专注于加工：

Focus on processing

钛合金

Titanium alloy

高温合金

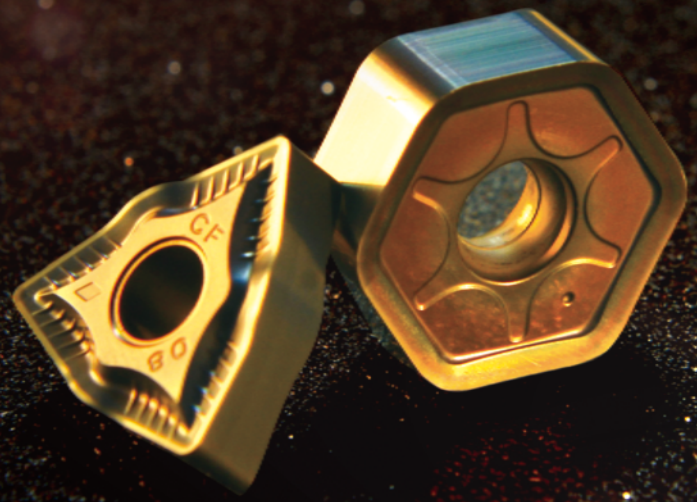
High temperature alloy

不锈钢

Stainless steel

难加工材料

Meterials of difficult machinability



2020年中机数控刀具画册

2020 CNC cutting tool album

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，为客户量身订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 meticulosity 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.

CRaftsMan

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

CRaftsMan

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	CP2630T CP2640T		M P		首选通用材质，不锈钢，高温合金，钛合金，钢件加工，适合强断续加工。 First choice, Stainless steel, Steel, high temperature alloy, Titanium alloy For Strong intermittent machining.
	CP1120		M P		易车铁，软钢及不锈钢低速切削,常用于走心机加工。 Easy to machine steel , low-carbon steel&Stainless steel For Low speed cutting.
	CP2130		M		通用性极强的不锈钢加工材质，适合于中低速加工(Vc<120m/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 CP2430G		M H		HRC45-55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		M S H		钛合金、高温合金精加工、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.
NEW	CPA2130K CPA2140K		M S		双向不锈钢，高温合金强断续粗加工。 Duplex stainless steel and high temperature alloy For Strong intermittent rough machining.
NEW	CP8130		M S		不锈钢及钢加工。 Stainless steel and steel processing.
NEW	CP9030		M S		优异的槽刀片专用材质。 Grooving insert.
CVD涂层 化学涂层 CVD Coating	CC2135		M S		高温合金及不锈钢高速加工，适合于Vc=110-250m/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 = 110-250m / min.
NEW	CC1125		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		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.
NEW	CC730 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
大道至簡
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
CMA.CP2630T

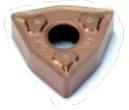

15P
AU.CPA2630T


15P
CM.CP2630T

马氏体不锈钢
201, 420, 440
Vc=80-180m/min


13-14P
CMA.CP2630T


15P
CMA.CPA2130K

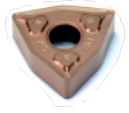

15P
CM.CC2135

奥氏体不锈钢
303,304,316
Vc=60-160m/min


13-14P
CM.CP2630T


13-14P
AU.CP2630T

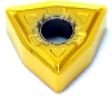

CMA.CP2630T

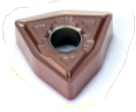

13-14P
CM.CC2135

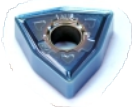
Vc=150~220m/min
高速切削 High speed

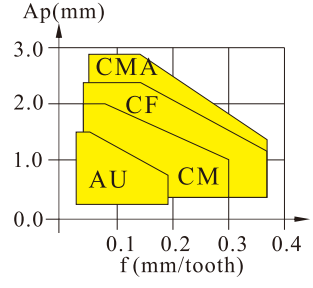
精加工 Finishing

Vc=100-180m/min

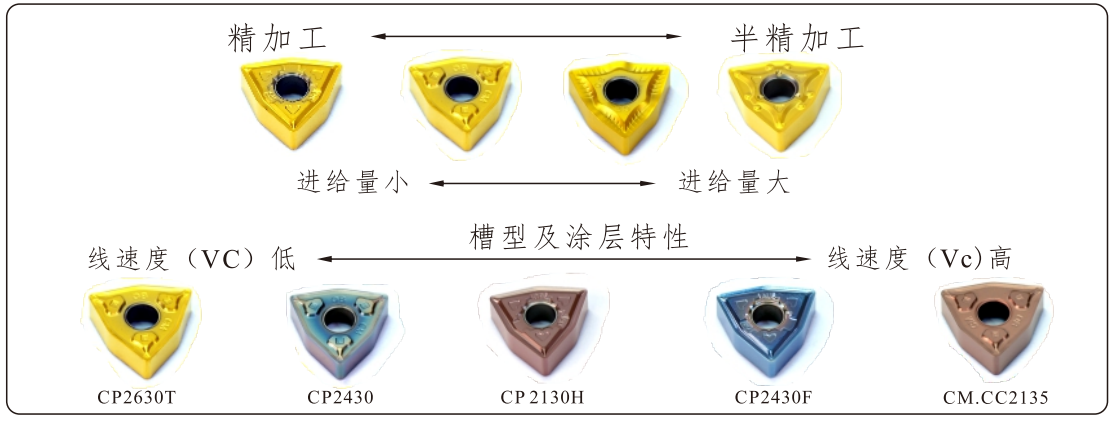

12P
AU.CP2630T


12P
AU.CP2130H


13-14P
AU.CP2430F



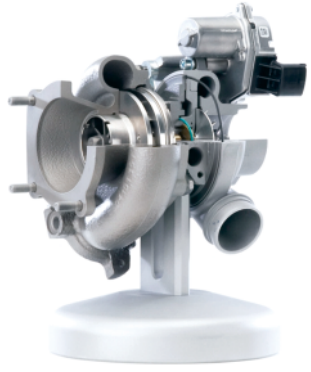
不锈钢
Stainless steel



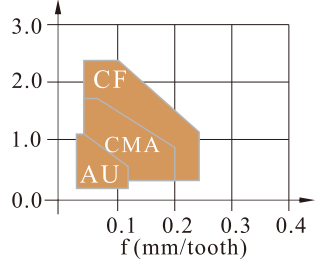
与众不同

大道至簡

Greatness in Simplicity



Ap(mm)



高温合金

Heat-resisting steel

半精加工
Semi

钴基高温合金
Hayness188
Vc=30-50m/min


12P

12P

CF.CP2640T　CF.CPA2140K

铁基高温合金
12Cr2MoWSiVTiB
Vc=50-100m/min


12P

12P

15P

CF.CP2640T　CF.CPA2140K　CM.CC2135

镍基高温合金
1.4848, 1.4837
Vc=50-80m/min


12P

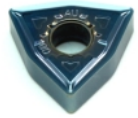
12P

15P

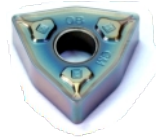
CF.CP2640T　CF.CPA2140K　CM.CC2135

精加工
Finishing

Vc=50-100m/min


AU.CP2430F

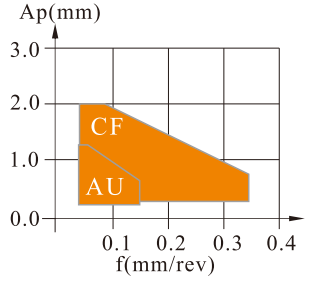

12P
CF.CP2430F


16P
CM.CP2430


AU.CP2630T



矢志不渝　追求完美

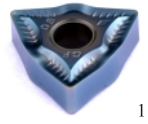


钛合金
Titanium alloy

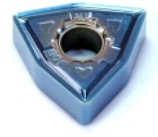


半精加工
Semi
精加工
Finishing

钛合金
TC4,TC18
Vc=50-80m/min


15P
CF.CP2430F

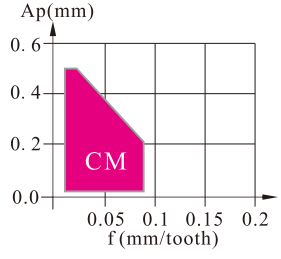

12P
CF.CP2630T


AU.CP2430F

精加工
Finishing

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


16P
CM.CP2430



淬火钢
HRC40-63
hardened steel

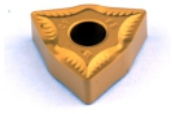
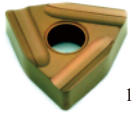
CRaFtsMan

矢志不渝　追求完美

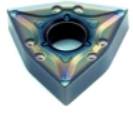
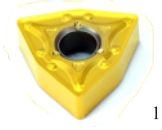
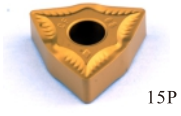
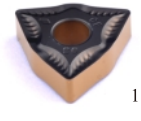
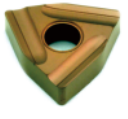
钢 Steel

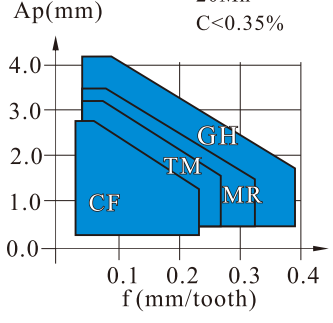
半精加工 粗加工 Semi Round

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

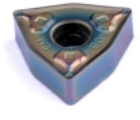
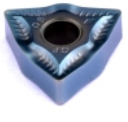
- 低速 PVD涂层 Vc=60-150m/min
  - 强断续加工 及连续加工
    - 
    - 16P
    - AU.CP2630T
- 中高速 CVD涂层 Vc=150-350m/min / Vc=150-220m/min
  - 不规则加工 强断续加工
    - 
    - 18P
    - TM.CC1135G
    - 
    - 16P
    - MR.CC1135G, CC740G
    - 
    - 18P
    - GH.CC740G
    - 
    - 18P
    - R/L-ZC.CC740G

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
    - 
    - 16P
    - CMA.CP2430
    - 
    - 15P
    - CMA.2630T
- 中高速 CVD涂层 Vc=150-180m/min / Vc=150-350m/min
  - 断续加工 不规则加工
    - 
    - 15P
    - CF.CC1035G
    - 
    - 15P
    - CF.CC1135G
    - 
    - 18P
    - GH.CC740G
    - 
    - 18P
    - R/L-TC.CC740G
- 高速 金属陶瓷 Cermemt Vc=150-300m/min
  - 连续加工
    - 
    - 17P
    - TM.CTP20
    - 
    - 18P
    - R/L-TC.CTP20



精加工 Finishing

- 低速 PVD涂层 Vc=80-180m/min
  - 强断续加工
    - 
    - 16P
    - CM.CP2430
    - 
    - 15P
    - CF.CP2430H
- 高速 CVD涂层 Vc=150-350m/min
  高速 金属陶瓷 Cermemt
  - 不规则加工 连续加工
    - 
    - 15P
    - CM.CC1125
    - 
    - 15P
    - CQ.CC1235G
    - 
    - 17P
    - TM.CTP20

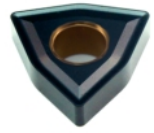
精加工
粗加工
Finishing
Round

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



18P

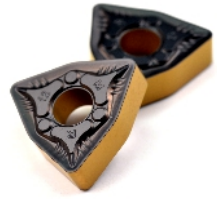
MR.CC740G
球墨及蠕墨铸铁
Ductile cast iron
Vermicular cast iron



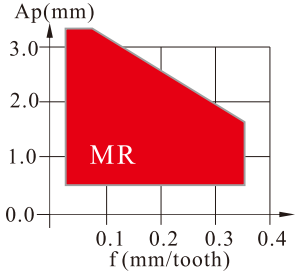
GH.CC3110
灰口及球磨铸铁
Gray&Ductile cast iron



GH.740G



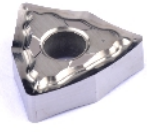
MR.CC740G
镍基铸铁
Nickel base cast iron



铸铁
Cast iron

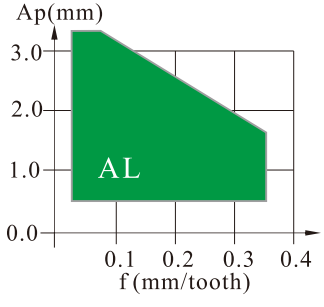
精加工
粗加工
Finishing
Round

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



20P

AL.CW20

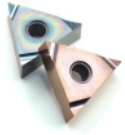


铝合金
Aluminium alloy

CRAFTSMAN

矢志不渝　追求完美

外圆加工



R/L-S

超精加工
Super finishing



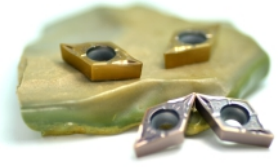
R/L-Y

精加工
finishing



R/L-U

大切深,低进给加工
Large Cutting Depths
and Low feed



CF

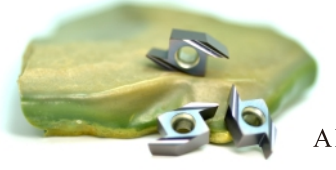
精加工
finishing



CM

精及半精加工
finishing and semi-finishiing

后阶段加工



ABS

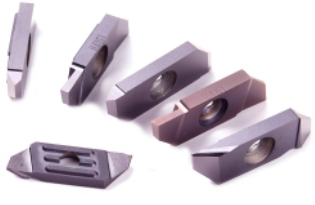
CP1120: 低碳钢，易车铁，不锈钢，钛合金的低速加工；

CP2130: 中碳钢及不锈钢中速加工；

CP2630T:钢， 不锈钢高速加工；

CP2430F: 难加工材料加工专用.

