	35	0.10	3	18	●	●	●	●	
300100R020	300100R020	2.7	2.4	0.4	10	25	0.20	3	10	●	●	●	●	
300150R020	300150R020	2.7	2.4	0.4	15	30	0.20	3	15	●	●	●	●	
300180R020	300180R020	2.7	2.4	0.4	18	35	0.20	3	18	●	●	●	●	

夹持力强
刚性好
Strong clamping force
Good rigidity



CBAR/L

8° 整体合金极小径镗刀



CBAR

特点:

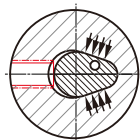
- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
- Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

工件材质	P	钢 Steel	✱	✱	✱	
	P	高硬度钢 HRC35-60 Steel		●	●	
	M	不锈钢 Stainless steel	✱	✱	✱	
	S	钛合金和可伐合金 Titanium alloy		✱	✱	
	N	有色金属 Nonferrous metal				✱
	S	耐热合金 Heat-resisting steel		✱	✱	

本图例为右手刀(R)RIGHT HAND SHOWN

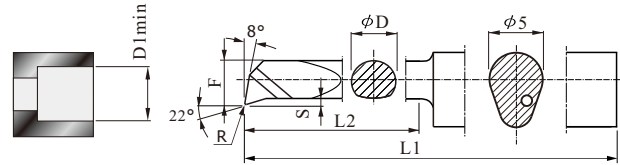
型号 MODEL NO.		尺寸 mm								PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
350100R005	350100R005	3.2	2.7	0.6	10	25	0.05	3.5	10	●	●	●	●	
350150R005	350150R005	3.2	2.7	0.6	15	30	0.05	3.5	15	●	●	●	●	
350180R005	350180R005	3.2	2.7	0.6	18	35	0.05	3.5	18	●	●	●	●	
350100R010	350100R010	3.2	2.7	0.6	10	25	0.10	3.5	10	●	●	●	●	
350150R010	350150R010	3.2	2.7	0.6	15	30	0.10	3.5	15	●	●	●	●	
350180R010	350180R010	3.2	2.7	0.6	18	35	0.10	3.5	18	●	●	●	●	
400150R005	400120R005	3.7	3.0	0.8	12	30	0.05	4	12	●	●	●	●	
400170R005	400170R005	3.7	3.0	0.8	17	35	0.05	4	17	●	●	●	●	
400200R005	400200R005	3.7	3.0	0.8	20	35	0.05	4	20	●	●	●	●	
400120R010	400120R010	3.7	3.0	0.8	12	30	0.10	4	12	●	●	●	●	
400170R010	400170R010	3.7	3.0	0.8	17	35	0.10	4	17	●	●	●	●	
400200R010	400200R010	3.7	3.0	0.8	20	35	0.10	4	20	●	●	●	●	
400120R020	400120R020	3.7	3.0	0.8	12	30	0.20	4	12	●	●	●	●	
400170R020	400170R020	3.7	3.0	0.8	17	35	0.20	4	17	●	●	●	●	
400200R020	400200R020	3.7	3.0	0.8	20	35	0.20	4	20	●	●	●	●	

夹持力强
刚性好
Strong clamping force
Good rigidity



CBAR/L

8° 整体合金极小径镗刀



CBAR

特点:

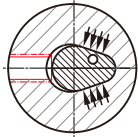
- 1. 非常好的夹持力，刚性强;
- 2. 带内冷,加工性能优异;
- 3. 刃口锋利,切削阻力小。
- 1. Strong clamping force Good rigidity.
- 2. With internal cooling,
- 3. Excellent Processing Performance;
- 3. Sharp edge, Small cutting resistance.

工件材料	P 钢 Steel	✱	✱	✱	
	P 高硬度钢 HRC35-60 Steel		●	●	
	M 不锈钢 Stainless steel	✱	✱	✱	
	S 钛合金和可伐合金 Titanium alloy		✱	✱	
	N 有色金属 Nonferrous metal				✱
	S 耐热合金 Heat-resisting steel		✱	✱	

本图例为右手刀(R)RIGHT HAND SHOWN

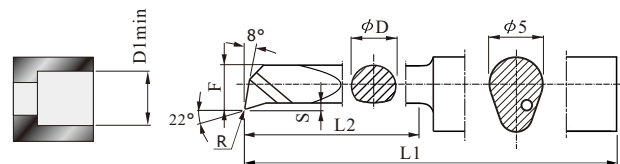
型号 MODEL NO.		尺寸 mm									PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20		
500150R005	500150R005	4.7	4.2	0.8	15	30	0.05	5	15	●	●	●	●		
500200R005	500200R005	4.7	4.2	0.8	20	35	0.05	5	20	●	●	●	●		
500250R005	500250R005	4.7	4.2	0.8	25	40	0.05	5	25	●	●	●	●		
500300R005	500300R005	4.7	4.2	0.8	30	45	0.05	5	30	●	●	●	●		
500150R010	500150R010	4.7	4.2	0.8	15	30	0.10	5	15	●	●	●	●		
500200R010	500200R010	4.7	4.2	0.8	20	35	0.10	5	20	●	●	●	●		
500250R010	500250R010	4.7	4.2	0.8	25	40	0.10	5	25	●	●	●	●		
500300R010	500300R010	4.7	4.2	0.8	30	45	0.10	5	30	●	●	●	●		
500150R020	500150R020	4.7	4.2	0.8	15	30	0.20	5	15	●	●	●	●		
500200R020	500200R020	4.7	4.2	0.8	20	35	0.20	5	20	●	●	●	●		
500250R020	500250R020	4.7	4.2	0.8	25	40	0.20	5	25	●	●	●	●		
500300R020	500300R020	4.7	4.2	0.8	30	45	0.20	5	30	●	●	●	●		

夹持力强
刚性好
Strong clamping force
Good rigidity



CBAR/L

8° 整体合金极小径镗刀



CBAR

特点:

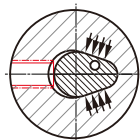
- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
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3. Sharp edge, Small cutting resistance.

工件材料	P 钢 Steel	✱	✱	✱	
	P 高硬度钢 HRC35-60 Steel		●	●	
	M 不锈钢 Stainless steel	✱	✱	✱	
	S 钛合金和可伐合金 Titanium alloy		✱	✱	
	N 有色金属 Nonferrous metal				✱
S 耐热合金 Heat-resisting steel		✱	✱		

本图例为右手刀(R)RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm									PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20		
600150R005	600150R005	5.7	5	1	15	30	0.05	6	15	●	●	●	●		
600200R005	600200R005	5.7	5	1	20	35	0.05	6	20	●	●	●	●		
600250R005	600250R005	5.7	5	1	25	40	0.05	6	25	●	●	●	●		
600300R005	600300R005	5.7	5	1	30	45	0.05	6	30	●	●	●	●		
600150R010	600150R010	5.7	5	1	15	30	0.10	6	15	●	●	●	●		
600200R010	600200R010	5.7	5	1	20	35	0.10	6	20	●	●	●	●		
600250R010	600250R010	5.7	5	1	25	40	0.10	6	25	●	●	●	●		
600300R010	600300R010	5.7	5	1	30	45	0.10	6	30	●	●	●	●		
600150R020	600150R020	5.7	5	1	15	30	0.20	6	15	●	●	●	●		
600200R020	600200R020	5.7	5	1	20	35	0.20	6	20	●	●	●	●		
600250R020	600250R020	5.7	5	1	25	40	0.20	6	25	●	●	●	●		
600300R020	600300R020	5.7	5	1	30	45	0.20	6	30	●	●	●	●		

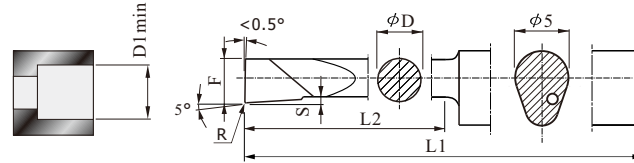
夹持力强
刚性好
Strong clamping force
Good rigidity



CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

特点:

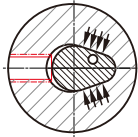
- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
- Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

本图例为右手刀(R)RIGHT HAND SHOWN

工 件 材 质	P	钢 Steel	✱	✱	✱	
	P	高硬度钢 HRC35-60 Steel		●	●	
	M	不锈钢 Stainless steel	✱	✱	✱	
	S	钛合金和可伐合金 Titanium alloy		✱	✱	
	N	有色金属 Nonferrous metal				✱
	S	耐热合金 Heat-resisting steel		✱	✱	

型号 MODEL NO.		尺寸 mm								PVD涂层				合金
正刀	反刀	F	ϕD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
100040R003	100040R003	0.9	0.75	0.15	4	25	0.03	1	4	●	●	●	●	
100060R003	100060R003	0.9	0.75	0.15	6	25	0.03	1	6	●	●	●	●	
100040R010	100040R010	0.9	0.75	0.15	4	25	0.10	1	4	●	●	●	●	
100060R010	100060R010	0.9	0.75	0.15	6	25	0.10	1	6	●	●	●	●	
150060R003	150060R003	1.4	1.2	0.2	6	25	0.03	1.5	6	●	●	●	●	
150090R003	150090R003	1.4	1.2	0.2	9	25	0.03	1.5	9	●	●	●	●	
150060R010	150060R010	1.4	1.2	0.2	6	25	0.10	1.5	6	●	●	●	●	
150090R010	150090R010	1.4	1.2	0.2	9	25	0.10	1.5	9	●	●	●	●	
200060R003	200060R003	1.9	1.7	0.2	6	25	0.03	2	6	●	●	●	●	
200090R003	200090R003	1.9	1.7	0.2	9	25	0.03	2	9	●	●	●	●	
200120R003	200120R003	1.9	1.7	0.2	12	30	0.03	2	12	●	●	●	●	
200060R010	200060R010	1.9	1.7	0.2	6	25	0.10	2	6	●	●	●	●	
200090R010	200090R010	1.9	1.7	0.2	9	25	0.10	2	9	●	●	●	●	
200120R010	200120R010	1.9	1.7	0.2	12	30	0.10	2	12	●	●	●	●	

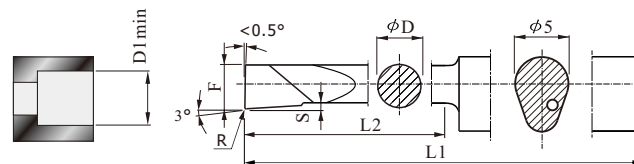
夹持力强
刚性好
Strong clamping force
Good rigidity



CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

特点:

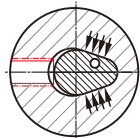
- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
- Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

本图例为右手刀(R)RIGHT HAND SHOWN

工 件 材 质	P	钢 Steel	✱	✱	✱	
	P	高硬度钢 HRC35-60 Steel		●	●	
	M	不锈钢 Stainless steel	✱	✱	✱	
	S	钛合金和可伐合金 Titanium alloy		✱	✱	
	N	有色金属 Nonferrous metal				✱
	S	耐热合金 Heat-resisting steel		✱	✱	

型号 MODEL NO.		尺寸 mm								PVD涂层				合金
正刀	反刀	F	ϕD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
250090R005	250090R005	2.3	2.1	0.2	9	25	0.05	2.5	9	●	●	●	●	
250120R005	250120R005	2.3	2.1	0.2	12	30	0.05	2.5	12	●	●	●	●	
250150R005	250150R005	2.3	2.1	0.2	15	35	0.05	2.5	15	●	●	●	●	
250090R010	250090R010	2.3	2.1	0.2	9	25	0.10	2.5	9	●	●	●	●	
250120R010	250120R010	2.3	2.1	0.2	12	30	0.10	2.5	12	●	●	●	●	
250150R010	250150R010	2.3	2.1	0.2	15	35	0.10	2.5	15	●	●	●	●	
300100R005	300100R005	2.7	2.4	0.3	10	25	0.05	3	10	●	●	●	●	
300150R005	300150R005	2.7	2.4	0.3	15	30	0.05	3	15	●	●	●	●	
300180R005	300180R005	2.7	2.4	0.3	18	35	0.05	3	18	●	●	●	●	
300100R010	300100R010	2.7	2.4	0.3	10	25	0.10	3	10	●	●	●	●	
300150R010	300150R010	2.7	2.4	0.3	15	30	0.10	3	15	●	●	●	●	
300180R010	300180R010	2.7	2.4	0.3	18	35	0.10	3	18	●	●	●	●	
300100R020	300100R020	2.7	2.4	0.3	10	25	0.20	3	10	●	●	●	●	
300150R020	300150R020	2.7	2.4	0.3	15	30	0.20	3	15	●	●	●	●	
300180R020	300180R020	2.7	2.4	0.3	18	35	0.20	3	18	●	●	●	●	

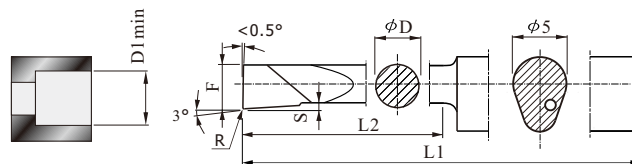
夹持力强
刚性好
Strong clamping force
Good rigidity



CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

特点:

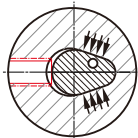
- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
- Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

本图例为右手刀(R)RIGHT HAND SHOWN

工 件 材 质	P	钢 Steel	✱	✱	✱	
	P	高硬度钢 HRC35-60 Steel		●	●	
	M	不锈钢 Stainless steel	✱	✱	✱	
	S	钛合金和可伐合金 Titanium alloy		✱	✱	
	N	有色金属 Nonferrous metal				✱
	S	耐热合金 Heat-resisting steel		✱	✱	

型号 MODEL NO.		尺寸 mm								PVD涂层				合金
正刀	反刀	F	ϕD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
350100R005	350100R005	3.2	2.8	0.4	10	25	0.05	3.5	10	●	●	●	●	
350150R005	350150R005	3.2	2.8	0.4	15	30	0.05	3.5	15	●	●	●	●	
350180R005	350180R005	3.2	2.8	0.4	18	35	0.05	3.5	18	●	●	●	●	
350100R010	350100R010	3.2	2.8	0.4	10	25	0.10	3.5	10	●	●	●	●	
350150R010	350150R010	3.2	2.8	0.4	15	30	0.10	3.5	15	●	●	●	●	
350180R010	350180R010	3.2	2.8	0.4	18	35	0.10	3.5	18	●	●	●	●	
CBBR 400150R005	CBBL 400120R005	3.7	3.2	0.5	12	30	0.05	4	12	●	●	●	●	
400170R005	400170R005	3.7	3.2	0.5	17	35	0.05	4	17	●	●	●	●	
400200R005	400200R005	3.7	3.2	0.5	20	35	0.05	4	20	●	●	●	●	
400120R010	400120R010	3.7	3.2	0.5	12	30	0.10	4	12	●	●	●	●	
400170R010	400170R010	3.7	3.2	0.5	17	35	0.10	4	17	●	●	●	●	
400200R010	400200R010	3.7	3.2	0.5	20	35	0.10	4	20	●	●	●	●	
400120R020	400120R020	3.7	3.2	0.5	12	30	0.20	4	12	●	●	●	●	
400170R020	400170R020	3.7	3.2	0.5	17	35	0.20	4	17	●	●	●	●	
400200R020	400200R020	3.7	3.2	0.5	20	35	0.20	4	20	●	●	●	●	

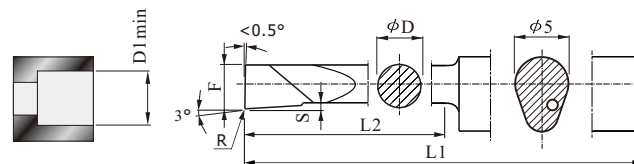
夹持力强
刚性好
Strong clamping force
Good rigidity



CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

特点:

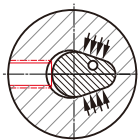
- 1. 非常好的夹持力, 刚性强;
- 2. 带内冷, 加工性能优异;
- 3. 刃口锋利, 切削阻力小。
- 1. Strong clamping force Good rigidity.
- 2. With internal cooling,
- Excellent Processing Performance;
- 3. Sharp edge, Small cutting resistance.

工件材质	P 钢 Steel	✱	✱	✱	
	P 高硬度钢 HRC35-60 Steel		●	●	
	M 不锈钢 Stainless steel	✱	✱	✱	
	S 钛合金和可伐合金 Titanium alloy		✱	✱	
	N 有色金属 Nonferrous metal				✱
S 耐热合金 Heat-resisting steel		✱	✱		

本图例为右手刀(R)RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm									PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20		
500150R005	500150R005	4.7	4.2	0.5	15	30	0.05	5	15	●	●	●	●		
500200R005	500200R005	4.7	4.2	0.5	20	35	0.05	5	20	●	●	●	●		
500250R005	500250R005	4.7	4.2	0.5	25	40	0.05	5	25	●	●	●	●		
500300R005	500300R005	4.7	4.2	0.5	30	45	0.05	5	30	●	●	●	●		
500150R010	500150R010	4.7	4.2	0.5	15	30	0.10	5	15	●	●	●	●		
500200R010	500200R010	4.7	4.2	0.5	20	35	0.10	5	20	●	●	●	●		
500250R010	500250R010	4.7	4.2	0.5	25	40	0.10	5	25	●	●	●	●		
500300R010	500300R010	4.7	4.2	0.5	30	45	0.10	5	30	●	●	●	●		
500150R020	500150R020	4.7	4.2	0.5	15	30	0.20	5	15	●	●	●	●		
500200R020	500200R020	4.7	4.2	0.5	20	35	0.20	5	20	●	●	●	●		
500250R020	500250R020	4.7	4.2	0.5	25	40	0.20	5	25	●	●	●	●		
500300R020	500300R020	4.7	4.2	0.5	30	45	0.20	5	30	●	●	●	●		

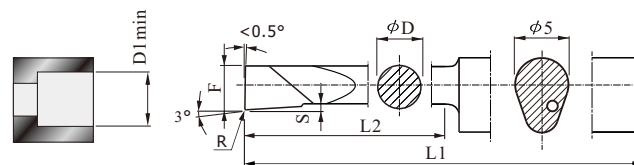
夹持力强
刚性好
Strong clamping force
Good rigidity



CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

特点:

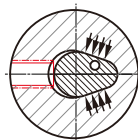
- 1. 非常好的夹持力, 刚性强;
- 2. 带内冷, 加工性能优异;
- 3. 刃口锋利, 切削阻力小。
- 1. Strong clamping force Good rigidity.
- 2. With internal cooling,
- Excellent Processing Performance;
- 3. Sharp edge, Small cutting resistance.

工 件 材 质	P 钢 Steel	✱	✱	✱	
	P 高硬度钢 HRC35-60 Steel		●	●	
	M 不锈钢 Stainless steel	✱	✱	✱	
	S 钛合金和可伐合金 Titanium alloy		✱	✱	
	N 有色金属 Nonferrous metal				✱
	S 耐热合金 Heat-resisting steel		✱	✱	

本图例为右手刀(R)RIGHT HAND SHOWN

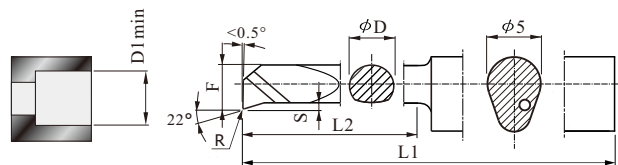
型号 MODEL NO.		尺寸 mm									PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20		
600150R005	600150R005	5.7	5.1	0.6	15	30	0.05	6	15	●	●	●	●		
600200R005	600200R005	5.7	5.1	0.6	20	35	0.05	6	20	●	●	●	●		
600250R005	600250R005	5.7	5.1	0.6	25	40	0.05	6	25	●	●	●	●		
600300R005	600300R005	5.7	5.1	0.6	30	45	0.05	6	30	●	●	●	●		
600150R010	600150R010	5.7	5.1	0.6	15	30	0.10	6	15	●	●	●	●		
600200R010	600200R010	5.7	5.1	0.6	20	35	0.10	6	20	●	●	●	●		
600250R010	600250R010	5.7	5.1	0.6	25	40	0.10	6	25	●	●	●	●		
600300R010	600300R010	5.7	5.1	0.6	30	45	0.10	6	30	●	●	●	●		
600150R020	600150R020	5.7	5.1	0.6	15	30	0.20	6	15	●	●	●	●		
600200R020	600200R020	5.7	5.1	0.6	20	35	0.20	6	20	●	●	●	●		
600250R020	600250R020	5.7	5.1	0.6	25	40	0.20	6	25	●	●	●	●		
600300R020	600300R020	5.7	5.1	0.6	30	45	0.20	6	30	●	●	●	●		

夹持力强
刚性好
Strong clamping force
Good rigidity



CBCR/L

0° 整体合金极小径镗刀



CBCR

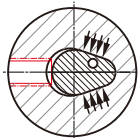
特点:

- 1. 非常好的夹持力, 刚性强;
- 2. 带内冷, 加工性能优异;
- 3. 刃口锋利, 切削阻力小。
- 1. Strong clamping force Good rigidity.
- 2. With internal cooling, Excellent Processing Performance;
- 3. Sharp edge, Small cutting resistance.

本图例为右手刀(R)RIGHT HAND SHOWN

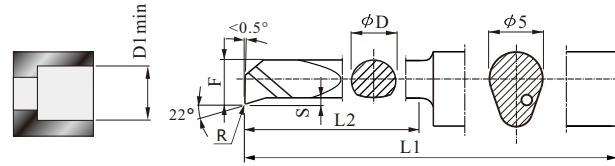
型号 MODEL NO.		尺寸 mm								PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
300100R005	300100R005	2.7	2.4	0.4	10	25	0.05	3	10	●	●	●	●	
300150R005	300150R005	2.7	2.4	0.4	15	30	0.05	3	15	●	●	●	●	
300180R005	300180R005	2.7	2.4	0.4	18	35	0.05	3	18	●	●	●	●	
300100R010	300100R010	2.7	2.4	0.4	10	25	0.10	3	10	●	●	●	●	
300150R010	300150R010	2.7	2.4	0.4	15	30	0.10	3	15	●	●	●	●	
300180R010	300180R010	2.7	2.4	0.4	18	35	0.10	3	18	●	●	●	●	
300100R020	300100R020	2.7	2.4	0.4	10	25	0.20	3	10	●	●	●	●	
300150R020	300150R020	2.7	2.4	0.4	15	30	0.20	3	15	●	●	●	●	
CBCR 300180R020	CBCL 300180R020	2.7	2.4	0.4	18	35	0.20	3	18	●	●	●	●	
400150R005	400150R005	3.7	3.0	0.8	12	30	.05	4	12	●	●	●	●	
400170R005	400170R005	3.7	3.0	0.8	17	35	0.05	4	17	●	●	●	●	
400200R005	400200R005	3.7	3.0	0.8	20	35	0.05	4	20	●	●	●	●	
400120R010	400120R010	3.7	3.0	0.8	12	30	0.10	4	12	●	●	●	●	
400170R010	400170R010	3.7	3.0	0.8	17	35	0.10	4	17	●	●	●	●	
400200R010	400200R010	3.7	3.0	0.8	20	35	0.10	4	20	●	●	●	●	
400120R020	400120R020	3.7	3.0	0.8	12	30	0.20	4	12	●	●	●	●	
400170R020	400170R020	3.7	3.0	0.8	17	35	0.20	4	17	●	●	●	●	
400200R020	400200R020	3.7	3.0	0.8	20	35	0.20	4	20	●	●	●	●	

夹持力强
刚性好
Strong clamping force
Good rigidity



CBCR/L

0° 整体合金极小径镗刀



CBCR

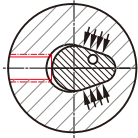
特点:

- 1. 非常好的夹持力，刚性强;
 - 2. 带内冷，加工性能优异;
 - 3. 刃口锋利，切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

本图例为右手刀(R)RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm									PVD涂层				合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20		
		CBCR	CBCL	500150R010	500150R010	4.7	4.2	0.8	15	30	0.10	5	15	●	●
		500200R010	500200R010	4.7	4.2	0.8	20	35	0.10	5	20	●	●	●	●
		500250R010	500250R010	4.7	4.2	0.8	25	40	0.10	5	25	●	●	●	●
		500300R010	500300R010	4.7	4.2	0.8	30	45	0.10	5	30	●	●	●	●
		500150R020	500150R020	4.7	4.2	0.8	15	30	0.20	5	15	●	●	●	●
		500200R020	500200R020	4.7	4.2	0.8	20	35	0.20	5	20	●	●	●	●
		500250R020	500250R020	4.7	4.2	0.8	25	40	0.20	5	25	●	●	●	●
		500300R020	500300R020	4.7	4.2	0.8	30	45	0.20	5	30	●	●	●	●
		600150R010	600150R010	5.7	5	1	15	30	0.10	6	15	●	●	●	●
		600200R010	600200R010	5.7	5	1	20	35	0.10	6	20	●	●	●	●
		600250R010	600250R010	5.7	5	1	25	40	0.10	6	25	●	●	●	●
		600300R010	600300R010	5.7	5	1	30	45	0.10	6	30	●	●	●	●
		600150R020	600150R020	5.7	5	1	15	30	0.20	6	15	●	●	●	●
		600200R020	600200R020	5.7	5	1	20	35	0.20	6	20	●	●	●	●
		600250R020	600250R020	5.7	5	1	25	40	0.20	6	25	●	●	●	●
		600300R020	600300R020	5.7	5	1	30	45	0.20	6	30	●	●	●	●