切断,切槽



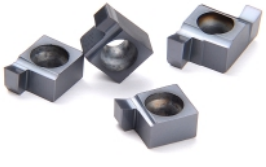
CMTPR/L



TGF,RGB



-CUT



GR

小径整体合金镗刀









性能卓越

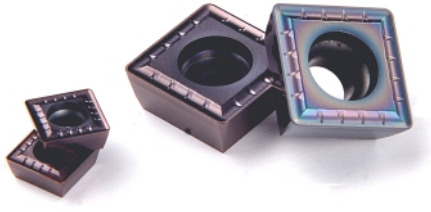
矢志不渝 追求完美

Passionate pursuit of perfection

切槽刀片 Grooving insert



U钻刀片 U Drilling Insert

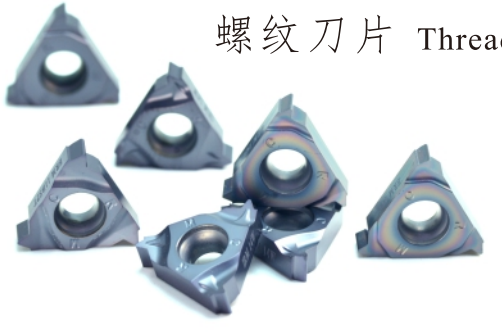


SPG(M)T



WCG(M)X

螺纹刀片 Thread insert



Excellent performance

切削参数
Cutting parameters

常用计算公式 Commonly used formula

转速 S
Speed

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

Dc:工件直径 (Workpiece diameter)

切削速度(线速度)Vc
Linear velocity

$$Vc = \frac{S \times 3.14 \times Dc}{1000} \quad (m/min)$$

每分钟切削长度 F
Cutting length per minute

$$F = f \times S \times T \quad (mm/min)$$

每齿进给量 f
(Feed per tooth)

$$f = \frac{F}{S \times T} \quad (mm/tooth)$$

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

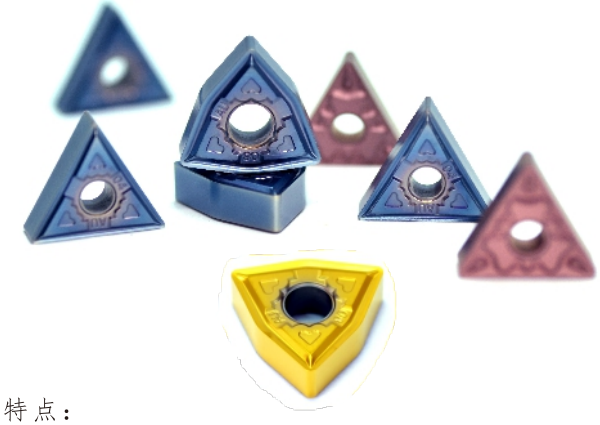
表面粗糙度　Surface roughness

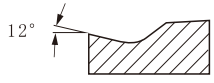
表面粗糙度 Ra um	刀尖圆角 re (mm)						
	0.1	0.2	0.4	0.8	1.2	1.6	2.4
	□□□ f (mm/tooth)						
0.8	0.04	0.06	0.08	0.12	0.14	0.17	0.21
1.6	0.06	0.10	0.14	0.20	0.24	0.28	0.34
3.2		0.14	0.20	0.28	0.34	0.39	0.48
6.3			0.27	0.39	0.48	0.56	0.68
8.0				0.44	0.54	0.63	0.77

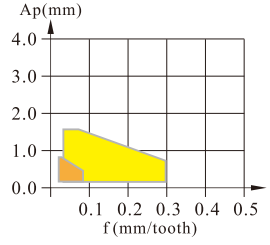
AU Turning insert

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		
		CP2630T	CP2430F	加工参数 parameters Vc (mm/min)
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	✲	○	40-60-80
	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-AU		✱	●	Mitsubishi:MS,SH Kyocera:HQ Taegutec: SF Sandivik:MF
TNMG160404, 08-AU		✱	●	
WNMG080404, 08-AU		✱	●	

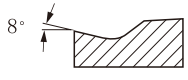
●：首选；○可选　●：连续加工 ◐：不规则形状加工　✱：断续加工

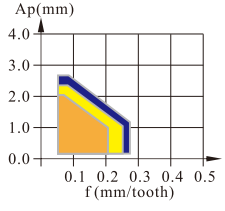
-CM Turning insert

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。

CP2630T: 通用加工材质 ；

CP2640T: 强断续加工材质；

CP2130: 不锈钢中低速加工 Vc=50-130m/min 。

CP2430: 高温合金精加工，钛合金加工，不锈钢，淬火钢加工；

CC2135: 不锈钢及高温合金高速加工Vc=150-250m/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.

CP2630T: Universal grade .

CP2640T: Strong intermittent processing .

CP2130: Stainless steel machining (VC = 50-130m / min)

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

CC2125: High speed machining of stainless steel and Heat resisting alloy,
Vc=150-250m/min(stainless steel).

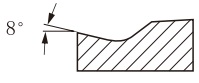
		PVD			CVD		
		CP2630T CP2640T	CP2130	CP2430	CC2135		加工参数 parameters
							Vc (mm/min)
工件材质	P 低碳钢精加工 Steel finishing	✱	✱		●		150-220-280
	P 淬火钢加工 Hardened steel			●			30-50-80
	M 不锈钢 Stainless steel	✱	✱	●	●		60-120-180
	S 钛合金 Titanium alloy						40-60-80
	S 耐热合金 Heat-resisting steel	✱		●	●		40-70-90
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		✱	✱	●	●		
CNMU09T304, 08-CM		✱	✱	●			
TNMU120304, 08-CM		✱	✱	●			

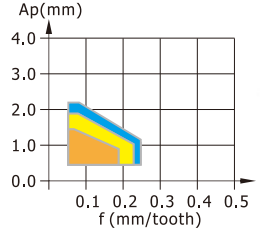
CM Turning insert

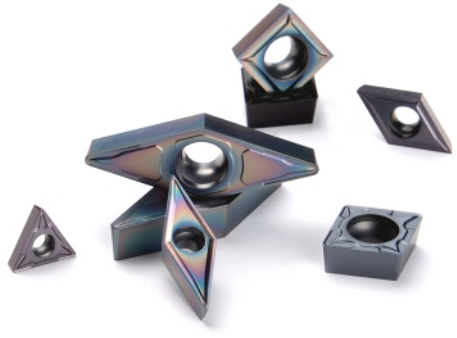
-精加工及半精加工车削刀片

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。

CP2630T: 通用加工材质;

CP2130：通用不锈钢中低速加工材质, Vc=50-130mm/min;

CP2430F: 高温合金精加工，钛合金加工，不锈钢高速加工;

CC2135: 不锈钢及高温合金高速加工Vc=150-250m/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.

CP2630T: Universal grade .

CP2130: Universal grade for stainless steel. Vc=50-130mm/min.

CP2430F: Heat resisting alloy,Titanium alloy, Stainless steel with high speed working.

CC2125: High speed machining of stainless steel and superalloy, Vc=150-250m/min.

		PVD			CVD		
		CP2630T	CP2130	CP2430F	CC2135		加工参数 parameters
							Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	✱			◐		80-150-180
	P 淬火钢加工 hardened steel			●			30-50-80
	M 不锈钢 Stainless steel	✱	✱		◐		60-120-160
	S 钛合金 Titanium alloy	✱		◐			40-60-80
	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 Sandivik: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		✱	✱	◐			

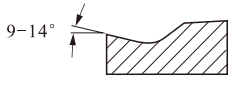
CF Turning insert

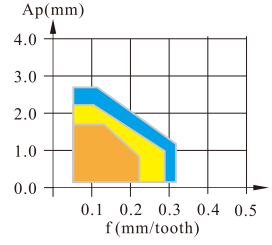
一精加工及半精加工车削刀片

Finishing & Semi-finishing

自主研发专利槽型 Patented

CF槽型专注于难加工材料
加工克星：蓝魔系列





CPA2140K : 高温合金粗加工专用；

CPA2140K : Special for high temperature alloy processing

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：

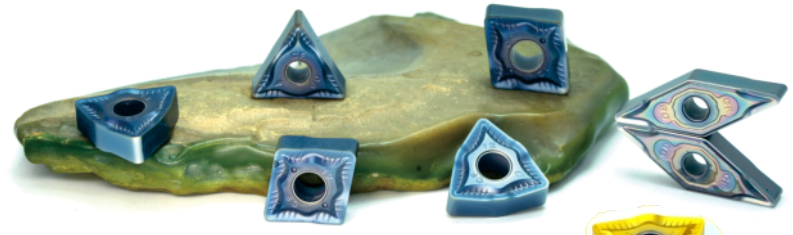
不锈钢，**钛合金，高温合金**，淬火钢，低碳钢首选。

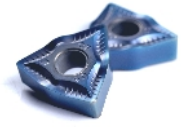
Feature:

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		
		CP1120	CP2630T CP2640T	CP2430F	CPA2140K	CC1035	CC1135G	加工参数 parameters Vc (mm/min)
工件材质	P 低碳钢加工 Steel	✱	✱			✱	●	60-120-250
	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		✱	●				40-60-80
	S 耐热合金 Heat-resisting steel		✱	●	✱			60-80-100
常用型号规格								断屑槽对应表
	CNMG120404-CF		✱	●		✱	●	
	CNMG120408,12-CF		✱	●	✱	✱	●	
	DNMG150404&08-CF		✱	●				
	DNMG150604&08-CF		✱	●				Mitsubishi : MJ
NEW	TNGG160401-CF	✱	✱	●				Kyocera : TK
	TNGG160402-CF	✱	✱	●				Taegutec : ML
	TNMG160404&08,12-CF		✱	●		✱	●	Sandvik : SF
NEW	VNMG12T304&08-CF		✱	●				Tungaloy : SS
	VNMG160404&08-CF		✱	●				
	WNMG080404-CF		✱	●		✱	●	
	WNMG080408&12-CF		✱	●	✱	✱	●	

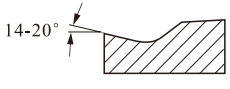
CP1120专用于易车铁及低碳钢加工(CP1120 is specially used for low carbon steel processing)

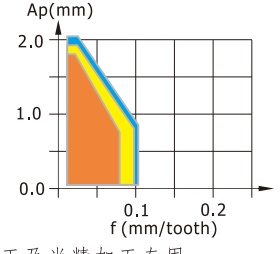
CF Turning insert

一超精加工车削刀片

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。

CP1120专用低碳钢,钛合金及不锈钢的低速加工.