夹持力强
刚性好
Strong clamping force
Good rigidity

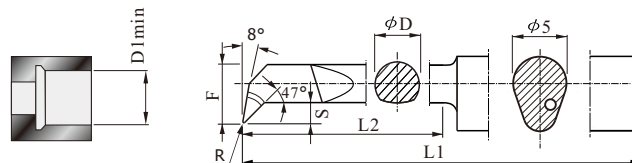


CBDR/L

8° 整体合金极小径镗刀

用于退刀槽加工

For cutter knife groove back

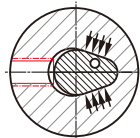


CBDR

特点:

- 1. 非常好的夹持力, 刚性强;
 - 2. 带内冷, 加工性能优异;
 - 3. 刃口锋利, 切削阻力小。
1. Strong clamping force Good rigidity.
2. With internal cooling,
- Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

夹持力强
刚性好
Strong clamping force
Good rigidity



工 件 材 质	P 钢 Steel	✱	✱	✱	
	P 高硬度钢 HRC35-60 Steel		●	●	
	M 不锈钢 Stainless steel	✱	✱	✱	
	S 钛合金和可伐合金 Titanium alloy		✱	✱	
	N 有色金属 Nonferrous metal				✱
	S 耐热合金 Heat-resisting steel		✱	✱	

本图例为右手刀(R)RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm									PVD涂层			合金
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20	
200060R005	200060R005	1.9	1.5	0.5	6	25	0.05	2	6	●	●	●	●	
200090R005	200090R005	1.9	1.5	0.5	9	25	0.05	2	9	●	●	●	●	
300100R010	300100R010	2.6	2.0	0.7	10	25	0.10	3	10	●	●	●	●	
300150R010	300150R010	2.6	2.0	0.7	15	30	0.10	3	15	●	●	●	●	
400100R010	400100R010	3.7	2.9	0.9	10	25	0.10	4	10	●	●	●	●	
400200R010	400200R010	3.7	2.9	0.9	20	35	0.10	4	20	●	●	●	●	
500150R010	500150R010	4.7	3.7	1.1	15	30	0.10	5	15	●	●	●	●	
500250R010	500250R010	4.7	3.7	1.1	25	40	0.10	5	25	●	●	●	●	
600200R010	600200R010	5.7	3.7	1.1	15	30	0.10	6	15	●	●	●	●	
600300R010	600300R010	5.7	3.7	1.1	25	40	0.10	6	25	●	●	●	●	

CBER/L

8° 整体合金极小径镗刀

用于梯形槽加工

For cutter Trapezoidal groove

特点:

1. 非常好的夹持力, 刚性强;

2. 带内冷, 加工性能优异;

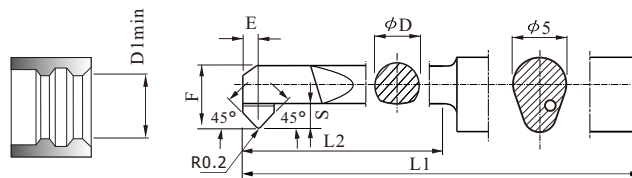
3. 刃口锋利, 切削阻力小。

1. Strong clamping force Good rigidity.

2. With internal cooling,

Excellent Processing Performance;

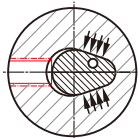
3. Sharp edge, Small cutting resistance.



CBER

夹持力强
刚性好

Strong clamping force
Good rigidity

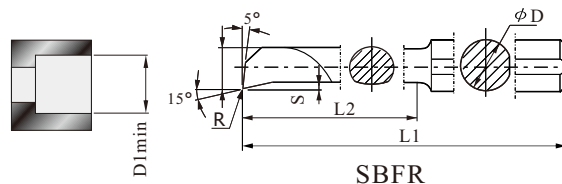


本图例为右手刀(R)RIGHT HAND SHOWN

工件材料	P	钢 Steel	✱	✱	✱	
	P	高硬度钢 HRC35-60 Steel		●	●	
	M	不锈钢 Stainless steel	✱	✱	✱	
	S	钛合金和可伐合金 Titanium alloy		✱	✱	
	N	有色金属 Nonferrous metal				✱
	S	耐热合金 Heat-resisting steel		✱	✱	

型号 MODEL NO.		尺寸 mm									PVD涂层				合金
正刀		反刀		F	ΦD	S	L2	L1	E	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CP9030	CW20
CBER	500150R020	CBEL	500150R020	4.7	3.6	1.2	15	30	1	5	15	●	●	●	●
	600200R020		600200R020	6.4	4.8	1.7	20	35	1	7	20	●	●	●	●

SBFR/L 5° 整体合金极小径镗刀



工 件 材 质	P 钢 Steel	✱	✱		●
	P 高硬度钢 HRC35-60 Steel		●		
	M 不锈钢 Stainless steel	✱	✱		
	S 钛合金和可伐合金 Titanium alloy		✱		
	N 有色金属 Nonferrous metal			✱	
S 耐热合金 Heat-resisting steel		✱			

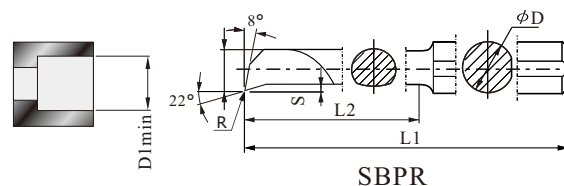
本图例为右手刀(R)RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm								PVD涂层 合金 金属陶瓷			
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D _{lmin}	推荐加工深度 max	CP2630	CP6130	CP9030	CW20
SBFR 10030R005-D4	SBFL 10030R005-D4	0.8	4	0.2	3	40	0.05	1.0	3	●	●	●	●
SBFR 15050R010-D4	SBFL 15050R010-D4	1.2	4	0.2	5	40	0.10	1.5	5	●	●	●	●
SBFR 20070R010-D4	SBFL 20070R010-D4	1.7	4	0.35	7	40	0.10	2.0	7	●	●	●	●
SBFR 25090R010-D4	SBFL 25090R010-D4	2.3	4	0.45	9	40	0.10	2.5	9	●	●	●	●
SBFR 30100R010-D4	SBFL 30100R010-D4	2.7	4	0.45	10	50	0.10	3.0	10	●	●	●	●
SBFR 35150R010-D4	SBFL 35150R010-D4	3.2	4	0.5	15	50	0.10	3.5	15	●	●	●	●
SBFR 40150R010-D4	SBFL 40150R010-D4	3.7	4	0.5	15	50	0.10	4.0	15	●	●	●	●
SBFR 45180R010-D4	SBFL 45180R010-D4	4.0	4	0.5	18	50	0.10	4.5	18	●	●	●	●
SBFR 50200R020-D6	SBFL 50200R020-D6	4.7	6	0.9	20	50	0.20	5.0	20	●	●	●	●
SBFR 55200R020-D6	SBFL 55200R020-D6	5.2	6	0.9	20	50	0.20	5.5	20	●	●	●	●
SBFR 60200R020-D6	SBFL 60200R020-D6	5.7	6	0.9	20	50	0.20	6.0	20	●	●	●	●
SBFR 70250R020-D7	SBFL 70250R020-D7	6.5	7	1.0	25	60	0.20	7.0	25	●	●	●	●
SBFR 80300R020-D8	SBFL 80300R020-D8	7.5	8	1.0	30	60	0.20	8.0	30	●	●	●	●



SBPR/L

8° 整体合金极小径镗刀

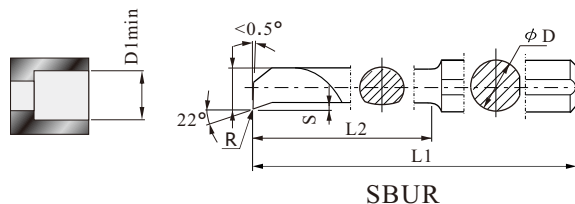


本图例为右手刀(R)RIGHT HAND SHOWN

工 件 材 质	P	钢 Steel	✱	✱		●
	P	高硬度钢 HRC35-60 Steel		●		
	M	不锈钢 Stainless steel	✱	✱		
	S	钛合金和可伐合金 Titanium alloy		✱		
	N	有色金属 Nonferrous metal			✱	
	S	耐热合金 Heat-resisting steel		✱		

型号 MODEL NO.		尺寸 mm								PVD涂层 合金 金属陶瓷			
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 DImin	推荐加工深度 max	CP2630	CP6130	CW20	CTP20
SBPR 10030R005-D4	SBPL 10030R005-D4	0.8	4	0.2	3	40	0.05	1.0	3	●	●	●	●
SBPR 15050R010-D4	SBPL 15050R010-D4	1.2	4	0.2	5	40	0.10	1.5	5	●	●	●	●
SBPR 20070R010-D4	SBPL 20070R010-D4	1.7	4	0.35	7	40	0.10	2.0	7	●	●	●	●
SBPR 25090R010-D4	SBPL 25090R010-D4	2.3	4	0.45	9	40	0.10	2.5	9	●	●	●	●
SBPR 30100R010-D4	SBPL 30100R010-D4	2.7	4	0.45	10	50	0.10	3.0	10	●	●	●	●
SBPR 35150R010-D4	SBPL 35150R010-D4	3.2	4	0.5	15	50	0.10	3.5	15	●	●	●	●
SBPR 40150R010-D4	SBPL 40150R010-D4	3.7	4	0.5	15	50	0.10	4.0	15	●	●	●	●
SBPR 45180R010-D4	SBPL 45180R010-D4	4.0	4	0.5	18	50	0.10	4.5	18	●	●	●	●
SBPR 50200R020-D6	SBPL 50200R020-D6	4.7	6	0.9	20	50	0.20	5.0	20	●	●	●	●
SBPR 55200R020-D6	SBPL 55200R020-D6	5.2	6	0.9	20	50	0.20	5.5	20	●	●	●	●
SBPR 60200R020-D6	SBPL 60200R020-D6	5.7	6	0.9	20	50	0.20	6.0	20	●	●	●	●
SBPR 70250R020-D7	SBPL 70250R020-D7	6.5	7	1.0	25	60	0.20	7.0	25	●	●	●	●
SBPR 80300R020-D8	SBPL 80300R020-D8	7.5	8	1.0	30	60	0.20	8.0	30	●	●	●	●

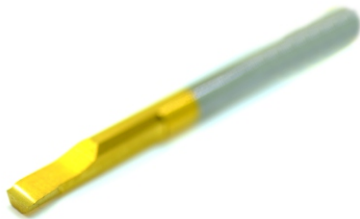
SBUR/L 0° 整体合金极小径镗刀



本图例为右手刀(R)RIGHT HAND SHOWN

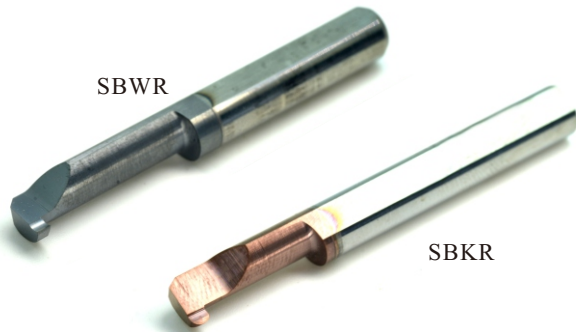
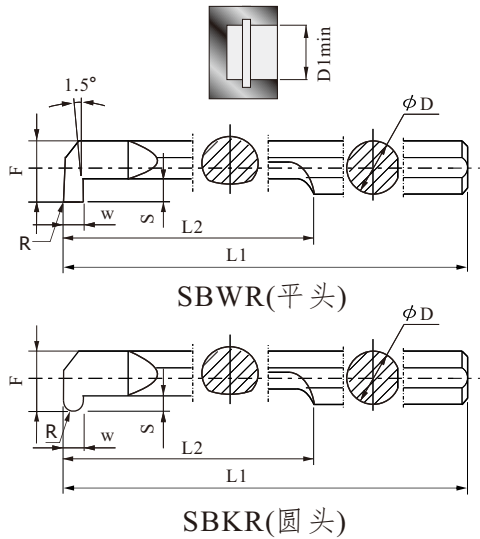
工 件 材 质	P	钢 Steel	✱	✱		●
	P	高硬度钢 HRC35-60 Steel		●		
	M	不锈钢 Stainless steel	✱	✱		
	S	钛合金和可伐合金 Titanium alloy		✱		
	N	有色金属 Nonferrous metal			✱	
	S	耐热合金 Heat-resisting steel		✱		