Feature:

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

Application:

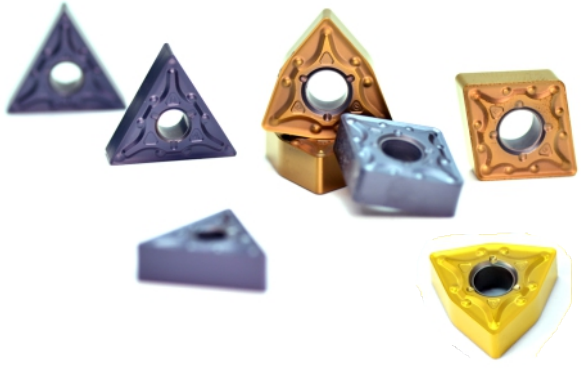
First choice for Stainless steel, Titanium alloy, Heat resisting alloy, Hardened steel, Low-carbon steel. Low speed machining of low carbon steel, titanium alloy and stainless steel for cp1120

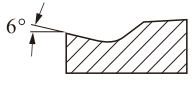
		PVD				
		CP1120	CP2630T	CP2430F	CP2130H	加工参数 parameters Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	✱	✱	✱	✱	50-120-180
	P 淬火钢加工 hardened steel			●		30-100-150
	M 不锈钢 Stainless steel	✱	✱		✱	40-60-80
	S 钛合金 Titanium alloy	✱	✱	✱	✱	40-60-80
	S 耐热合金 Heat-resisting steel		✱	✱	✱	200-300-400
常用型号规格						断屑槽对应表
CCGT060201 - CF		✱	✱	✱	✱	
CCGT060202 - CF		✱	✱	✱	✱	槽型：
CCGT09T301 - CF		✱	✱	✱	✱	Tungaloy : JS
CCGT09T302 - CF		✱	✱	✱	✱	Kyocera : GF
CCGT09T304 - CF		✱	✱	✱	✱	NTK : CL
DCGT070201 - CF		✱	✱	✱	✱	
DCGT070202 - CF		✱	✱	✱	✱	材质：
DCGT11T301 - CF		✱	✱	✱	✱	CP1120= SH730 PR930 TM4,QM3
DCGT11T302 - CF		✱	✱	✱	✱	
DCGT11T304 - CF		✱	✱	✱	✱	CP2630T= AH725 PR1225 DM4
VBGT110301 - CF		✱	✱	✱	✱	
VBGT110302 - CF		✱	✱	✱	✱	
VCGT110301 - CF		✱	✱	✱	✱	CP2430F= PR1525
VCGT110302 - CF		✱	✱	✱	✱	
VPGT110301 - CF		✱	✱	✱	✱	
VPGT110302 - CF		✱	✱	✱	✱	

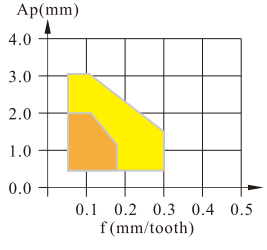
CMA Turning insert

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,

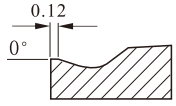
Heat resisting alloy, Hardened steel, Low-carbon steel.

		PVD		CVD	
		CP2630T	CP2130H	CC740G	加工参数 parameters Vc (mm/min)
工件材质	P 钢件加工 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		✱	✱	✱	
CNMG1204 08-CMA		✱	✱	✱	
CNMG120412-CMA		✱	✱	✱	
DNMG150404-CMA		✱	✱	✱	
DNMG150408-CMA		✱	✱	✱	
DNMG150604-CMA		✱	✱	✱	
DNMG150608-CMA		✱	✱	✱	
SNMG120404-CMA		✱	✱	✱	Mitsubishi: MA
SNMG1204 08-CMA		✱	✱	✱	Kyocera: PG,MS,PS
SNMG120412-CMA		✱	✱	✱	Taegutec: PC,MT
TNMG160404-CMA		✱	✱	✱	Tungaloy: TM
TNMG160408-CMA		✱	✱	✱	
TNMG160412-CMA		✱	✱	✱	
VNMG160404-CMA		✱	✱	✱	
VNMG160408-CMA		✱	✱	✱	
VNMG160412-CMA		✱	✱	✱	
WNMG080404-CMA		✱	✱	✱	
WNMG080408-CMA		✱	✱	✱	
WNMG080412-CMA		✱	✱	✱	

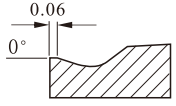
XM1 Turning Insert

一精及半精加工车削刀片

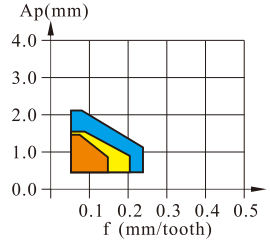
Semi-finishing



M级精度
M glass



G级精度
G glass





正角刀片 Positive turning		PVD CP2630T	PVD CP2430	PVD CP2130H	加工参数 parameters Vc (mm/min)
工件材质	P 钢件加工 Steel	✱	●	✱	120-210
	P HRC40-60淬火钢加工 Steel		●		50-100
	K 铸铁 Cast iron				120-210
	M 不锈钢 Stainless steel	✱	●	✱	60-180
	S 耐热合金 Heat-resisting steel	✱	●	✱	40-70
常用型号规格					断屑槽对应表
G级磨制	CCGT060204, 08-XM1	✱	●	✱	Mitsubishi(三菱):-无代码 Kyocera(京瓷):-GK Taegutec(特固克): -MT Tungaloy(泰柯洛):-PM
	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	✱	●	✱	

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；

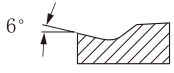
被加工对象： 钢件加工。

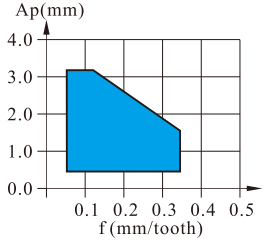
Feature:

Sharp edge, well chip breaking, semi-finishing.

Application: Steel.







负角刀片
Negative turning

工件材质		PVD CP2630T	CVD CC1135G	CTP20	加工参数 parameters Vc (mm/min) PVD CP2630T	CVD及金属陶瓷 CC1135G,CTP20
P	软钢及钢件加工 Steel	✱	✱	✱	120-170-210	180-240-280
P	锻钢及铸钢加工 Steel	✱	✱	✱	80-150-180	180-220-250
P	HRC40-50淬火钢加工 Steel	✱			60-80-120	
K	铸铁 Cast iron					

常用型号规格	PVD CP2630T	CVD CC1135G	CTP20	断屑槽对应表
CNMG120404-TM	✱	✱	✱	
CNMG120408-TM	✱	✱	✱	
CNMG120412-TM	✱	✱	✱	
DNMG150404-TM	✱	✱	✱	
DNMG150408-TM	✱	✱	✱	
DNMG150604-TM	✱	✱	✱	
DNMG150608-TM	✱	✱	✱	
SNMG120404-TM	✱	✱	✱	Mitsubishi: MA
SNMG120408-TM	✱	✱	✱	Kyocera: PG,PS
SNMG120412-TM	✱	✱	✱	Taegutec: MT
TNMG160404-TM	✱	✱	✱	Tungaloy: 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：

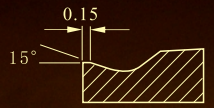
钢件及铸铁（球墨及镍基铸铁）加工。

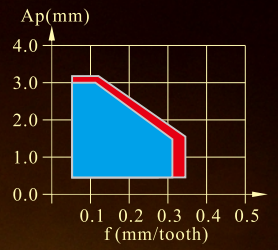
Feature:

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 CC1135G	CVD CC740G	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			✱	✱	
CNMG160608, 12, 16-MR			✱	✱	Mitsubishi(三菱)：
CNMG190616, 24-MR			✱	✱	MA
DNMG150404, 08-MR			✱	✱	Kyocera(京瓷)：
DNMG150604, 08-MR			✱	✱	PS，-GC，全周槽型
SNMG120404, 08, 12-MR			✱	✱	Taegutec(特固克)：
SNMG150608, 12, 16, 24-MR			✱	✱	MG槽型
TNMG160404, 08-MR			✱	✱	Sandivik(山特维克)：
TNMG220408, 12-MR			✱	✱	P,-PR,-KM槽型
VNMG160404, 08-MR			✱	✱	Tungaloy(泰柯洛)：
WNMG080404, 08 ,12-MR			✱	✱	TM，全周槽型

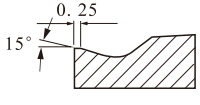
● ：首选；● 可选　　● ：连续加工 C ：不规则形状加工　✱ ：断续加工

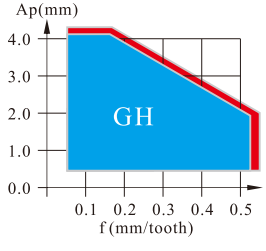
GH Turning insert

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		
		CC740G	CC3110	加工参数 parameters
				Vc (mm/min)
工件材质	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		✱	●	全周型
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		✱	●	

R/L-TC Turning insert

粗加工车削刀片

Rough machining

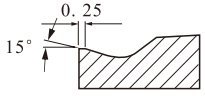


特点：

刃口强壮；

被加工对象：

钢件粗加工。

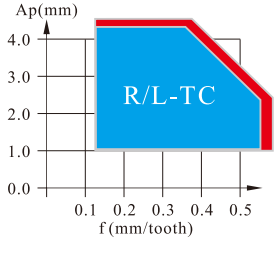


Feature:

Strong blade.

Application:

Rough machining of steel .



		CVD			
		CC1135G	CC740G	CTP20	加工参数 parameters
					Vc (mm/min)
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-TC		✱	✱	✱	
CNMG1204 08R/L-TC		✱	✱	✱	
CNMG120412R/L-TC		✱	✱	✱	
TNMG160404R/L-TC		✱	✱	✱	
TNMG160408R/L-TC		✱	✱	✱	
TNMG160412R/L-TC		✱	✱	✱	
SNMG120408R/L-TC		✱	✱	✱	
SNMG120412R/L-TC		✱	✱	✱	
WNMG080408R/L-TC		✱	✱	✱	
WNMG080408R/L-TC		✱	✱	✱	
WNMG080412R/L-TC		✱	✱	✱	

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。

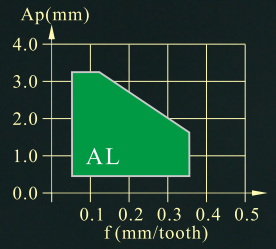
Feature:

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

Application:

Auminium alloy working.





负角刀片

Negative turning

		硬质合金 CW20		加工参数 parameters Vc (mm/min)
工件材质	N 铝合金加工 Auminium 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 C ：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：

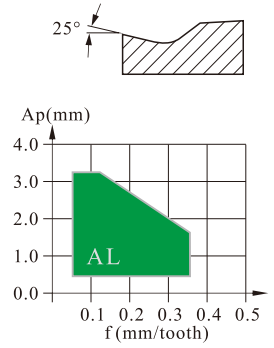
铝合金加工最佳选择。

Feature:

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

Application:

Auminium alloy working.



正角刀片
Positive turning

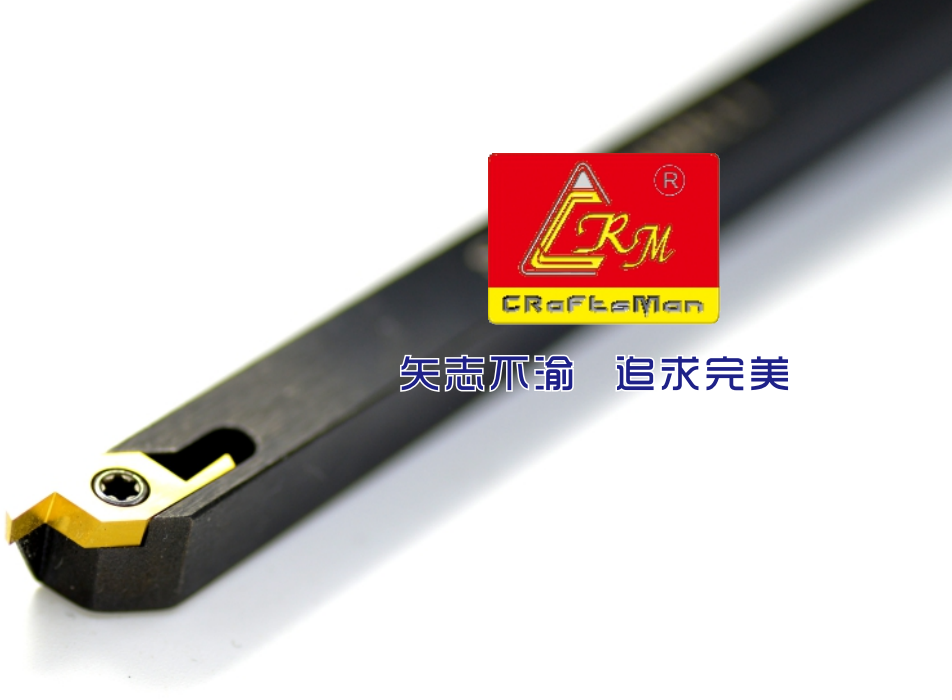
工件材质		CW20	CP2130	加工参数 parameters Vc (mm/min)
N	铝合金加工 Auminium alloy	✱		250-300-400
N	有色金属 Nonferrous metal	✱	✱	150-200-280
S	钛合金 Titianium alloy		✱	40-60-80

常用型号规格			断屑槽对应表
CCGT060202, 04, 08-AL	✱	✱	Kyocera: -AH Taegutec:-FL Tungaloy:-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

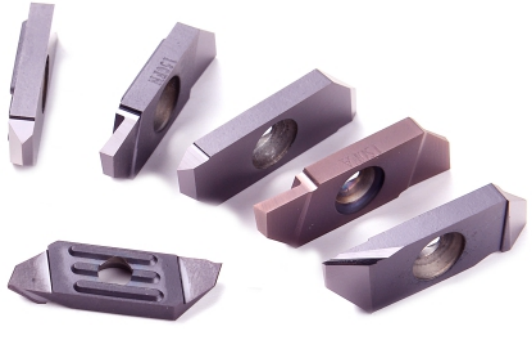
Recision small parts processing

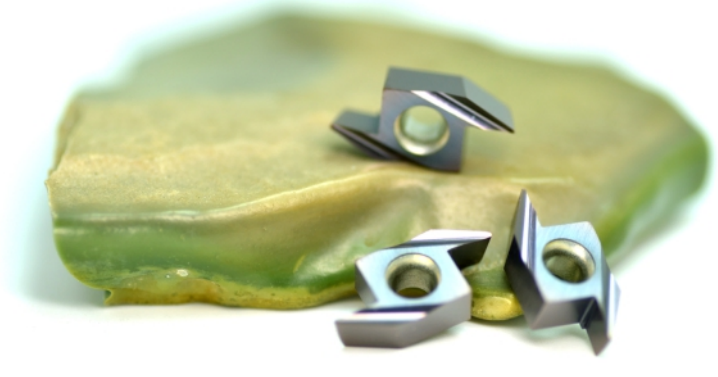




CRaFtsMan

矢志不渝　追求完美



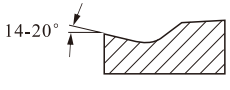


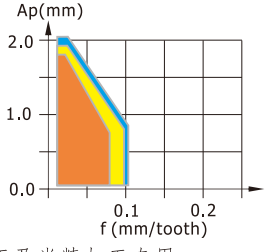
CF Turning insert

一超精加工车削刀片

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。

CP1120专用易车铁,钛合金及不锈钢的低速加工.

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
		CP1120	CP2130	CP2430F	CP2630T	Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	✱	✱	✱	✱	50-120-180
	P 淬火钢加工 hardened steel			●		30-100-150
	M 不锈钢 Stainless steel	✱	✱		✱	40-60-80
	S 钛合金 Titanium alloy	✱	✱	✱	✱	40-60-80
	S 耐热合金 Heat-resisting steel		✱	✱	✱	200-300-400
常用型号规格						断屑槽对应表
CCGT060201 - CF		✱	✱	✱	✱	
CCGT060202 - CF		✱	✱	✱	✱	
CCGT09T301 - CF		✱	✱	✱	✱	
CCGT09T302 - CF		✱	✱	✱	✱	
CCGT09T304 - CF		✱	✱	✱	✱	
DCGT070201 - CF		✱	✱	✱	✱	
DCGT070202 - CF		✱	✱	✱	✱	
DCGT11T301 - CF		✱	✱	✱	✱	
DCGT11T302 - CF		✱	✱	✱	✱	
DCGT11T304 - CF		✱	✱	✱	✱	
VBGT110301 - CF		✱	✱	✱	✱	
VBGT110302 - CF		✱	✱	✱	✱	
VCGT110301 - CF		✱	✱	✱	✱	
VCGT110302 - CF		✱	✱	✱	✱	
VPGT110301 - CF		✱	✱	✱	✱	
VPGT110302 - CF		✱	✱	✱	✱	

槽型：

Tungaloy : JS

Kyocera : GF

NTK : CL

材质：

CP1120=
SH730
PR930
TM4,QM3

CP2630T=
AH725
PR1225
DM4

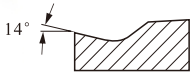
CP2430F=
PR1525

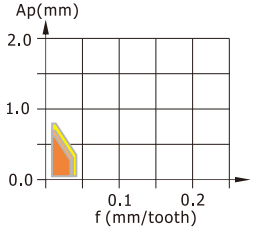
R/L-S Turning insert

一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。

CP2130: 通用加工材质，中低速加工；

CP1120: 易车铁及软钢加工材质，低速加工；

CP8130: 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.

CP2130: General processing materials, Low speed machining.

CP1120: Low carbon steel processing, Low speed machining.

CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

正角刀片 Positive turning

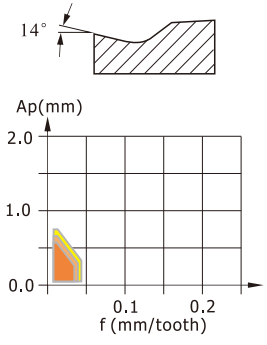
工件材质		PVD CP2130	PVD CP1120	PVD CP8130	金属陶瓷 CT20	加工参数 parameters Vc (mm/min)
P	软钢及钢件精加工 Steel	✱	✱	✱	●	50-120-180
M	不锈钢 Stainless steel	✱	✱	✱		30-100-150
S	钛合金 Titianium alloy	✱	✱	✱		40-60-80
S	耐热合金 Heat-resisting steel			✱		40-60-80
N	有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表
CPGH040101 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。

CP2130: 通用加工材质，中低速加工；

CP1120: 易车铁及软钢加工材质，低速加工；

CP8130: 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.

CP2130: General processing materials, Low speed machining.

CP1120: Low carbon steel processing, Low speed machining.

CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

正角刀片
Positive turning

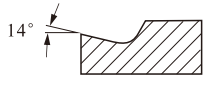
		PVD			金属陶瓷	
		CP2130	CP1120	CP8130	CT20	加工参数 parameters Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	✱	✱	✱	●	50-120-180
	M 不锈钢 Stainless steel	✱	✱	✱		30-100-150
	S 钛合金 Titanium alloy	✱	✱	✱		40-60-80
	S 耐热合金 Heat-resisting steel			✱		40-60-80
	N 有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表
TPGT080201 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		✱	✱	✱	●	

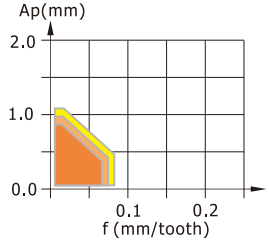
R/L-Y Turning insert

一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。

CP2130: 通用加工材质，中低速加工；

CP1120: 易车铁及软钢加工材质，低速加工；

CP8130: 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.

CP2130: General processing materials, Low speed machining.

CP1120: Low carbon steel processing, Low speed machining.

CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

正角刀片
Positive turning

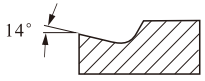
工件材质		PVD CP2130	PVD CP1120	PVD CP8130	金属陶瓷 CT20	加工参数 parameters Vc (mm/min)
P	软钢及钢件精加工 Steel	✱	✱	✱	●	50-120-180
M	不锈钢 Stainless steel	✱	✱	✱		30-100-150
S	钛合金 Titanium alloy	✱	✱	✱		40-60-80
S	耐热合金 Heat-resisting steel			✱		40-60-80
N	有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表
CPGH040101 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		✱	✱	✱	●	

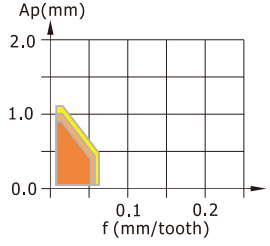
R/L-Y Turning insert

一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。

CP2130: 通用加工材质，中低速加工；

CP1120: 易车铁及软钢加工材质，低速加工；

CP8130: 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.

CP2130: General processing materials, Low speed machining.

CP1120: Low carbon steel processing, Low speed machining.

CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

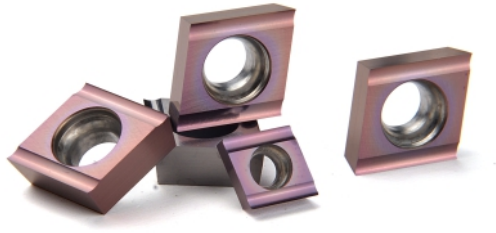
CT20: Continuous processing of carbon steel.

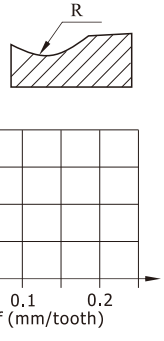
正角刀片 Positive turning		PVD			金属陶瓷	加工参数 parameters
		CP2130	CP1120	CP8130	CT20	Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	✱	✱	✱	●	50-120-180
	M 不锈钢 Stainless steel	✱	✱	✱		30-100-150
	S 钛合金 Titanium alloy	✱	✱	✱		40-60-80
	S 耐热合金 Heat-resisting steel			✱		40-60-80
	N 有色金属 Nonferrous metal					200-300-400
常用型号规格						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

一小零件加工车削刀片 大切深低进给 加工

Small parts machining turning insert





特点：

刃口锋利，铁屑控制好，
大切深低进给加工槽型；

被加工对象：

不锈钢，钛合金，高温合金，淬火钢，碳钢。
CP2130: 通用加工材质，中低速加工；
CP1120: 易车铁及软钢加工材质，低速加工；
CP8130: 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.
CP2130: General processing materials, Low speed machining.
CP1120: Low carbon steel processing, Low speed machining.
CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;
CT20: Continuous processing of carbon steel.

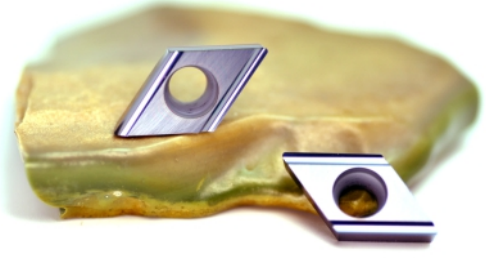
正角刀片
Positive turning

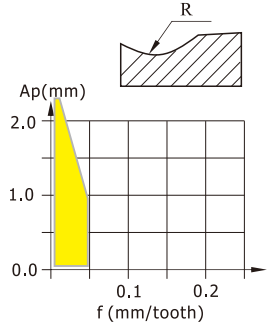
工件材质		PVD CP2130	PVD CP8130	PVD CP1120	金属陶瓷 CT20	加工参数 parameters Vc (mm/min)
P	软钢及钢件精加工 Steel	✱	✱	✱	●	50-120-180
M	不锈钢 Stainless steel	✱	✱	✱		30-100-150
S	钛合金 Titanium alloy	✱	✱	✱		40-60-80
S	耐热合金 Heat-resisting steel			✱		40-60-80
N	有色金属 Nonferrous metal					200-300-400
常用型号规格						断屑槽对应表
CCGT0602005 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

一小零件加工车削刀片 大切深低进给加工

Small parts machining turning insert





特点：

刃口锋利，铁屑控制好，
大切深低进给加工槽型；

被加工对象：

不锈钢，钛合金，高温合金，淬火钢，碳钢。

CP2130: 通用加工材质，中低速加工；

CP1120: 易车铁及软钢加工材质，低速加工；

CP8130: 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.

CP2130: General processing materials, Low speed machining.

CP1120: Low carbon steel processing, Low speed machining.

CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

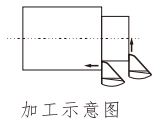
CT20: Continuous processing of carbon steel.