型号 MODEL NO.		尺寸 mm								PVD涂层 合金 金属陶瓷			
正刀	反刀	F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP2630	CP6130	CW20	CTP20
SBUR 10030R005-D4	SBUL 10030R005-D4	0.8	4	0.2	3	40	0.05	1.0	3	●	●	●	●
SBUR 15050R010-D4	SBUL 15050R010-D4	1.2	4	0.2	5	40	0.10	1.5	5	●	●	●	●
SBUR 20070R010-D4	SBUL 20070R010-D4	1.7	4	0.35	7	40	0.10	2.0	7	●	●	●	●
SBUR 25090R010-D4	SBUL 25090R010-D4	2.3	4	0.45	9	40	0.10	2.5	9	●	●	●	●
SBUR 30100R010-D4	SBUL 30100R010-D4	2.7	4	0.45	10	50	0.10	3.0	10	●	●	●	●
SBUR 35150R010-D4	SBUL 35150R010-D4	3.2	4	0.5	15	50	0.10	3.5	15	●	●	●	●
SBUR 40150R010-D4	SBUL 40150R010-D4	3.7	4	0.5	15	50	0.10	4.0	15	●	●	●	●
SBUR 45180R010-D4	SBUL 45180R010-D4	4.0	4	0.5	18	50	0.10	4.5	18	●	●	●	●
SBUR 50200R020-D6	SBUL 50200R020-D6	4.7	6	0.9	20	50	0.20	5.0	20	●	●	●	●
SBUR 55200R020-D6	SBUL 55200R020-D6	5.2	6	0.9	20	50	0.20	5.5	20	●	●	●	●
SBUR 60200R020-D6	SBUL 60200R020-D6	5.7	6	0.9	20	50	0.20	6.0	20	●	●	●	●
SBUR 70250R020-D7	SBUL 70250R020-D7	6.5	7	1.0	25	60	0.20	7.0	25	●	●	●	●
SBUR 80300R020-D8	SBUL 80300R020-D8	7.5	8	1.0	30	60	0.20	8.0	30	●	●	●	●



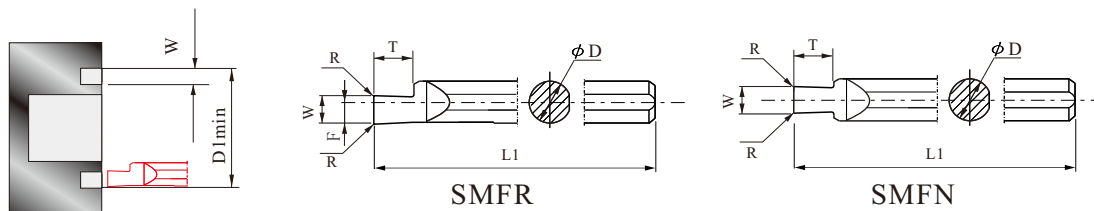
SBWR 整体合金小径内孔槽刀

本图例为右手刀(R)RIGHT HAND SHOWN



型号 MODEL NO.	尺寸 mm										PVD 涂层			合金
	W	ΦD	F	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 Smax	CP2630	CP6130	CW20		
 正刀														
SBWR 05100R010-D4	0.5	4	3.8	1.2	10	50	0.1	4.0	1.0					
SBWR 08100R010-D4	0.8	4	3.8	1.2	10	50	0.1	4.0	1.0					
SBWR 10100R010-D4	1.0	4	3.8	1.2	10	50	0.1	4.0	1.0					
SBWR 05120R010-D5	0.5	4	3.8	1.4	10	50	0.1	5.0	1.2					
SBWR 08120R010-D5	0.8	5	4.8	1.4	10	50	0.1	5.0	1.2					
SBWR 10120R010-D5	1.0	5	4.8	1.4	10	50	0.1	5.0	1.2					
SBWR 15120R010-D5	1.5	5	4.8	1.4	10	50	0.1	5.0	1.2					
SBWR 05180R015-D6	0.5	5	4.8	2.0	12	50	0.15	6.0	1.8					
SBWR 08180R015-D6	0.8	6	5.8	2.0	12	50	0.15	6.0	1.8					
SBWR 10180R015-D6	1.0	6	5.8	2.0	12	50	0.15	6.0	1.8					
SBWR 15180R015-D6	1.5	6	5.8	2.0	12	50	0.15	6.0	1.8					
SBWR 05220R015-D8	0.5	6	5.8	2.4	16	50	0.15	8.0	2.2					
SBWR 08220R015-D8	0.8	8	7.8	2.4	16	50	0.15	8.0	2.2					
SBWR 10220R015-D8	1.0	8	7.8	2.4	16	50	0.15	8.0	2.2					
SBWR 15220R015-D8	1.5	8	7.8	2.4	16	50	0.15	8.0	2.2					
SBWR 20220R015-D8	2.0	8	7.8	2.4	16	50	0.15	8.0	2.2					
 正刀														
SBKR R0.5X10L-D4	R0.5	4	3.8	1.1	10	50	R0.5	4	1.0					
SBKR R0.75X10L-D4	R0.75	4	3.8	1.6	10	50	R0.75	4	1.5					
SBKR R0.5X15L-D6	R0.5	6	5.8	1.1	15	50	R0.5	6	1.0					
SBKR R0.75X15L-D6	R0.75	6	5.8	1.6	15	50	R0.75	6	1.5					
SBKR R1.0X15L-D6	R1.0	6	5.8	2.1	15	50	R1.0	6	2.0					

SMFR/L 整体合金小径端面槽刀

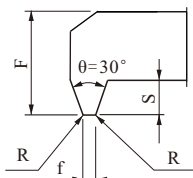


本图例为右手刀(R)RIGHT HAND SHOWN

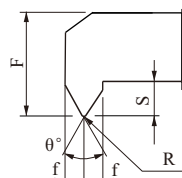


型号 MODEL NO.		尺寸 mm								PVD涂层			合金
正刀	中间	W	ΦD	T	F	L1	R	最小加工直径 Dl _{min}	推荐加工深度 max	CP2630	CP6130	CW20	
SMFR 075W8D1.5T-D6	SMFN 075W8D1.5T-D6	0.75	6	1.5 (2.95)	50	0.10	8	1.5	1.5	●	●	●	
SMFR 100W8D2.0T-D6	SMFN 100W8D2.0T-D6	1.0	6	2.0 (2.95)	50	0.10	8	2	2	●	●	●	
SMFR 150W8D3.0T-D6	SMFN 150W8D3.0T-D6	1.5	6	3.0 (2.95)	50	0.20	8	3	3	●	●	●	
SMFR 200W8D4.0T-D6	SMFN 200W8D4.0T-D6	2.0	6	4.0 (2.95)	50	0.20	8	4	4	●	●	●	
SMFR 100W10D2.0T-D8	SMFN 100W10D2.0T-D8	1.0	8	2.5 (3.95)	50	0.10	10	2	2	●	●	●	
SMFR 150W10D3.0T-D8	SMFN 150W10D3.0T-D8	1.5	8	4.0 (3.95)	50	0.20	10	3	3	●	●	●	
SMFR 200W10D4.0T-D8	SMFN 200W10D4.0T-D8	2.0	8	5.0 (3.95)	50	0.20	10	4	4	●	●	●	
SMFR 100W12D2.0T-D10	SMFN 100W12D2.0T-D10	1.0	10	3.0 (4.95)	50	0.10	12	2	2	●	●	●	
SMFR 150W12D3.0T-D10	SMFN 150W12D3.0T-D10	1.5	10	5.0 (4.95)	50	0.20	12	3	3	●	●	●	
SMFR 200W12D4.0T-D10	SMFN 200W12D4.0T-D10	2.0	10	6.0 (4.95)	50	0.20	12	4	4	●	●	●	
SMFR 250W12D5.0T-D10	SMFN 250W12D5.0T-D10	2.5	10	8.0 (4.95)	50	0.20	12	5	5	●	●	●	
SMFR 300W12D6.0T-D10	SMFN 300W12D6.0T-D10	3.0	10	9.0 (4.95)	50	0.20	12	6	6	●	●	●	

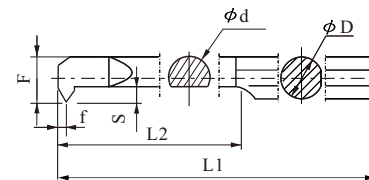
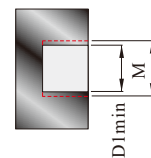
STIR 整体合金极小内螺纹刀



TR公制梯形螺纹图



ISO,UN&BSW
公制,美制和美制螺纹图

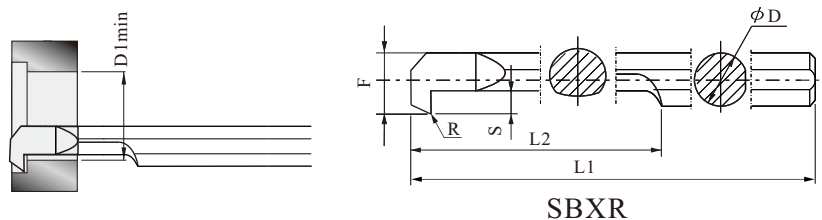
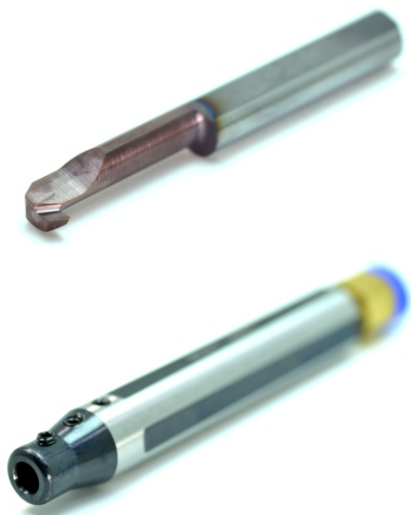


本图例为右手刀(R)RIGHT HAND SHOWN



型号MODEL NO.	尺寸 mm										常用螺纹规格		PVD涂层	合金	
	最小加工直径 D1min	ΦD	F	f	Φd	S	L2	L1	R	θ°	公制螺纹 ISO mm	美制螺纹 UN TPI 牙/英寸	CP2630	CP6130	CW20
ISO,UN公制及美制															
STIR 016M2.0-D4	1.6	4	1.4	0.22	1.4	0.5	4	50	0.03	60	M2X0.4	64UN	●	●	●
STIR 020M2.5-D4	2.0	4	1.8	0.25	1.8	0.55	5	50	0.03	60	M2.5X0.45 M2.6X0.45	56UN	●	●	●
STIR 025M3.0-D4	2.5	4	2.3	0.27	2.3	0.6	6	50	0.04	60	M3X0.5	48,44UN	●	●	●
STIR 033M4.0-D4	3.3	4	3.1	0.4	3.1	0.9	10	50	0.05	60	M4X0.7	40,36UN	●	●	●
STIR 042M5.0-D6	4.2	6	4.0	0.5	4.0	1.1	12	50	0.06	60	M5X0.8	32,28UN	●	●	●
STIR 050M6.0-D6	5.0	6	4.8	0.6	4.8	1.3	14	50	0.07	60	M6X1 M7X1	24UN	●	●	●
STIR 067M8.0-D8	6.7	8	6.5	0.7	6.5	1.5	16	50	0.08	60	M8X1.25 M8X1,M10X1	20UN	●	●	●
BSW英制梯形螺纹											BSW规格				
STIR 046-20W-D6	4.6	6	4.4	0.7	4.4	1.5	12	50	0.14	55	1/4"-20W,1/4-26W		●	●	●
STIR 060-18W-D6	6.0	6	5.8	0.8	5.8	1.8	20	50	0.16	55	5/16"-18W,5/16"-22W 3/8"-20W		●	●	●
TR公制梯形螺纹											TR规格				
STIR 062TR1.5-D8	6.2	8	6.0	0.55	6.1	1.0	25	60	0.1	30	TR8X1.5,TR9X1.5		●	●	
STIR 065TR2.0-D8	6.5	8	6.3	0.73	6.4	1.3	25	60	0.2	30	TR9X2.0,TR10X2.0		●	●	
STIR 095TR2.0-D10	9.5	10	9.3	0.73	9.4	1.3	35	72	0.2	30	TR12X2.0,TR14X2.0 TR16X2.0,TR18X2.0		●	●	
STIR 075TR3.0-D8	7.5	8	7.3	1.1	7.4	1.8	30	60	0.2	30	TR11X3.0,TR12X3.0 TR14X3.0		●	●	

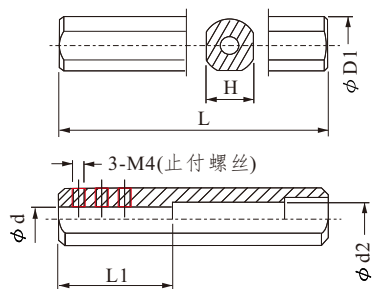
SBXR 整体合金小径内孔倒拉刀



本图例为右手刀(R)RIGHT HAND SHOWN

型号 MODEL NO.	尺寸 mm							PVD涂层 合金		
	ΦD	F	S	L2	L1	R	最小加工直径 D1min	CP2630	CP6130	CW20
SBXR 100R010-D4	4	3.8	1.0	10	50	0.1	4.0	●	●	●
SBXR 150R015-D5	5	4.8	1.5	15	50	0.15	5.0	●	●	●
SBXR 200R020-D6	6	5.8	2.0	20	50	0.2	6.0	●	●	●
SBWR 200R020-D8	4	7.8	2.0	20	50	0.2	8.0	●	●	●

刀套



型号	尺寸					
	D1	d1	d2	H	L	L1
PH0316-80	16	3	4	11	80	20
PH0416-80	16	4	5	11	80	20
PH0516-80	16	5	6	11	80	25
PH0616-80	16	6	7	11	80	25
PH0716-80	16	7	8	11	80	30
PH0816-80	16	8	9	11	80	30

型号	尺寸					
	D1	d1	d2	H	L	L1
PH0320-80	20	3	4	11	80	20
PH0420-80	20	4	5	11	80	20
PH0520-80	20	5	6	11	80	25
PH0620-80	20	6	7	11	80	25
PH0720-80	20	7	8	11	80	30
PH0820-80	20	8	9	11	80	30

高性能螺纹刀片

High performance Thread insert

带槽型的E(I)RM为压制槽型，
刃口为磨制保持螺纹齿形精度，
槽型具有优异的排屑性能。

Pressed groove type, The cutting edge is
Grinding of thread profile, Excellent iron
chip removal performance

特点：

切削阻力小，铁屑控制好，高品质，高稳定性的通用产品；性能超越进口同类顶级产品。

被加工对象：

爪锈钢，钛合金，高温合金，钢件及铸铁加工。

CP1125, CP8130: 适合通用加工；

CP2430: 适合高速加工及难加工材料。

Feature :

Low cutting resistance, well chip breaking, high quality & stability. Performance exceed famous brand.