		PVD			金属陶瓷	
		CP2130	CP1120	CP8130	CT20	加工参数 parameters Vc (mm/min)
工件材质	P 软钢及钢件精加工 Steel	✱	✱	✱	●	50-120-180
	M 不锈钢 Stainless steel	✱	✱	✱		30-100-150
	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		✱	✱	✱	●	

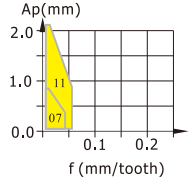
DCVR/L-V Turning insert

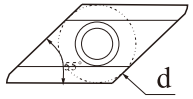
一小零件加工车削刀片 外圆及端面加工

Turning insert Machining of outer circle and end face

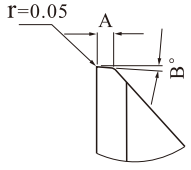


加工示意图





V-G type



俯视刀尖图

特点：

刃口锋利，铁屑控制好，

大切深低进给加工槽型；

被加工对象：

不锈钢，钛合金，高温合金，淬火钢，碳钢。

CP2130: 通用加工材质，中低速加工；

CP1120: 易车铁及软钢加工材质，低速加工；

CP8130: 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.

CP2130: General processing materials, Low speed machining.

CP1120: Low carbon steel processing, Low speed machining.

CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

			PVD			
			CP2130	CP8130	CP1120	加工参数 parameters Vc (mm/min)
工件材质	P	软钢及钢件精加工 Steel	✱	✱	✱	50-120-180
	M	不锈钢 Stainless steel	✱	✱	✱	30-100-150
	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

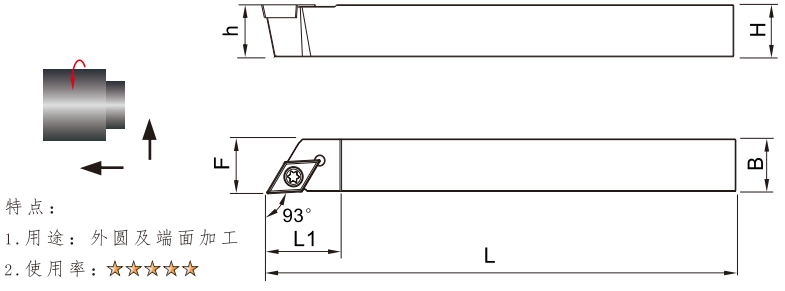
常用型号规格	刀尖 AXB°	d				断屑槽对应表
DCV07 R/L V-G	0.3X7°	6.35	✱	✱	✱	NTK: CSVF -VB -VB-A -VB-C -VB-M
DCV07 R/L V-G	0.3X4°	6.35	✱	✱	✱	
DCV07 R/L V-G	0.15X7°	6.35	✱	✱	✱	
DCV07 R/L V-G	0.15X4°	6.35	✱	✱	✱	
DCV11 R/L V-G	0.3X7°	9.53	✱	✱	✱	
DCV11 R/L V-G	0.3X4°	9.53	✱	✱	✱	
DCV11 R/L V-G	0.15X7°	9.53	✱	✱	✱	
DCV11 R/L V-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：★★★

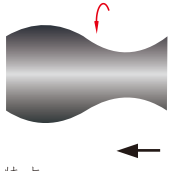
4.ISO通用刀片

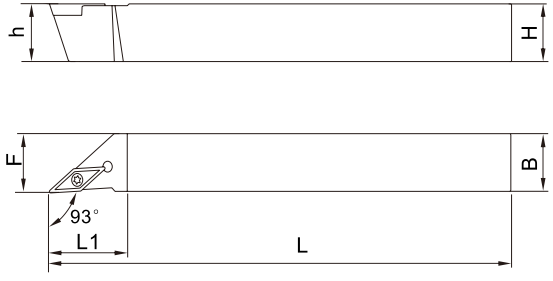
本图例为右手刀（R）RIGHT HAND SHOWN

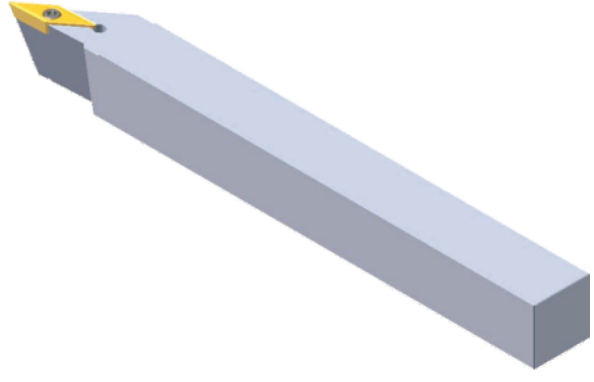
型号 MODEL NO.				尺寸 mm					螺钉	扳手	刀片型号
正刀		反刀		H h	B	L	L1	F			
SDJCR	0808K07F	SDJCL	0808K07F	8	8	125	16	8.5	MS2560	T8	DC..0702..
	1010K07F		1010K07F	10	10	125	16	10.5			
	1212M11F		1212M11F	12	12	125	22	12.5	MS4080	T15	DC..11T3..
	1616M11F		1616M11F	16	16	125	22	16.5			

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

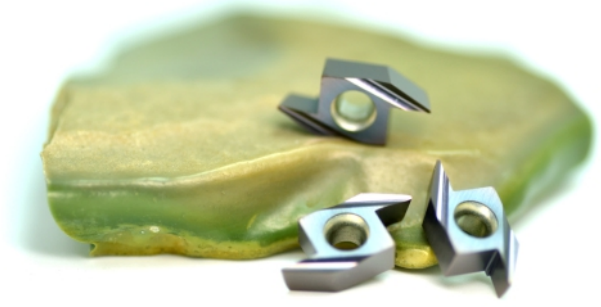
本图例为右手刀（R)RIGHT HAND SHOWN

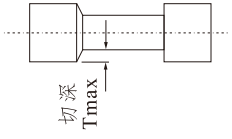
型号 MODEL NO.		尺寸 mm					螺钉	扳手	刀片型号
正刀	反刀	H h	B	L	L1	F			
SVJCR 1010K11F	SVJCL 1010K11F	10	10	125	20	10.5	MS2560	T8	VC..1103..
1212K11F	1212K11F	12	12	125	20	12.5			
SVJBR 1616M16F	SVJBL 1616M16F	16	16	125	20	16.5	MS4080	T15	VB..1604..
2020M16F	2020M16F	20	20	125	30	20.5			

ABS Turning insert

一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，

后阶段加工加工槽型；

被加工对象：

不锈钢，钛合金，高温合金，淬火钢，碳钢。

CP2130: 通用加工材质，中低速加工；

CP1120: 易车铁及软钢加工材质，低速加工；

CP8130: 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.

CP2130: General processing materials, Low speed machining.

CP1120: Low carbon steel processing, Low speed machining.

CP8130: Titanium alloy, Stainless steel, Heat resisting alloy, steel;

CT20: Continuous processing of carbon steel.

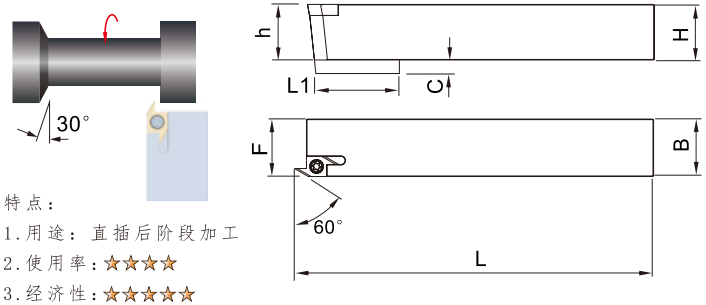
				PVD				
				CP2130	CP1120	CP8130	CW20	加工参数 parameters
								Vc (mm/min)
工件材质	P	软钢及钢件精加工 Steel		✱	✱	✱		50-120-180
	M	不锈钢 Stainless steel		✱	✱	✱		30-100-150
	S	钛合金 Titanium alloy		✱	✱	✱		40-60-80
	S	耐热合金 Heat-resisting steel				✱		40-60-80
	N	有色金属 Nonferrous metal					✱	200-300-400
常用型号规格		切深X切宽 TXB	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；

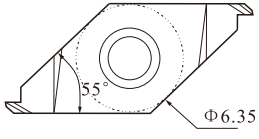
本图例为右手刀（R）RIGHT HAND SHOWN

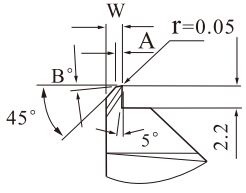
型号 MODEL NO.		尺寸 mm						螺钉	扳手	刀片型号
正刀	反刀	H	B	L	L1	F	C			
0808K-40F	0808K-40F	8	8	125	29	10	2	MS3080	T10	ABS15R/L..
1010K-40F	1010K-40F	10	10	125	29	10	-			
SABSR 1212K-40F	SABSL 1212K-40F	12	12	125	29	10	-			
1616M-40F	1616M-40F	16	16	125	29	10	-			
2020K-40F	2020K-40F	20	20	125	29	10	-			

DCBR/L-XXV Turning insert

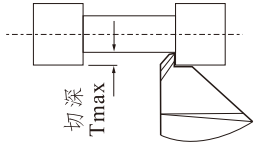
一微小零件加工车削刀片 后阶段加工

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。

CP2130: 通用加工材质，中低速加工；

CP8130: 通用加工材质，中高速加工；

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.

CP2130: General processing materials, Low speed machining.

CP8130: General processing materials, High speed machining.

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

正角刀片
Positive turning

工件材质		PVD CP2130	PVD CP8130	PVD CP2430F	加工参数 parameters Vc (mm/min)
P	软钢及钢件精加工 Steel	✱	✱	✱	50-120-180
M	不锈钢 Stainless steel	✱	✱	✱	30-100-150
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

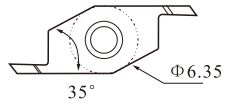
常用型号规格	W	刀尖 AXB°	Tmax	PVD CP2130	PVD CP8130	PVD CP2430F	断屑槽对应表
DCB07 R/L 100 V	1.0	0.3X8°	2.0	✱	✱	✱	NTK: CSVB -VB -VB-A -VB-C -VB-M
DCB07 R/L 100 V-A	1.0	0.3X5°	2.0	✱	✱	✱	
DCB07 R/L 100 V-C	1.0	0.15X8°	2.0	✱	✱	✱	
DCB07 R/L 100 V-M	1.0	0.15X5°	2.0	✱	✱	✱	
DCB07 R/L 120 V	1.2	0.3X8°	2.0	✱	✱	✱	
DCB07 R/L 150 V	1.5	0.3X8°	2.0	✱	✱	✱	

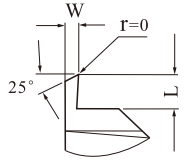
注：选配刀杆为SDJCR/LXXXX-07

VAC R/L-VXX Turning insert

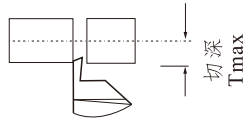
一微小零件切断加工

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。

CP2130: 通用加工材质，中低速加工。

CP8130: 通用加工材质，中高速加工。

CP9030: 钛合金,不锈钢,高温合金及钢件加工。

CW20(硬质合金): 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.

CP2130: General processing materials, Low speed machining.

CP8130: General processing materials, High speed machining.

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

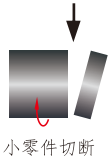
CW20: Non ferrous metal processing.

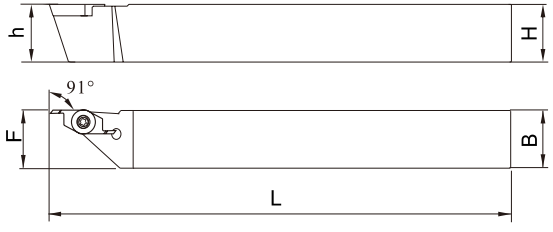
				PVD			合金	
				CP2130	CP1120	CP8130	CW20	加工参数 parameters Vc (mm/min)
工件材质	P	软钢及钢件精加工 Steel		✱	✱	✱		50-120-180
	M	不锈钢 Stainless steel		✱	✱	✱		30-100-150
	S	钛合金 Titanium alloy		✱	✱	✱		40-60-80
	S	耐热合金 Heat-resisting steel				✱		40-60-80
	N	有色金属 Nonferrous metal					✱	200-300-400
常用型号规格		W	Tmax					断屑槽对应表
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）





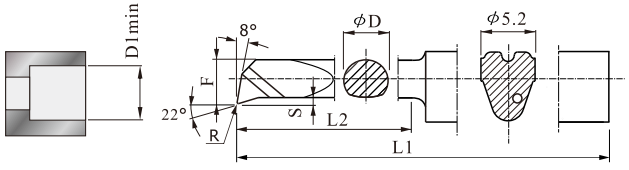


本图例为左手刀(L)LIGHT HAND SHOWN

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
SVEAR 080811F	SVEAL 080811F	8	8	100	8.2			
SVEAR 1010K11F	SVEAL 1010K11F	10	10	125	10.2			
SVEAR 1212K11F	SVEAL 1212K11F	12	12	125	12.2			

CBAR/L

8° 整体合金极小径镗刀



CBAR

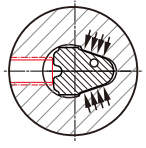
特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two 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		✤	✤	

夹持力强
刚性好
Strong clamping force
Good rigidity

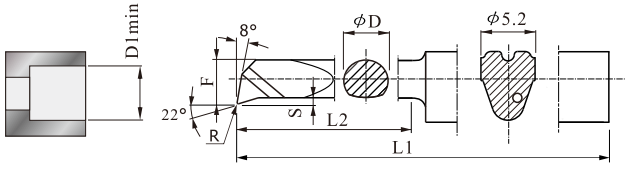


本图例为右手刀(R)RIGHT HAND SHOWN

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	CP1120	CP2130	CP8130	CW20
CBAR	100050R005	CBAL	100050R005	0.9	0.7	0.3	5	25	0.05	1	5	●	●	●	●
	100050R010		100050R010	0.9	0.7	0.3	5	25	0.10	1	5	●	●	●	●
	150080R005		150080R005	1.4	1.2	0.3	8	25	0.05	1.5	8	●	●	●	●
	150080R010		150080R010	1.4	1.2	0.3	8	25	0.10	1.5	8	●	●	●	●
	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	●	●	●	●
	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	●	●	●	●

CBAR/L

8° 整体合金极小径镗刀



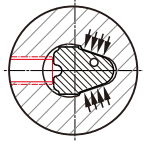
CBAR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔，一个负责冷却，另一个负责排铁屑；
3. 刃口锋利，切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

夹持力强
刚性好
Strong clamping force
Good rigidity



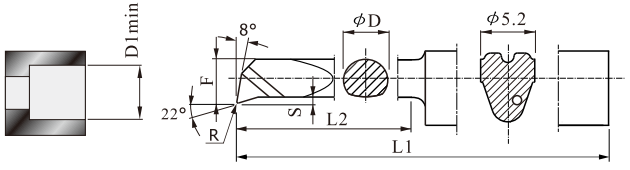
本图例为右手刀(R)RIGHT HAND SHOWN

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	CP1120	CP2130	CP8130	CW20
CBAR	250100R005	CBAL	250100R005	2.3	2.1	0.3	10	25	0.05	2.5	10	●	○	●	●
	250150R005		250150R005	2.3	2.1	0.3	15	30	0.05	2.5	15	●	○	●	●
	250100R010		250100R010	2.3	2.1	0.3	10	25	0.10	2.5	10	●	○	●	●
	250150R010		250150R010	2.3	2.1	0.3	15	30	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	●	○	●	●
	300200R005		300200R005	2.7	2.4	0.4	20	35	0.05	3	20	●	○	●	●
	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	●	○	●	●
	300200R010		300200R010	2.7	2.4	0.4	20	35	0.10	3	20	●	○	●	●
	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	●	○	●	●
	300200R020		300200R020	2.7	2.4	0.4	20	35	0.20	3	20	●	○	●	●

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. 双内冷孔，一个负责冷却，另一个负责排铁屑；
3. 刃口锋利，切削阻力小。

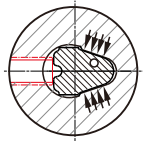
1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

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

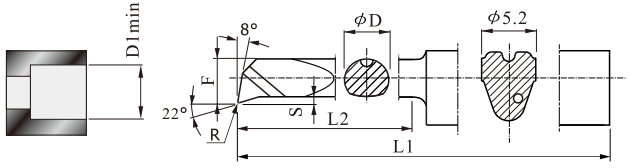
型号 MODEL NO.				尺寸 mm								PVD涂层			合金
正刀		反刀		F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBAR	350100R005	CBAL	350100R005	3.2	2.7	0.6	10	25	0.05	3.5	10	●	○	●	●
	350150R005		350150R005	3.2	2.7	0.6	15	30	0.05	3.5	15	●	○	●	●
	350200R005		350200R005	3.2	2.7	0.6	20	35	0.05	3.5	18	●	○	●	●
	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	●	○	●	●
	350200R010		350200R010	3.2	2.7	0.6	20	35	0.10	3.5	20	●	○	●	●
	400150R005		400150R005	3.7	3.0	0.8	15	30	0.05	4	15	●	○	●	●
	400200R005		400200R005	3.7	3.0	0.8	20	35	0.05	4	20	●	○	●	●
	400150R010		400150R010	3.7	3.0	0.8	15	30	0.10	4	15	●	○	●	●
	400200R010		400200R010	3.7	3.0	0.8	20	35	0.10	4	20	●	○	●	●
	400150R020		400150R020	3.7	3.0	0.8	15	30	0.20	4	15	●	○	●	●
	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° 整体合金极小径铰刀



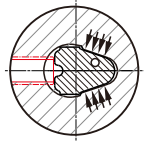
CBAR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

夹持力强
刚性好
Strong clamping force
Good rigidity



本图例为右手刀(R)RIGHT HAND SHOWN

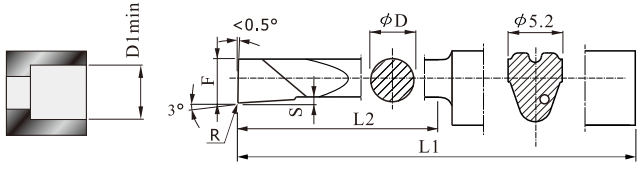
工件材质					
P	钢 Steel	✱	✱	✱	
P	高硬度钢 HRC35-60 Steel		●	●	
M	不锈钢 Stainless steel	✱	✱	✱	
S	钛合金和可伐合金 Titanium alloy		✱	✱	
N	有色金属 Nonferrous metal				✱
S	耐热合金 Heat-resisting steel		✱	✱	

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	CP1120	CP2130	CP8130	CW20
CBAR	600150R005	CBAL	600150R005	5.7	4.7	1.1	15	30	0.05	6	15	●	○	●	●
	600200R005		600200R005	5.7	4.7	1.1	20	35	0.05	6	20	●	○	●	●
	600250R005		600250R005	5.7	4.7	1.1	25	40	0.05	6	25	●	○	●	●
	600300R005		600300R005	5.7	4.7	1.1	30	45	0.05	6	30	●	○	●	●
	600150R020		600150R020	5.7	4.7	1.1	15	30	0.20	6	15	●	○	●	●
	600200R020		600200R020	5.7	4.7	1.1	20	35	0.20	6	20	●	○	●	●
	600250R020		600250R020	5.7	4.7	1.1	25	40	0.20	6	25	●	○	●	●
	600300R020		600300R020	5.7	4.7	1.1	30	45	0.20	6	30	●	○	●	●
	680200R005		680200R005	6.4	5.2	1.3	20	35	0.05	6.8	20	●	○	●	●
	680250R005		680250R005	6.4	5.2	1.3	25	40	0.05	6.8	25	●	○	●	●
	680300R005		680300R005	6.4	5.2	1.3	30	45	0.05	6.8	30	●	○	●	●
	680200R020		680200R020	6.4	5.2	1.3	20	35	0.20	6.8	20	●	○	●	●
	680250R020		680250R020	6.4	5.2	1.3	25	40	0.20	6.8	25	●	○	●	●
	680300R020		680300R020	6.4	5.2	1.3	30	45	0.20	6.8	30	●	○	●	●

CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

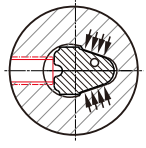
特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two 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		✱	✱	

夹持力强
刚性好
Strong clamping force
Good rigidity

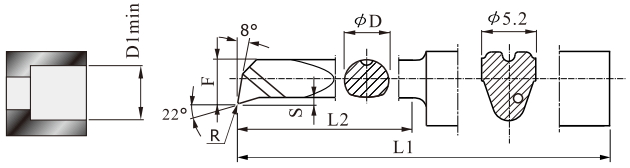


本图例为右手刀(R)RIGHT HAND SHOWN

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	CP1120	CP2130	CP8130	CW20
CBBR	100050R003	CBBL	100050R003	0.9	0.75	0.15	5	25	0.03	1	5	●	○	●	●
	100050R010		100050R010	0.9	0.75	0.15	5	25	0.10	1	5	●	○	●	●
	150080R003		150080R003	1.4	1.2	0.2	8	25	0.03	1.5	8	●	○	●	●
	150080R010		150080R010	1.4	1.2	0.2	8	25	0.10	1.5	8	●	○	●	●
	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	●	○	●	●
	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	●	○	●	●

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. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

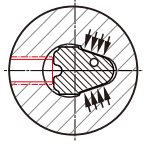
1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

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	CP1120	CP2130	CP8130	CW20
CBAR	500150R005	CBAL	500150R005	4.7	4.0	0.8	15	30	0.05	5	15	●	○	●	●
	500200R005		500200R005	4.7	4.0	0.8	20	35	0.05	5	20	●	○	●	●
	500250R005		500250R005	4.7	4.0	0.8	25	40	0.05	5	25	●	○	●	●
	500300R005		500300R005	4.7	4.0	0.8	30	45	0.05	5	30	●	○	●	●
	500150R010		500150R010	4.7	4.0	0.8	15	30	0.10	5	15	●	○	●	●
	500200R010		500200R010	4.7	4.0	0.8	20	35	0.10	5	20	●	○	●	●
	500250R010		500250R010	4.7	4.0	0.8	25	40	0.10	5	25	●	○	●	●
	500300R010		500300R010	4.7	4.0	0.8	30	45	0.10	5	30	●	○	●	●
	500150R020		500150R020	4.7	4.0	0.8	15	30	0.20	5	15	●	○	●	●
	500200R020		500200R020	4.7	4.0	0.8	20	35	0.20	5	20	●	○	●	●
	500250R020		500250R020	4.7	4.0	0.8	25	40	0.20	5	25	●	○	●	●
	500300R020		500300R020	4.7	4.0	0.8	30	45	0.20	5	30	●	○	●	●

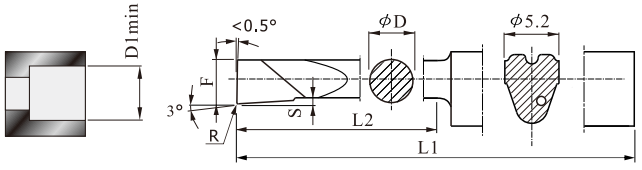
夹持力强
刚性好
Strong clamping force
Good rigidity



CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

特点：

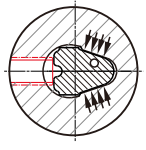
1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two 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		✤	✤	

夹持力强
刚性好
Strong clamping force
Good rigidity

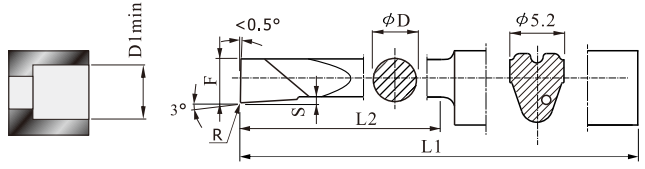


型号 MODEL NO.				尺寸 mm								PVD涂层			合金
正刀		反刀		F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBBR	250100R005	CBBL	250100R005	2.3	2.1	0.2	10	25	0.05	2.5	10	●	○	●	●
	250150R005		250150R005	2.3	2.1	0.2	15	30	0.05	2.5	15	●	○	●	●
	250100R010		250100R010	2.3	2.1	0.2	10	25	0.10	2.5	10	●	○	●	●
	250150R010		250150R010	2.3	2.1	0.2	15	30	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	●	○	●	●
	300200R005		300200R005	2.7	2.4	0.3	20	35	0.05	3	20	●	○	●	●
	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	●	○	●	●
	300200R010		300200R010	2.7	2.4	0.3	20	35	0.10	3	20	●	○	●	●
	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	●	○	●	●
	300200R020		300200R020	2.7	2.4	0.3	20	35	0.20	3	20	●	○	●	●

CBBR/L

0° 整体合金极小径铿刀

用于精加工 For finishing



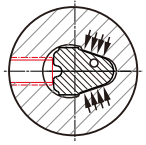
CBBR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