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,
Steel, Cast iron.

CP1125, CP8130: Universal grade.

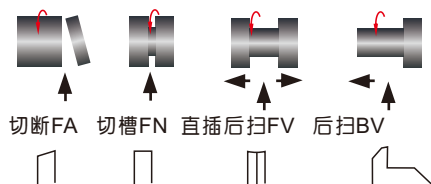
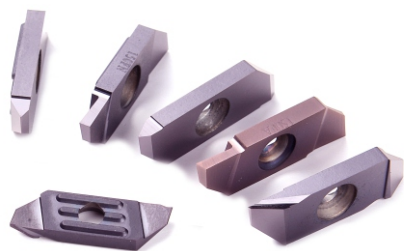
CP2430: High speed cutting & intractable work-piece.

		PVD				硬质合金	加工参数 parameters Vc (mm/min)
		CP1125	CP2430	CP8130	CW20		
工 件 材 质	P 钢件加工 Steel	☺	☺	☺		80-120-160	
	M 爪锈钢 Stainless steel	☺	☺	☺		60-80-120	
	K 铸铁 Cast iron	☺	☺	☺		120-150-200	
	S 钛合金 Titanium alloy		☺			30-40-50	
	S 耐热合金 Heat-resisting steel	☺	☺	☺		40-50-60	
	N 铝合金 Nonferrous meter				●	150-180-250	
型号规格						螺纹型号	
带槽型 Groove type	<i>11IRM</i>	☺	☺	☺		ISO UN BSW BSPT NPT TR ACME SAGE RD APIRD	
	<i>16IRM, 16ERM</i>	☺	☺	☺			
	<i>22IRM, 22ERM</i>	☺	☺	☺			
全磨制 Grinding	<i>06IR</i>		☺	☺	☺		
	<i>08IR</i>		☺	☺	☺		
	<i>11IR</i>		☺	☺	☺		
	<i>16IR, 16ER</i>		☺	☺	☺		
	<i>22IR, 22ER</i>		☺	☺	☺		
	<i>27IR, 27ER</i>		☺	☺	☺		

具体尺寸规格详见我公司综合样本。See our comprehensive sample for details.

CT(L)PR / L 精磨切断切槽刀片

CT(L)PR / L Grooving insert



特点:

刃口锋利, 铁屑控制好, 超精加工槽型;

被加工对象:

不锈钢, 钛合金, 高温合金, 淬火钢, 碳钢。

CP2630: 通用加工材质;

CP2130: 不锈钢加工;

CP2430F: 钛合金, 不锈钢, 高温合金及钢件加工;

CT20(金属陶瓷): 碳钢连续加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing .

Application:

Stainless steel, Titanium alloy, Heat resisting alloy,

Hardened steel, Low-carbon steel.

CP2630: General processing materials.

CP2130: Stainless steel processing.

CP2430F: Ti- alloy, Stainless steel, Heat resisting alloy, steel ;

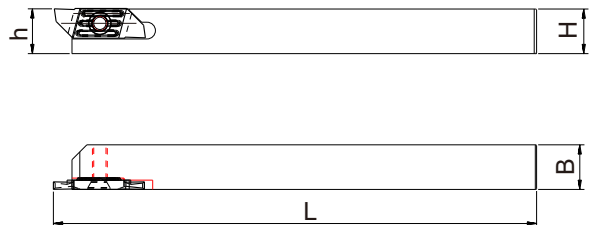
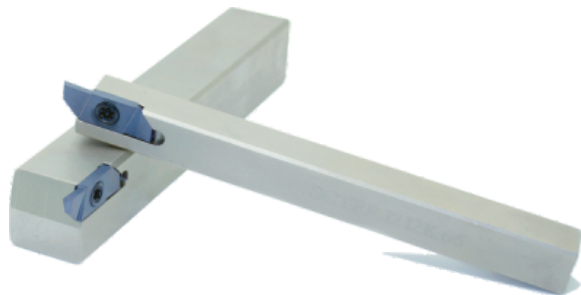
CT20: Continuous processing of carbon steel.

● 首选; ○ 可选

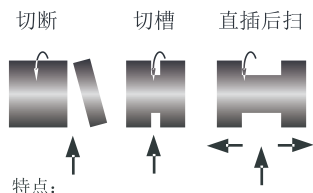
型号规格		工件材料					PVD涂层				合金
		P	P	M	S	N	S	CP2630	CP2130	CP2430F	CW20
例: CTPR100FN.CP2130 CTLPR100FN.CP2130		刀片用途 / 有效切深									
右手刀片	左手刀片	槽宽	切槽	切断	切槽,后扫	后扫					
		WH13	FN	FA	FV	BV					
CTPR050	CTPL050	0.5	2.0	2.0			●	●	●	●	
CTPR080	CTPL080	0.8	3.0	3.5	3.0		●	●	●	●	
CTPR100	CTPL100	1.0	4.0	5.0	4.0		●	●	●	●	
CTPR125	CTPL125	1.25	4.0	5.0			●	●	●	●	
CTPR150	CTPL150	1.5	5.5	6.5	4.0		●	●	●	●	
CTPR175	CTPL175	1.75	5.5	6.5			●	●	●	●	
CTPR200	CTPL200	2.0	5.5	6.5			●	●	●	●	
CTPR250	CTPL250	2.5	5.5	6.5		4.0	●	●	●	●	
CTLPR050	CTLPL050	0.5	3.0	3.0			●	●	●	●	
CTLPR080	CTLPL080	0.8	3.5	4.0	3.0		●	●	●	●	
CTLPR100	CTLPL100	1.0	6.0	6.0	4.0		●	●	●	●	
CTLPR125	CTLPL125	1.25	6.0	6.5			●	●	●	●	
CTLPR150	CTLPL150	1.5	7.0	7.0	4.0		●	●	●	●	
CTLPR175	CTLPL175	1.75	8.0	8.0			●	●	●	●	
CTLPR200	CTLPL200	2.0	8.0	11.0			●	●	●	●	
CTLPR250	CTLPL250	2.5	8.0	11.0		4.0	●	●	●	●	

CTPR 外圆切断车刀 (切断, 切槽, 后扫加工)


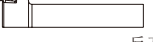
CTPR/L □□□□□K-□□



本图例为右手刀(R) RIGHT HAND SHOWN



- 特点:
1. 用途: 切断, 切槽及直插后扫加工
 2. 使用率:
 3. 经济性:
 4. 两面均有侧后角, 切削阻力低, 定位强度高。

型号 MODEL NO.		尺寸 mm				螺钉	扳手	刀片 型号
 正刀	 反刀	H H1 B	L	H2	f			
CTPR0808K66	CTPL0808K66	8	125	-	8.1	MS4080	T15	CTPR □□□ CTPL □□□
CTPR1010K66	CTPL1010K66	10	125	-	10.1			
CTPR1212K66	CTPL1212K66	12	125	-	12.1			
CTPR1616M66	CTPL1616M66	16	125	-	16.1			
CTPR2020K66	CTPL2020K66	20	125	-	20.1			
CTPR2525M66	CTPL2525M66	25	150	-	25.1			
CTPR1212K86	CTPL1212K86	12	125	-	12.1	MS4080	T15	CTLPR □□□ CTLPL □□□
CTPR1616M86	CTPL1616M86	16	125	-	16.1			
CTPR2020K86	CTPL2020K86	20	125	-	20.1			
CTPR2525M86	CTPL2525M86	25	150	-	25.1			

CD

一双头槽刀片 (巅峰之作)

CD Grooving insert



特点:

刃口锋利, 铁屑控制好, 通用性极强, 特别适合端面加工;
性能媲美欧洲顶级同类产品。

被加工对象

高温合金, 不锈钢, 钢件加工。

Feature:

Sharp edge, well chip breaking, wide cutting scope, special for face grooving.

Performance equal to Europe top brand.

Application:

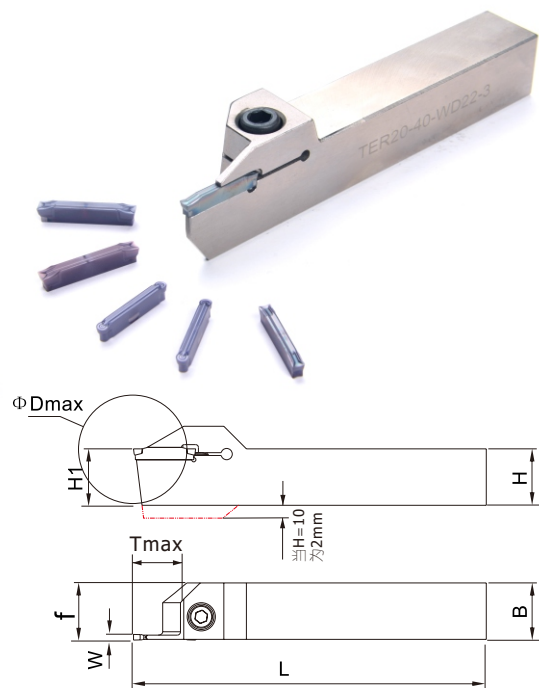
Heat resisting alloy, Stainless steel, Steel.

		PVD			CVD	加工参数 parameters Vc (mm/min)
		CP9030	CP2430	CP8130	CC1035G	
工件 材 质	P 钢件加工 Steel	☉	☉	☉		80-120-160
	P 钢件高速加工 Steel			☉	●	150-180-250
	M 不锈钢 Stainless steel	☉	☉	☉		60-80-120
	S 钛合金 Titanium alloy	☉	☉			40-60-80
	S 耐热合金 Heat-resisting steel	☉	☉	☉		40-60-80
型号规格						每转进给 f mm
平头	CD22N2.00S-0.2T	☉	☉	☉		0.05-0.07-0.10
	CD22N2.50S-0.2T	☉	☉	☉		0.06-0.08-0.12
	CD22N3.00S-0.3T	☉	☉	☉	●	0.07-0.10-0.20
	CD25N4.00S-0.4T	☉	☉	☉	●	0.08-0.20-0.30
	CD25N5.00S-0.4T	☉	☉	☉	●	0.12-0.25-0.35
圆头	CD22N3.00S-1.5R	☉	☉	☉		0.05-0.08-0.12
	CD25N4.00S-2.0R	☉	☉	☉		0.06-0.10-0.15
斜口	CD22R2.00E-06F1	☉	☉	☉		0.05-0.07-0.10

双头外圆切断，切槽车刀

TER/L□□-□□ CD2□ -□

本图例为右手刀 (R) RIGHT HAND SHOWN



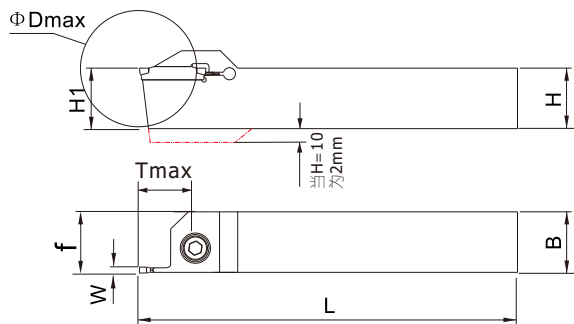
加工小窍门：当切断实心棒料时，
切断刀杆中心高提高量
=0.08+0.02W(刀片宽度)
例：3mm切断刀片，刀杆中心高
提高量=0.08+0.02X3=0.14mm.

型号	MODEL NO.	尺寸 mm				最大加工深度 Tmax	螺钉	扳手	刀片型号
		W	H H1 B	L	f				
TER10-20-CD22-2	TEL10-20-CD22-2	2	10	125	10.25	10	BS0416	S3	CD22N2.00 CD22R-2.00
TER12-24-CD22-2	TEL12-24-CD22-2	2	12	125	12.25	12	BS0516	S4	
TER16-24-CD22-2	TEL16-24-CD22-2	2	16	125	16.25	12	BS0620	S5	
TER20-24-CD22-2	TEL20-24-CD22-2	2	20	125	20.25	12			
TER25-24-CD22-2	TEL25-24-CD22-2	2	25	150	25.25	12			
TER10-20-CD22-2.5	TEL10-20-CD22-2.5	2.5	10	125	10.3	10	BS0416	S3	CD22N2.50
TER12-24-CD22-2.5	TEL12-24-CD22-2.5	2.5	12	125	12.3	12	BS0516	S4	
TER16-24-CD22-2.5	TEL16-24-CD22-2.5	2.5	16	125	16.3	12	BS0620	S5	
TER20-24-CD22-2.5	TEL20-24-CD22-2.5	2.5	20	125	20.3	12			
TER25-24-CD22-2.5	TEL25-24-CD22-2.5	2.5	25	150	25.3	12			
TER16-36-CD22-3	TEL16-36-CD22-3	3	16	125	16.35	18	BS0616	S5	CD22N3.00 CD22R-3.00 CD22S-3.00
TER20-36-CD22-3	TEL20-36-CD22-3	3	20	125	20.35	18	BS0620		
TER25-36-CD22-3	TEL25-36-CD22-3	3	25	150	25.35	18			
TER32-36-CD22-3	TEL32-36-CD22-3	3	32	170	32.35	18			
TER20-40-CD25-4	TEL20-40-CD25-4	4	20	125	20.45	22	BS0620	S5	CD25N-4.00 CD22S-4.00
TER25-40-CD25-4	TEL25-40-CD25-4	4	25	150	25.45	22			
TER32-40-CD25-4	TEL32-40-CD25-4	4	32	170	32.45	22			
TER25-40-CD25-5	TEL25-40-CD25-5	5	25	150	25.45	22	BS0620	S5	CD25N5.00
TER32-40-CD25-5	TEL32-40-CD25-5	5	32	170	32.45	22			
TER40-40-CD25-5	TEL40-40-CD25-5	5	40	200	40.45	22			
TER25-40-CD25-6	TEL25-40-CD25-6	6	25	150	25.55	22	BS0620	S5	CD25N6.00
TER32-40-CD25-6	TEL32-40-CD25-6	6	32	170	32.55	22			
TER40-40-CD25-6	TEL40-40-CD25-6	6	40	200	40.55	22			

双头外圆浅切断，切槽车刀 (可以做横向切削)

TER/L □□-□□CD2 □-□

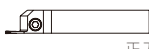
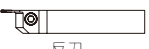
本图例为右手刀(R) RIGHT HAND SHOWN



加工小窍门:

当切断实心棒料时，切断刀片宽度选择:

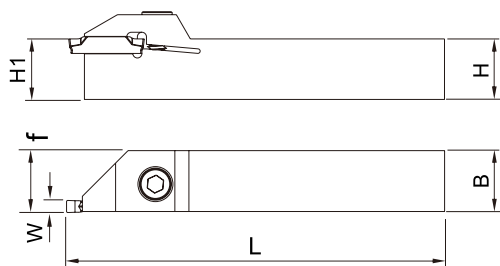
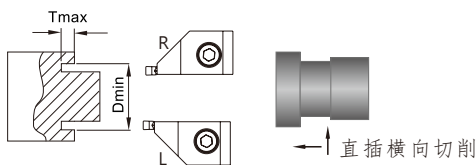
刀片宽度 $W = \frac{\text{切断工件直径} D}{5-8}$

型号 MODEL NO.		尺寸 mm				最大加工深度 Tmax	螺钉	扳手	刀片型号
 正刀	 反刀	W	H H1 B	L	f				
TER10-8-CD22-2	TEL10-8-CD22-2	2	10	125	10.25	8	BS0416	S3	CD22N2.00 CD22R-2.00
TER12-8-CD22-2	TEL12-8-CD22-2	2	12	125	12.25	8	BS0516	S4	
TER16-8-CD22-2	TEL16-8-CD22-2	2	16	125	16.25	8	BS0616	S5	
TER20-8-CD22-2	TEL20-8-CD22-2	2	20	125	20.25	8	BS0620		
TER25-8-CD22-2	TEL25-8-CD22-2	2	25	150	25.25	8			
TER10-8-CD22-2.5	TEL10-8-CD22-2.5	2.5	10	125	10.3	8	BS0516	S4	CD22N2.50
TER12-8-CD22-2.5	TEL12-8-CD22-2.5	2.5	12	125	12.3	8	BS0620	S5	
TER16-8-CD22-2.5	TEL16-8-CD22-2.5	2.5	16	125	16.3	8			
TER20-8-CD22-2.5	TEL20-8-CD22-2.5	2.5	20	125	20.3	8			
TER25-8-CD22-2.5	TEL25-8-CD22-2.5	2.5	25	150	25.3	8			
TER16-9-CD22-3	TEL16-9-CD22-3	3	16	125	16.35	9	BS0616	S5	CD22N3.00 CD22R-3.00 CD22S-3.00
TER20-9-CD22-3	TEL20-9-CD22-3	3	20	125	20.35	9	BS0620		
TER25-9-CD22-3	TEL25-9-CD22-3	3	25	150	25.35	9			
TER32-9-CD22-3	TEL32-9-CD22-3	3	32	170	32.35	9			
TER20-10-CD25-4	TEL20-10-CD25-4	4	20	125	20.45	10	BS0620	S5	CD25N4.00 CD22S-4.00
TER25-10-CD25-4	TEL25-10-CD25-4	4	25	150	25.45	10			
TER32-10-CD25-4	TEL32-10-CD25-4	4	32	170	32.45	10			
TER25-12-CD25-5	TEL25-12-CD25-5	5	25	150	25.45	12	BS0620	S5	CD25N5.00
TER32-12-CD25-5	TEL32-12-CD25-5	5	32	170	32.45	12			
TER40-12-CD25-5	TEL40-12-CD25-5	5	40	200	40.45	12			
TER25-12-CD25-6	TEL25-12-CD25-6	6	25	150	25.55	12	BS0620	S5	CD25N6.00
TER32-12-CD25-6	TEL32-12-CD25-6	6	32	170	32.55	12			
TER40-12-CD25-6	TEL40-12-CD25-6	6	40	200	40.55	12			

外圆浅端面切槽车刀

(可以做横向切削)

TSFR/L□□-□□ CD2□-□



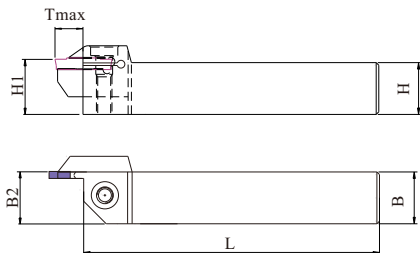
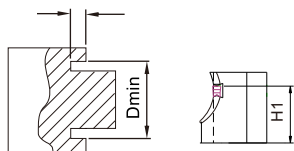
 加工小窍门：刀具切槽横向走刀时，刀具的最大切深 $a_{pmax}=WX0.8$ 。

本图例为右手刀 (R) RIGHT HAND SHOWN

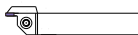
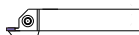
型号	MODEL NO.	尺寸 mm			最小加工直径 Dmin	最大加工深度 Tmax	螺钉	扳手	刀片型号
		W	H H1 B	L					
 正刀	 反刀								
TSFR16-28-CD22-2	TSFL16-24-CD22-2	2	16	100	28	5	BS0616	S5	CD22N2.00
TSFR20-28-CD22-2	TSFL20-24-CD22-2	2	20	125	28	5	BS0620		
TSFR25-28-CD22-2	TSFL25-24-CD22-2	2	25	150	28	5	BS0620		
TSFR16-29-CD22-2.5	TSFL16-24-CD22-2.5	2.5	16	100	29	5	BS0616	S5	CD22N2.50
TSFR20-29-CD22-2.5	TSFL20-24-CD22-2.5	2.5	20	125	29	5	BS0620		
TSFR25-29-CD22-2.5	TSFL25-24-CD22-2.5	2.5	25	150	29	5	BS0620		
TSFR16-30-CD22-3	TSFL16-24-CD22-3	3	16	100	30	5	BS0616	S5	CD22N3.00 CD22S3.00
TSFR20-30-CD22-3	TSFL20-24-CD22-3	3	20	125	30	5	BS0620		
TSFR25-30-CD22-3	TSFL25-24-CD22-3	3	25	150	30	5	BS0620		
TSFR20-38-CD25-4	TSFL20-30-CD25-4	4	20	125	38	6	BS0620	S5	CD25N4.00 CD22S4.00
TSFR25-38-CD25-4	TSFL25-30-CD25-4	4	25	150	38	6			
TSFR32-38-CD25-4	TSFL32-30-CD25-4	4	32	170	38	6			
TSFR20-40-CD25-5	TSFL20-30-CD25-5	5	20	125	40	6	BS0620	S5	CD25N5.00
TSFR25-40-CD25-5	TSFL25-30-CD25-5	5	25	150	40	6			
TSFR32-40-CD25-5	TSFL32-30-CD25-5	5	32	170	40	6			
TSFR40-40-CD25-5	TSFL40-30-CD25-5	5	40	200	40	6	BS0620	S5	CD25N6.00
TSFR20-42-CD25-6	TSFL20-30-CD25-6	6	20	125	42	6			
TSFR25-42-CD25-6	TSFL25-30-CD25-6	6	25	150	42	6			
TSFR32-42-CD25-6	TSFL32-30-CD25-6	6	32	170	42	6	BS0620	S5	CD25N6.00
TSFR40-42-CD25-6	TSFL40-30-CD25-6	6	40	200	42	6			

外圆深端面切槽车刀

TJFR/L□□/□□CD2 □-□

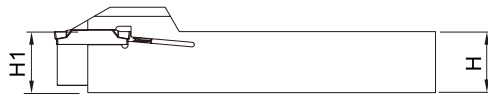
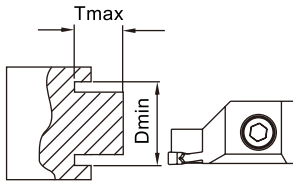


本圖為右手刀 (R) RIGHT HAND SHOWN




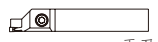
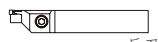
型号 MODEL NO.		尺寸 mm				加工直径范围 Dmin	最大加工深度 Tmax	螺钉	扳手	刀片型号
 正刀	 反刀	W	H H1 B	L	B2					
TJFR20-24/38-CD22-3	TJFL20-24/38-CD22-3	3.0	20	125	20.35	24-38	10	BS0620	S5	CD22N3.00 CD22S3.00
TJFR20-36/60-CD22-3	TJFL20-36/60-CD22-3	3.0	20	125	20.35	36-60	12			
TJFR20-54/82-CD22-3	TJFL20-54/82-CD22-3	3.0	20	125	20.35	54-82	12			
TJFR20-80/120-CD22-3	TJFL20-80/120-CD22-3	3.0	20	125	20.35	80-120	15			
TJFR25-24/38-CD22-3	TJFL25-24/38-CD22-3	3.0	25	150	25.35	24-38	10			
TJFR25-36/60-CD22-3	TJFL25-36/60-CD22-3	3.0	25	150	25.35	36-60	12			
TJFR25-54/82-CD22-3	TJFL25-54/82-CD22-3	3.0	25	150	25.35	54-82	12			
TJFR25-80/120-CD22-3	TJFL25-80/120-CD22-3	3.0	25	150	25.35	80-120	15			
TJFR20-22/36-CD25-4	TJFL20-22/36-CD25-4	4.0	20	125	20.35	22-36	12	BS0620	S5	CD25N4.00 CD22S4.00
TJFR20-28/42-CD25-4	TJFL20-28/42-CD25-4	4.0	20	125	20.35	28-42	15			
TJFR20-34/50-CD25-4	TJFL20-34/50-CD25-4	4.0	20	125	20.35	34-50	15			
TJFR20-42/70-CD25-4	TJFL20-42/70-CD25-4	4.0	20	125	20.35	42-70	15			
TJFR20-62/140-CD25-4	TJFL20-62/140-CD25-4	4.0	20	125	20.35	62-140	18			
TJFR20-124-CD25-4	TJFL20-124-CD25-4	4.0	20	125	20.35	124-∞	18			
TJFR25-22/36-CD25-4	TJFL25-22/36-CD25-4	4.0	25	150	25.35	22-36	12			
TJFR25-28/42-CD25-4	TJFL25-28/42-CD25-4	4.0	25	150	25.35	28-42	15			
TJFR25-34/50-CD25-4	TJFL25-34/50-CD25-4	4.0	25	150	25.35	34-50	15			
TJFR25-42/70-CD25-4	TJFL25-42/70-CD25-4	4.0	25	150	25.35	42-70	15			
TJFR25-62/140-CD25-4	TJFL25-62/140-CD25-4	4.0	25	150	25.35	62-140	18			
TJFR25-124-CD25-4	TJFL25-124-CD25-4	4.0	25	150	25.35	124-∞	18			