夹持力强
刚性好
Strong clamping force
Good rigidity



本图例为右手刀(R)RIGHT HAND SHOWN

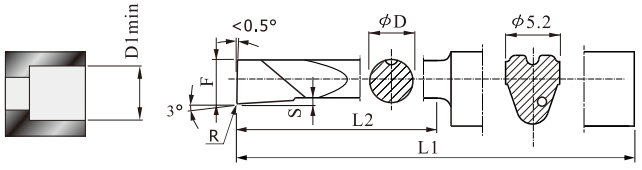
工件材质					
P	钢 Steel	✤	✤	✤	
P	高硬度钢 HRC35-60 Steel		●	●	
M	不锈钢 Stainless steel	✤	✤	✤	
S	钛合金和可伐合金 Titanium alloy		✤	✤	
N	有色金属 Nonferrous metal				✤
S	耐热合金 Heat-resisting steel		✤	✤	

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		CP1120	CP2130	CP8130	CW20
CBBR	350100R005	CBBL	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	●	○	●	●
	350200R005		350200R005	3.2	2.8	0.4	20	35	0.05	3.5	20	●	○	●	●
	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	●	○	●	●
	350200R010		350200R010	3.2	2.8	0.4	20	35	0.10	3.5	20	●	○	●	●
	400150R005		400150R005	3.7	3.2	0.5	15	30	0.05	4	15	●	○	●	●
	400200R005		400200R005	3.7	3.2	0.5	20	35	0.05	4	20	●	○	●	●
	400150R010		400150R010	3.7	3.2	0.5	15	30	0.10	4	15	●	○	●	●
	400200R010		400200R010	3.7	3.2	0.5	20	35	0.10	4	20	●	○	●	●
	400150R020		400150R020	3.7	3.2	0.5	15	30	0.20	4	15	●	○	●	●
	400200R020		400200R020	3.7	3.2	0.5	20	35	0.20	4	20	●	○	●	●

CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



CBBR

特点：

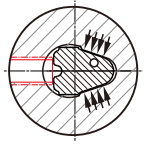
1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two 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

夹持力强
刚性好
Strong clamping force
Good rigidity

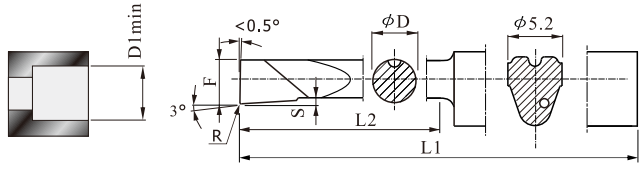


型号 MODEL NO.				尺寸 mm								PVD涂层			合金
正刀		反刀		F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBBR	500150R005	CBBL	500150R005	4.7	4.2	0.5	15	30	0.05	5	15	●	○	●	●
	500200R005		500200R005	4.7	4.2	0.5	20	35	0.05	5	20	●	○	●	●
	500250R005		500250R005	4.7	4.2	0.5	25	40	0.05	5	25	●	○	●	●
	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	●	○	●	●

CBBR/L

0° 整体合金极小径镗刀

用于精加工 For finishing



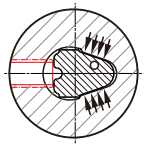
CBBR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

夹持力强
刚性好
Strong clamping force
Good rigidity

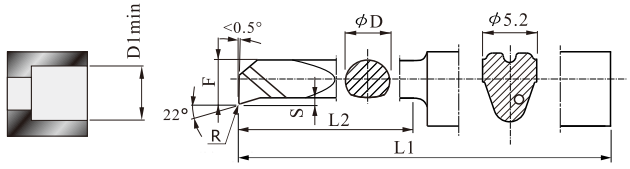


本图例为右手刀(R)RIGHT HAND SHOWN

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	CP1120	CP2130	CP8130	CW20
CBBR	600150R005	CBBL	600150R005	5.7	5.2	0.5	15	30	0.05	6	15	●	○	●	●
	600200R005		600200R005	5.7	5.2	0.5	20	35	0.05	6	20	●	○	●	●
	600250R005		600250R005	5.7	5.2	0.5	25	40	0.05	6	25	●	○	●	●
	600300R005		600300R005	5.7	5.2	0.5	30	45	0.05	6	30	●	○	●	●
	600150R020		600150R020	5.7	5.2	0.5	15	30	0.20	6	15	●	○	●	●
	600200R020		600200R020	5.7	5.2	0.5	20	35	0.20	6	20	●	○	●	●
	600250R020		600250R020	5.7	5.2	0.5	25	40	0.20	6	25	●	○	●	●
	600300R020		600300R020	5.7	5.2	0.6	30	45	0.20	6	30	●	○	●	●
	680200R005		680200R005	6.4	5.8	0.6	20	35	0.05	6.8	20	●	○	●	●
	680250R005		680250R005	6.4	5.8	0.6	25	40	0.05	6.8	25	●	○	●	●
	680300R005		680300R005	6.4	5.8	0.6	30	45	0.05	6.8	30	●	○	●	●
	680200R020		680200R020	6.4	5.8	0.6	20	35	0.20	6.8	20	●	○	●	●
	680250R020		680250R020	6.4	5.8	0.6	25	40	0.20	6.8	25	●	○	●	●
	680300R020		680300R020	6.4	5.8	0.6	30	45	0.20	6.8	30	●	○	●	●

CBCR/L
0° 整体合金极小径镗刀



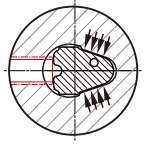
CBCR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔，一个负责冷却，
   另一个负责排铁屑；
3. 刃口锋利，切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

夹持力强
刚性好
Strong clamping force
Good rigidity



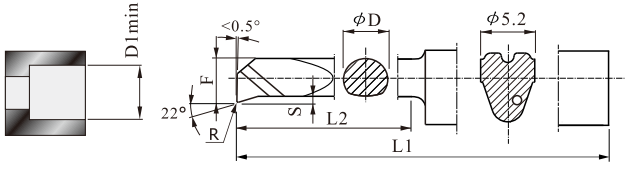
本图例为右手刀(R)RIGHT HAND SHOWN

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	CP1120	CP2130	CP8130	CW20
CBCR	250100R005	CBCL	250100R005	2.3	2.1	0.3	10	25	0.05	2.5	10	●	○	●	●
	250150R005		250150R005	2.3	2.1	0.3	15	30	0.05	2.5	15	●	○	●	●
	250100R010		250100R010	2.3	2.1	0.3	10	25	0.10	2.5	10	●	○	●	●
	250150R010		250150R010	2.3	2.1	0.3	15	30	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	●	○	●	●
	300200R005		300200R005	2.7	2.4	0.4	20	35	0.05	3	20	●	○	●	●
	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	●	○	●	●
	300200R010		300200R010	2.7	2.4	0.4	20	35	0.10	3	20	●	○	●	●
	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	●	○	●	●
	300200R020		300200R020	2.7	2.4	0.4	20	35	0.20	3	20	●	○	●	●

CBCR/L

8° 整体合金极小径镗刀



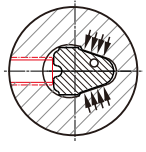
CBCR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔，一个负责冷却，另一个负责排铁屑；
3. 刃口锋利，切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

夹持力强
刚性好
Strong clamping force
Good rigidity



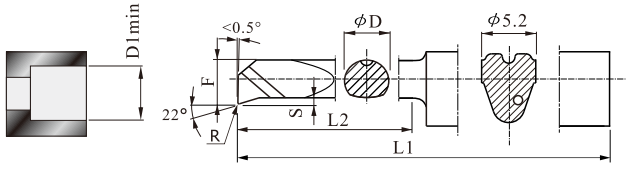
本图例为右手刀(R)RIGHT HAND SHOWN

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	CP1120	CP2130	CP8130	CW20
CBCR	350100R005	CBCL	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	●	○	●	●
	350200R010		350200R010	3.2	2.7	0.6	20	35	0.10	3.5	20	●	○	●	●
	400150R005		400150R005	3.7	3.0	0.8	15	30	0.05	4	15	●	○	●	●
	400200R005		400200R005	3.7	3.0	0.8	20	35	0.05	4	20	●	○	●	●
	400150R010		400150R010	3.7	3.0	0.8	15	30	0.10	4	15	●	○	●	●
	400200R010		400200R010	3.7	3.0	0.8	20	35	0.10	4	20	●	○	●	●
	400150R020		400150R020	3.7	3.0	0.8	15	30	0.20	4	15	●	○	●	●
	400200R020		400200R020	3.7	3.0	0.8	20	35	0.20	4	20	●	○	●	●

CBCR/L

0° 整体合金极小径镗刀



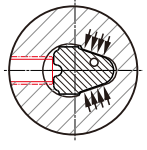
CBCR

特点：

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2. 双内冷孔，一个负责冷却，
   另一个负责排铁屑；
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夹持力强
刚性好
Strong clamping force
Good rigidity



本图例为右手刀(R)RIGHT HAND SHOWN

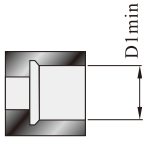
型号 MODEL NO.				尺寸 mm								PVD涂层			合金
正刀		反刀		F	ΦD	S	L2	L1	R	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
	500150R010		500150R010	4.7	4.2	0.8	15	30	0.10	5	15	●	○	●	●
	500200R010		500200R010	4.7	4.2	0.8	20	35	0.10	5	20	●	○	●	●
	500250R010		500250R010	4.7	4.2	0.8	25	40	0.10	5	25	●	○	●	●
	500300R010		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	●	○	●	●
CBCR	500300R020	CBCL	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	●	○	●	●

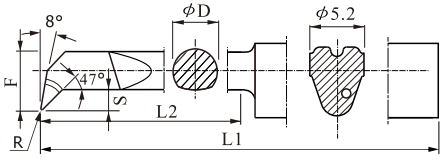
CBDR/L

8° 整体合金极小径铲刀

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. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

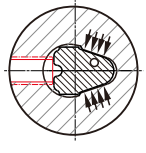
1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

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	CP1120	CP2130	CP8130	CW20
CBDR	200060R005	CBDL	200060R005	1.9	1.5	0.5	6	30	0.05	2	6	●	○	○	●
	200090R005		200090R005	1.9	1.5	0.5	9	30	0.05	2	9	●	○	○	●
	300100R010		300100R010	2.6	2.0	0.7	10	30	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	30	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	4.7	1.1	15	30	0.10	6	15	●	○	○	●
	600300R010		600300R010	5.7	4.7	1.1	25	40	0.10	6	25	●	○	○	●

夹持力强
刚性好
Strong clamping force
Good rigidity

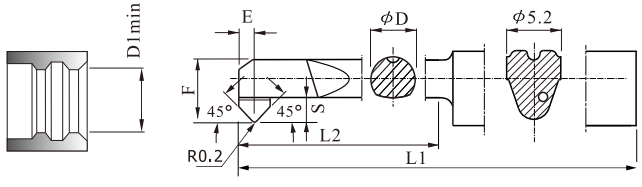


CBER/L

8° 整体合金极小径镗刀

用于梯形槽加工

For cutter Trapezoidal groove



CBER

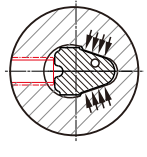
特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two 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		❁	❁	

夹持力强
刚性好
Strong clamping force
Good rigidity



本图例为右手刀(R)RIGHT HAND SHOWN

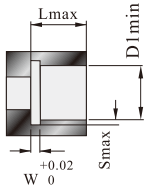
型号 MODEL NO.				尺寸 mm								PVD涂层			合金
正刀		反刀		F	ΦD	S	L2	L1	E	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBER	500150R020	CBEL	500150R020	4.7	3.6	1.2	15	30	1	5	15	●	○	○	●
	600200R020		600200R020	6.4	4.8	1.7	20	35	1	7	20	●	○	○	●

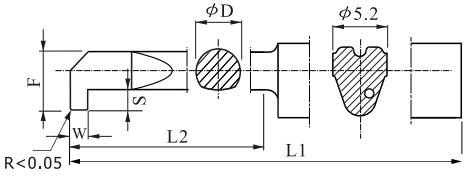
CBFR/L

整体合金极小径内槽刀

用于内径槽加工

For cutter inside groove





CBFR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

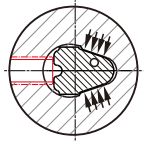
1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