外圆深端面切槽车刀

TFR/L□□-□□CD2□-□

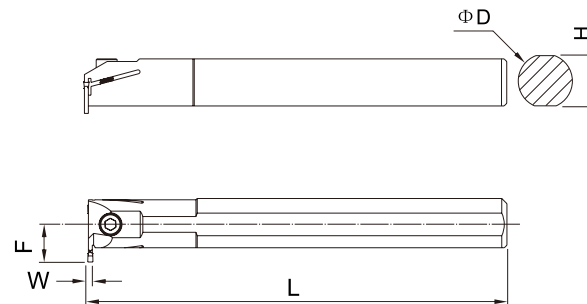
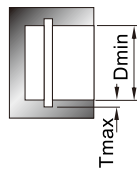


本图例为右手刀 (R) RIGHT HAND SHOWN

型号 MODEL NO.		尺寸 mm			加工直径范围 Dmin	最大加工深度 Tmax	螺钉 	扳手 	刀片型号 
 正刀	 反刀	W	H H1 B	L					
TFR20-24/38-CD22-3	TFL20-24/38-CD22-3	3	20	125	24-38	10	BS0620	S5	CD22N3.00 CD22S3.00
TFR20-36/60-CD22-3	TFL20-36/60-CD22-3	3	20	125	36-60	12			
TFR20-54/82-CD22-3	TFL20-54/82-CD22-3	3	20	125	54-82	12			
TFR20-80-CD25-3	TFL20-80-CD25-3	3	20	125	>80	15			
TFR25-24/38-CD22-3	TFL25-24/38-CD22-3	3	25	150	24-38	10			
TFR25-36/60-CD22-3	TFL25-36/60-CD22-3	3	25	150	36-60	12			
TFR25-54/82-CD22-3	TFL25-54/82-CD22-3	3	25	150	54-82	12			
TFR25-80-CD22-3	TFL25-80-CD22-3	3	25	150	>80	15	BS0620	S5	CD25N4.00 CD22S4.00
TFR20-22/36-CD25-4	TFL20-22/36-CD25-4	4	20	125	22-36	12			
TFR20-28/42-CD25-4	TFL20-28/42-CD25-4	4	20	125	28-42	15			
TFR20-34/50-CD25-4	TFL20-34/50-CD25-4	4	20	125	34-50	15			
TFR20-42/70-CD25-4	TFL20-42/70-CD25-4	4	20	125	42-70	15			
TFR20-62-CD25-4	TFL20-62-CD25-4	4	20	125	>62	18			
TFR25-22/36-CD25-4	TFL25-22/36-CD25-4	4	25	150	22-36	12			
TFR25-28/42-CD25-4	TFL25-28/42-CD25-4	4	25	150	28-42	15			
TFR25-34/50-CD25-4	TFL25-34/50-CD25-4	4	25	150	34-50	15			
TFR25-42/70-CD25-4	TFL25-42/70-CD25-4	4	25	150	42-70	15			
TFR25-62-CD25-4	TFL25-62-CD25-4	4	25	150	>62	18			
TFR32-22/36-CD25-4	TFL32-22/36-CD25-4	4	32	170	22-36	12			
TFR32-28/42-CD25-4	TFL32-28/42-CD25-4	4	32	170	28-42	15			
TFR32-34/50-CD25-4	TFL32-34/50-CD25-4	4	32	170	34-50	15			
TFR32-42/70-CD25-4	TFL32-42/70-CD25-4	4	32	170	42-70	15			
TFR32-62-CD25-4	TFL32-62-CD25-4	4	32	170	>62	18			

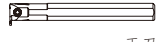

内切槽车刀

TIR/L□□-CD2□□-□



本图例为右手刀 (R) RIGHT HAND SHOWN

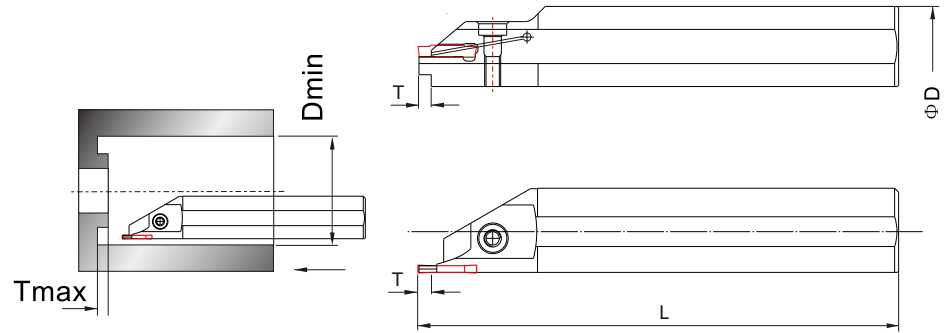


型号 MODEL NO.		尺寸 mm			最小加工直径 D_{min}	最大加工深度 T_{max}	螺钉	扳手	刀片型号
正刀	反刀	W	D	L					
									
TIR20-CD22-2	TIL20-CD22-2	2	20	160	26	3	BS0516	S4	CD22N2.00
TIR25-CD22-2	TIL25-CD22-2	2	25	200	30	3	BS0520		
TIR20-CD22-3	TIL20-CD22-3	3	20	160	26	4.5	BS0616	S5	CD22N3.00 CD22S3.00
TIR25-CD25-3	TIL25-CD25-3	3	25	200	30	4.5	BS0620		
TIR32-CD22-3	TIL32-CD22-3	3	32	250	37	4.5	BS0625		
TIR20-CD25-4	TIL20-CD25-4	4	20	160	26	3.0	BS0616	S5	CD25N4.00 CD22S4.00
TIR25-CD25-4	TIL25-CD25-4	4	25	200	30	5.8	BS0620		
TIR32-CD25-4	TIL32-CD25-4	4	32	250	37	6.5	BS0625		
TIR25-CD25-6	TIL25-CD25-6	6	25	200	30	6.5	BS0620	S5	CD25N6.00
TIR32-CD25-6	TIL32-CD25-6	6	32	250	37	6.5	BS0625		
TIR40-CD25-6	TIL40-CD25-6	6	40	300	46	6.5	BS0630		

内端面槽车刀





用于阀门行业的内端面密封圈槽加工

TFUR□□ - CD2□ / □ / □□



本图例为右手刀 (R) RIGHT HAND SHOWN



型号MODEL NO.  正刀	尺寸 mm			最小加工直径 D_{min}	最大加工深度 T_{max}	螺钉 	扳手 	刀片型号 
	W	D	L					
TFUR20-CD2/4/28	2	20	125	28	4	BS0516	S4	CD22N2.00S-0.2T
TFUR25-CD2/4/28	2	25	150	28	4	BS0520		
TFUR32-CD2/4/28	2	32	180	28	4	BS0616	S5	CD22N3.00S-0.3T CD22S-3.00S-1.50-R
TFUR20-CD3/5/30	3	20	125	30	5	BS0620		
TFUR25-CD3/5/30	3	25	150	30	5	BS0625		
TFUR32-CD3/5/30	3	32	180	30	5	BS0630		
TFUR40-CD3/4/30	3	40	200	30	5	BS0630	S5	CD25N4.00S-0.4T CD22S-4.00S-2.00-R
TFUR20-CD4/5/32	4	20	125	32	5.5	BS0616		
TFUR25-CD4/5/32	4	25	150	32	5.5	BS0620		
TFUR32-CD4/5/32	4	32	180	32	5.5	BS0625		
TFUR40-CD4/5/32	4	40	200	32	5.5	BS0630		

MGMN

双头槽刀片 (通用产品)

MGMN Grooving insert

特点:

刃口较锋利, 铁屑控制好, 通用性极强; 性能超越同类产品。

被加工对象:

不锈钢, 钢件及铸铁加工。

Feature:

Sharp edge, well chip breaking, wide cutting scope, performance exceed similar product.

Application:

Stainless steel, Steel and Cast iron.



		PVD			CVD	加工参数 parameters Vc (mm/min)
		CP2130	CP9030	CP2630	CC1035G	
工件 材质	P 钢件加工 Steel	●	●	●		80-120-160
	P 钢件高速加工 Steel		●		●	150-180-250
	M 不锈钢 Stainless steel	●	●	●		60-80-120
	K 铸铁 Cast iron			●		120-150-200
	S 耐热合金 Heat-resisting steel			●		40-60-80
型号规格						每转进给 f mm
平头	MGMN150-G	●	●	●		0.05-0.06-0.07
	MGMN200-G	●	●	●		0.05-0.07-0.10
	MGMN250-G	●	●	●		0.06-0.08-0.12
	MGMN300-M	●	●	●	●	0.07-0.10-0.20
	MGMN400-M	●	●	●	●	0.10-0.20-0.30
	MGMN500-M	●	●	●	●	0.12-0.25-0.35
	MGMN600-M	●	●	●		0.15-0.25-0.35
圆头	MRMN200-M	●	●	●		0.05-0.06-0.08
	MRMN300-M	●	●	●		0.05-0.08-0.12
	MRMN400-M	●	●	●		0.06-0.10-0.15
	MRMN500-M	●	●	●		0.06-0.10-0.15
平头	MGMN200-T		●	●		0.05-0.07-0.10
	MGMN250-T		●	●		0.07-0.10-0.20
	MGMN300-T		●	●		0.10-0.20-0.30
	MGMN400-T		●	●		

TDC,TDT 双头槽刀片

TDC,TDT Grooving insert

特点:

刃口强壮, 铁屑控制好, 钢件和铸铁专用; 性能超越同类产品。

被加工对象:

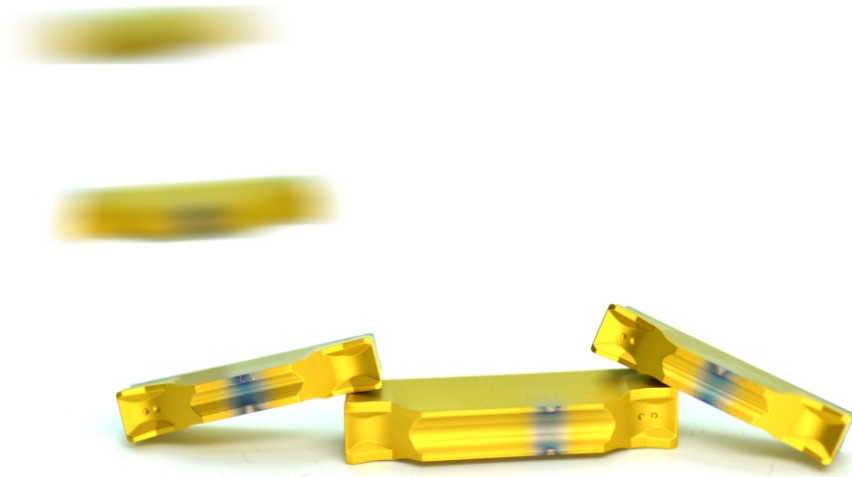
钢件及铸铁加工。

Feature:

Strong edge, well chip breaking, special for steel and cast iron, performance exceed similar product.

Application:

Steel, Cast iron.



		PVD		加工参数 parameters Vc (mm/min)
		CP2430	CP9030	
工件 材 质	P 钢件加工 Steel	●	●	80-120-160
	P 钢件高速加工 Steel	●	●	150-180-250
	M 不锈钢 Stainless steel	●	●	60-80-120
	K 铸铁 Cast iron	●		120-150-200
	S 耐热合金 Heat-resisting steel	●	●	40-60-80
型号规格				每转进给 f mm
平头	TDC 200	●	●	0.05-0.07-0.10
	TDC 300	●	●	0.06-0.08-0.12
	TDC 400	●	●	0.07-0.10-0.20
圆头	TDT 4E-2.0-RU	●	●	0.10-0.20-0.30

ZTXD

小松鼠双头槽刀片

ZTXD Grooving insert

特点:

刃口强壮, 铁屑控制好, 钢件和铸铁专用; 性能超越同类产品。

被加工对象:

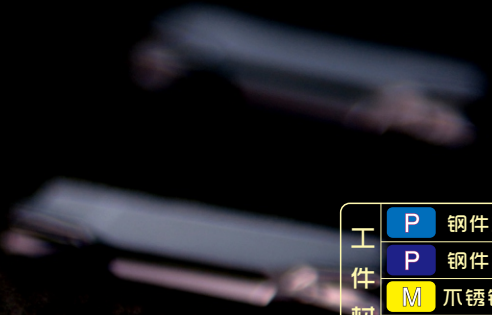
钢件及铸铁加工。

Feature:

Strong edge, well chip breaking, special for steel and cast iron, performance exceed similar product.

Application:

Steel, Cast iron.



		PVD		加工参数 parameters
			CP2630	
工件 材质	P	钢件加工 Steel		80-120-160
	P	钢件高速加工 Steel		150-180-250
	M	不锈钢 Stainless steel		60-80-120
	K	铸铁 Cast iron		120-150-200
	S	耐热合金 Heat-resisting steel		40-60-80
		型号规格		每转进给 f mm
平头	ZTED02503-MG			0.05-0.07-0.10
	ZTFD0303-MG			0.06-0.08-0.12
	ZTGD0404-MG			0.07-0.10-0.20
	ZTHD0504-MG			0.10-0.20-0.30

CUT 精密切槽刀片

CUT Grooving insert

特点:

刃口锋利, 精度高, 通用性强;

被加工对象:

不锈钢, 钛合金, 钢件加工。

Feature:

Sharp edge, high precision, wide cutting scope.

Application:

Stainless steel, Titanium alloy, Steel.



		PVD				硬 质 合 金	加工参数 parameters
		CP9030	CP2630	CP2130	CW20		
工 件 材 质	P 钢件加工 Steel	☺	☺	☺		Vc (mm/min)	80-120-160
	M 不锈钢 Stainless steel	☺	☺	☺			60-80-120
	N 铝合金 Nonferrous meter				☺		180-220-300
	S 耐热合金 Heat-resisting steel			☺			40-60-80
	S 钛合金 Titanium alloy	☺	☺	☺			40-60-80
型号规格							每转进给 f mm
11IR 050,075,080,100CUT		☺	☺	☺	☺		0.03-0.04-0.06
11IR 120,130,150CUT		☺	☺	☺	☺		0.03-0.04-0.06
16I(E) R 050,075,080,100,120CUT(圆头)		☺	☺	☺	☺		0.04-0.05-0.07
16I(E) R 130,150,180,200,250CUT(圆头)		☺	☺	☺	☺		0.04-0.06-0.08

具体尺寸规格详见我公司综合样本。See our comprehensive sample for details.

TGF,GBA

精密槽刀片

TGF,GBA Grooving insert

特点:

刃口锋利, 精度高, 通用性强;

被加工对象:

不锈钢, 钛合金, 钢件加工。

Feature:

Sharp edge, high precision, wide cutting scope.

Application:

Stainless steel, Titanium alloy, Steel.

本产品均采用精磨周边。

		PVD				硬质合金	加工参数 parameters V _c (mm/min)
		CP9030	CP2630	CP2130	CW20		
工件 材质	P 钢件加工 Steel	☺	☺	☺		80-120-160	
	M 不锈钢 Stainless steel	☺	☺	☺		60-80-120	
	N 铝合金 Nonferrous meter				☺	180-220-300	
	S 耐热合金 Heat-resisting steel	☺	☺	☺		40-60-80	
	S 钛合金 Titanium alloy			☺		40-60-80	
型号规格						每转进给 f mm	
TGMF32R/L 025-250		☺	☺			0.03-0.04-0.06	
TGF32R/L 023-250		☺	☺	☺	☺	0.03-0.04-0.06	
TG 43R/L 100-450		☺	☺	☺	☺	0.03-0.04-0.06	
GBA32R/L 050-250		☺	☺	☺	☺	0.04-0.05-0.07	
GBA43R/L 100-450		☺	☺	☺	☺	0.04-0.06-0.08	

具体尺寸规格详见我公司综合样本。See our comprehensive sample for details.



GR

双头精密槽刀片

GR Grooving insert



特点:

刃口锋利, 精度高, 通用性强;

被加工对象:

不锈钢, 钛合金, 钢件加工。

Feature:

Sharp edge, high precision, wide cutting scope.

Application:

Stainless steel, Titanium alloy, Steel.

		PVD			硬质合金	加工参数 parameters V _c (mm/min)
		CP9030	CP2630	CP2130	CW20	
工件材质	P 钢件加工 Steel	☺	☺	☺		80-120-160
	M 不锈钢 Stainless steel	☺	☺	☺		60-80-120
	N 铝合金 Nonferrous meter				☺	180-220-300
	S 耐热合金 Heat-resisting steel	☺	☺	☺		40-60-80
	S 钛合金 Titanium alloy	☺	☺	☺		40-60-80
型号规格						每转进给 f mm
6GR/L 050, 080, 100, 150		☺	☺	☺	☺	0.03-0.04-0.06
7GR/L 050, 080, 100, 150, 200		☺	☺	☺	☺	0.03-0.04-0.06
8GR/L 080, 100, 150, 200, 250		☺	☺	☺	☺	0.04-0.05-0.07
9GR/L 100, 150, 200, 250, 300		☺	☺	☺	☺	0.04-0.06-0.08

具体尺寸规格详见我公司综合样本。See our comprehensive sample for details.

WCG(M)X 钻头刀片

WCG(M)X Drilling insert



特点:

切削阻力小, 铁屑控制好, 高品质, 高稳定性的通用产品;
性能超越进口同类顶级产品。

Feature:

Low cutting resistance, well chip breaking, high quality & stability.

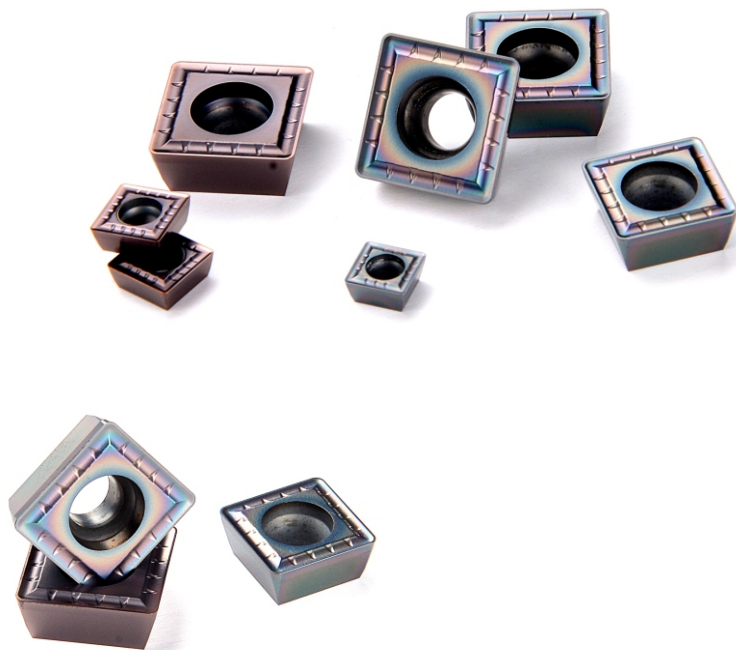
Performance exceed famous brand.

		PVD			加工参数 parameters
		CP9030	CP2430	CP8130	
工件 材 质	P 钢件加工 Steel	✘	●	●	80-120-160
	M 不锈钢 Stainless steel	✘	●	●	60-80-120
	K 铸铁 Cast iron		●	●	120-150-200
	S 钛合金 Titanium alloy	✘	●		40-60-80
	S 耐热合金 Heat-resisting steel	✘	●	●	40-60-80
型号规格					f (mm/rev)
压制	WCMX030208-U	✘	●	●	0.05-0.08
	WCMX040208-U	✘	●	●	0.06-0.09
	WCMX050308-U	✘	●	●	0.07-0.10
	WCMX06T308-U	✘	●	●	0.08-0.12
	WCMX080412-U	✘	●	●	0.10-0.15
磨制 peripheral grinding	WCGX030208-ZK	✘	●	●	0.05-0.08
	WCGX040208-ZK	✘	●	●	0.06-0.09
	WCGX050308-ZK	✘	●	●	0.07-0.10
	WCGX06T308-ZK	✘	●	●	0.08-0.12
	WCGX080412-ZK	✘	●	●	0.10-0.15

● : 首选; ○ 可选 ● : 连续加工 ● : 不规则形状加工 ✘ : 断续加工

SPG(M)T 钻头刀片

SPG(M)T Drilling insert



特点:

切削阻力小，铁屑控制好，高品质，高稳定性的通用产品；
性能超越进口同类顶级产品。

Feature:

Low cutting resistance, well chip breaking, high quality & stability.

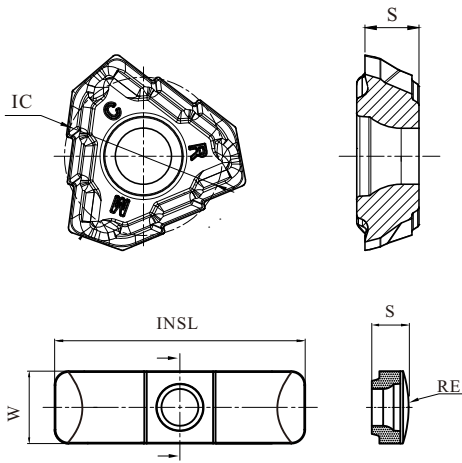
Performance exceed famous brand.

		PVD			加工参数 parameters
		CP9030	CP2430	CP8130	
工件 材 质	P 钢件加工 Steel	✚	●	●	Vc (mm/min) 80-120-160
	M 不锈钢 Stainless steel	✚	●	●	60-80-120
	K 铸铁 Cast iron		●	●	120-150-200
	S 钛合金 Titanium alloy	✚	●		40-60-80
	S 耐热合金 Heat-resisting steel	✚	●	●	40-60-80
型号规格					f (mm/rev)
压制	SPMT050204-U	✚	●	●	0.05-0.08
	SPMT060204-U	✚	●	●	0.06-0.09
	SPMT07T308-U	✚	●	●	0.07-0.10
	SPMT090408-U	✚	●	●	0.08-0.12
	SPMT110408-U	✚	●	●	0.10-0.14
	SPMT140508-U	✚	●	●	0.12-0.18
磨制 peripheral grinding	SPGT050204-CM	✚	●	●	0.05-0.08
	SPGT060204-CM	✚	●	●	0.06-0.09
	SPGT07T308-CM	✚	●	●	0.07-0.10
	SPGT090408-CM	✚	●	●	0.08-0.12
	SPGT110408-CM	✚	●	●	0.10-0.14
	SPGT140508-CM	✚	●	●	0.12-0.18

● : 首选; ○ 可选 ● : 连续加工 ● : 不规则形状加工 ✚ : 断续加工

TOHT 枪钻刀片及GP 导条

TOHT Gun drill insert and GP guide pads insert



		PVD			加工参数 parameters				
		CP8130	CP9030	CPA3130	V _c (mm/min)				
工件 材质	P 普通钢加工 Steel 20CrMoTi, S50C,40Cr,SCM440	●	●		80-140				
	P 模具钢加工 Mould Steel P20H,718H,S316H,NAK80	●	●		40-120				
	M 不锈钢 Stainless steel SUS201,304,316,430,630	●	●		60-100				
	K 铸铁 Cast iron QT300-700,HT200-500,FC&FCD Type	●		●	80-160				
	S 耐热合金 Heat-resisting steel Inconel 718,713	●	●		20-50				
	S 钛合金 Titanium alloy Ti-6Al-4V		●		20-50				
	型号规格	钻孔范围Dmm	IC	S	每转进给 f mm				
刀片 Gun drill	TOHT070304R-CM	14 - 15.99	7.69	2.3	●	●	●	0.04-0.10	
	TOHT080305R-CM	16 - 18	8.55	2.8	●	●	●	0.04-0.12	
	TOHT090305R-CM	18.01 - 20	9.22	3.0	●	●	●	0.05-0.14	
	TOHT100305R-CM	20.01 - 21.99	10.13	3.3	●	●	●	0.05-0.16	
	TOHT110405R-CM	22 - 25	11.30	3.8	●	●	●	0.05-0.18	
	TOHT120405R-CM	25.01 - 28	12.49	4.3	●	●	●	0.05-0.20	
	型号规格	钻孔范围Dmm	W	INSL	S	RE			
导向条 Guide pads	GP05-060	14 - 15.99	5	18	2.5	65	●		
	GP05-075	16-18	5	18	2.5	75	●		
	GP06-085	18.01-21	6	20	3	85	●		
	GP06-100	21.01-25	6	20	3	100	●		
	GP06-120	25.01-33	6	20	3	120	●		

用于加工直径 $\phi 14-28\text{mm}$, 钻孔深度 $14\text{D}-28\text{D}$.

Drill body for gundrill machine, Tool diameter $\phi 14 - \phi 28 \text{ mm}$. Drilling depth $14-28\text{D}$

矢志不渝

追求完美