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	W	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBFR	050100D30S07	CBFL	050100D30S07	2.7	2.0	0.8	10	30	0.5	3	10	●	○	○	●
	050150D30S07		050150D30S07	2.7	2.0	0.8	15	30	0.5	3	15	●	○	○	●
	070100D30S08		070100D30S08	2.7	2.0	0.8	10	30	0.7	3	10	●	○	○	●
	070150D30S08		070150D30S08	2.7	2.0	0.8	15	30	0.7	3	15	●	○	○	●
	050100D40S08		050100D40S08	3.7	2.9	0.9	10	30	0.5	4	10	●	○	○	●
	050200D40S08		050200D40S08	3.7	2.9	0.9	20	35	0.5	4	20	●	○	○	●
	070100D40S09		070100D40S09	3.7	2.8	1.0	10	30	0.7	4	10	●	○	○	●
	070200D40S09		070200D40S09	3.7	2.8	1.0	20	35	0.7	4	20	●	○	○	●
	100100D40S10		100100D40S10	3.7	2.7	1.1	10	30	1.0	4	10	●	○	○	●
	100200D30S10		100200D30S10	3.7	2.7	1.1	20	35	1.0	4	20	●	○	○	●

夹持力强
刚性好
Strong clamping force
Good rigidity

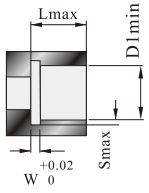


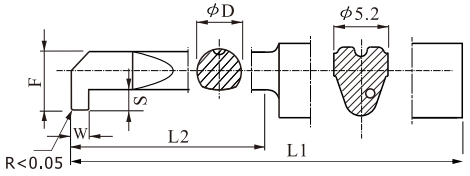
CBFR/L

整体合金极小径内槽刀

用于内径槽加工

For cutter inside groove





CBFR

特点：

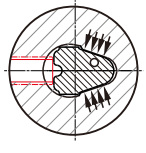
1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two 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

夹持力强
刚性好
Strong clamping force
Good rigidity



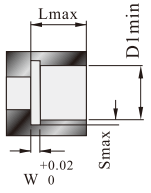
型号 MODEL NO.				尺寸 mm								PVD涂层			合金
正刀		反刀		F	ΦD	S	L2	L1	W	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBFR	050150D50S07	CBFL	050150D50S07	4.2	3.5	0.8	15	30	0.5	5	15	●	○	○	●
	050200D50S07		050200D50S07	4.2	3.5	0.8	20	35	0.5	5	20	●	○	○	●
	100150D50S12		100150D50S12	4.7	3.5	1.3	15	30	1.0	5	15	●	○	○	●
	100200D50S12		100200D50S12	4.7	3.5	1.3	20	35	1.0	5	20	●	○	○	●
	150150D50S12		150150D50S12	4.7	3.5	1.3	15	30	1.5	5	15	●	○	○	●
	150200D50S12		150200D50S12	4.7	3.5	1.3	20	35	1.5	5	20	●	○	○	●
	175150D50S12		175150D50S12	4.7	3.5	1.3	15	30	1.75	5	15	●	○	○	●
	175200D50S12		175200D50S12	4.7	3.5	1.3	20	35	1.75	5	20	●	○	○	●
	200150D50S12		200150D50S12	4.7	3.5	1.3	15	30	2.0	5	15	●	○	○	●
	200200D50S12		200200D50S12	4.7	3.5	1.3	20	35	2.0	5	20	●	○	○	●

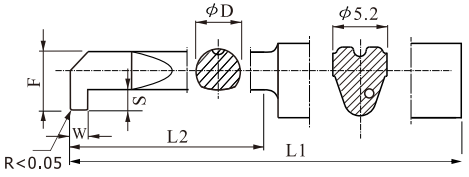
CBFR/L

整体合金极小径内槽刀

用于内径槽加工

For cutter inside groove





CBFR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

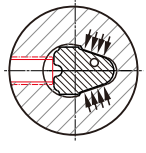
1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

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	W	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBFR	050150D60S07	CBFL	050150D50S07	5.2	3.7	1,6	15	30	0.5	6	15	●	○	○	●
	050250D60S07		050250D50S07	5.2	3.7	1,6	20	35	0.5	6	25	●	○	○	●
	100150D60S12		100150D50S12	5.7	3.7	2.1	15	30	1.0	6	15	●	○	○	●
	100250D60S12		100250D50S12	5.7	3.7	2.1	20	35	1.0	6	25	●	○	○	●
	150150D60S12		150150D50S12	5.7	3.7	2.1	15	30	1.5	6	15	●	○	○	●
	150250D60S12		150250D50S12	5.7	3.7	2.1	20	35	1.5	6	25	●	○	○	●
	175150D60S12		175150D50S12	5.7	3.7	2.1	15	30	1.75	6	15	●	○	○	●
	175250D60S12		175250D50S12	5.7	3.7	2.1	20	35	1.75	6	25	●	○	○	●
	200150D60S12		200150D50S12	5.7	3.7	2.1	15	30	2.0	6	15	●	○	○	●
	200250D60S12		200250D50S12	5.7	3.7	2.1	20	35	2.0	6	25	●	○	○	●

夹持力强
刚性好
Strong clamping force
Good rigidity

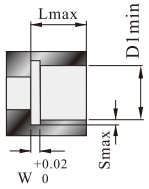


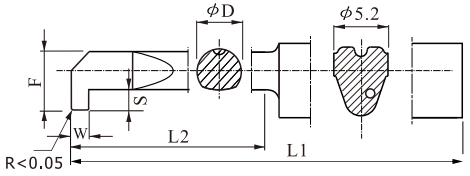
CBFR/L

整体合金极小径内槽刀

用于内径槽加工

For cutter inside groove





CBFR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

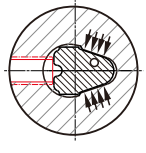
1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

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	W	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBFR	050150D60S07	CBFL	050150D50S07	5.7	3.7	2.1	15	30	0.5	7	15	●	○	○	●
	050250D60S07		050250D50S07	5.7	3.7	2.1	20	35	0.5	7	25	●	○	○	●
	100150D60S12		100150D50S12	6.2	3.7	2.6	15	30	1.0	7	15	●	○	○	●
	100250D60S12		100250D50S12	6.2	3.7	2.6	20	35	1.0	7	25	●	○	○	●
	150150D60S12		150150D50S12	6.2	3.7	2.6	15	30	1.5	7	15	●	○	○	●
	150250D60S12		150250D50S12	6.2	3.7	2.6	20	35	1.5	7	25	●	○	○	●
	175150D60S12		175150D50S12	6.2	3.7	2.6	15	30	1.75	7	15	●	○	○	●
	175250D60S12		175250D50S12	6.2	3.7	2.6	20	35	1.75	7	25	●	○	○	●
	200150D60S12		200150D50S12	6.2	3.7	2.6	15	30	2.0	7	15	●	○	○	●
	200250D60S12		200250D50S12	6.2	3.7	2.6	20	35	2.0	7	25	●	○	○	●

夹持力强
刚性好
Strong clamping force
Good rigidity

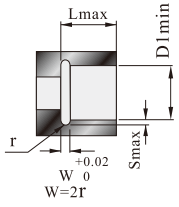


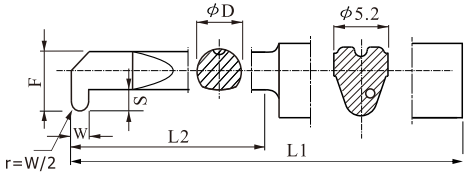
CBFR/L

整体合金极小径内槽刀

用于内径槽加工

For cutter inside groove





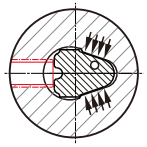
CBFR

特点：

1. 非常好的夹持力，刚性强；
2. 双内冷孔,一个负责冷却，另一个负责排铁屑；
3. 刃口锋利,切削阻力小。

1. Strong clamping forceGood rigidity.
2. With Two internal cooling,
   Excellent Processing Performance;
3. Sharp edge, Small cutting resistance.

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		✤	✤	

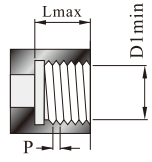
型号 MODEL NO.				尺寸 mm								PVD涂层			合金
正刀		反刀		F	ΦD	S	L2	L1	W =2*r	最小加工直径 D1min	推荐加工深度 max	CP1120	CP2130	CP8130	CW20
CBFR	050150D30S08	CBFL	050150D30S08	2.7	2.0	0.8	15	30	0.5	3	15	●	○	○	●
	050150D40S08		050150D40S08	3.7	3.0	0.8	15	30	0.5	4	15	●	○	○	●
	100150D40S10		100150D40S10	3.7	2.9	1.0	15	30	1.0	4	15	●	○	○	●
	050150D50S08		050150D50S08	4.7	4.0	0.8	15	30	0.5	5	15	●	○	○	●
	100150D50S10		100150D50S10	4.7	3.8	1.0	15	30	1.0	5	15	●	○	○	●
	150150D50S13		150150D50S13	4.7	3.5	1.3	15	30	1.5	5	15	●	○	○	●
	150200D50S13		150200D50S13	4.7	3.5	1.3	20	35	1.5	5	25	●	○	○	●
	175150D50S14		175150D50S14	4.7	3.4	1.4	15	30	1.75	5	15	●	○	○	●
	200150D50S15		200150D50S15	4.7	3.3	1.5	15	30	2.0	5	15	●	○	○	●
	200200D50S15		200200D50S15	4.7	3,3	1.5	20	35	2.0	5	20	●	○	○	●

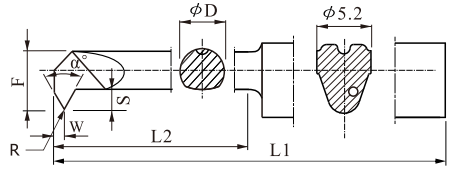
CBGR/L

整体合金极小径内螺纹刀

用于内径螺纹加工

For cutter inside Thread





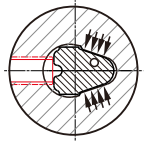
CBGR

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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	✤	✤	

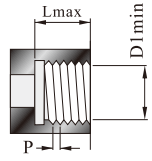
型号 MODEL NO.		尺寸 mm											PVD涂层		合金
正刀	反刀	F	ΦD	S	L2	L1	W	α°	R	螺距 ISO mm	最小加工直径 D1min	推荐加工深度 max	CP8130	CP1120	CW20
050100D30A60	050100D30A60	2.7	2.2	0.6	10	25	0.35	60	0.03	0.2-0.5	3	10	●	○	●
050100D40A60	050100D40A60	3.7	2.8	1.0	10	25	0.35	60	0.03	0.2-0.5	4	10	●	○	●
050150D50A60	050150D50A60	4.7	3.6	1.2	15	30	0.35	60	0.03	0.2-0.5	5	15	●	○	●
050200D60A60	050200D60A60	5.7	4.0	1.8	20	35	0.35	60	0.03	0.2-0.5	6	15	●	○	●
080100D30A60	080100D30A60	2.7	2.1	0.7	10	25	0.5	60	0.05	0.5-0.8	3	10	●	○	●
080100D40A60	080100D40A60	3.7	2.7	1.1	10	25	0.5	60	0.05	0.5-0.8	4	10	●	○	●
CBGR 080150D50A60	CBGL 080150D50A60	4.7	3.6	1.2	15	30	0.5	60	0.05	0.5-0.8	5	15	●	○	●
080200D60A60	080200D60A60	5.7	4.0	1.8	20	35	0.5	60	0.05	0.5-0.8	6	15	●	○	●
100150D40A60	100150D40A60	3.7	2.6	1.2	15	30	0.6	60	0.07	0.8-1.0	4	15	●	○	●
100150D50A60	100150D50A60	4.7	3.5	1.3	15	30	0.6	60	0.07	0.8-1.0	5	15	●	○	●
100200D60A60	100200D60A60	5.7	3.8	2.0	20	35	0.6	60	0.07	0.8-1.0	6	15	●	○	●
125200D60A60	125200D60A60	5.7	3.8	2.0	20	35	0.7	60	0.09	1.25	6	15	●	○	●
150200D60A60	150200D60A60	5.7	3.8	2.0	20	35	0.8	60	0.10	1.5	6	15	●	○	●

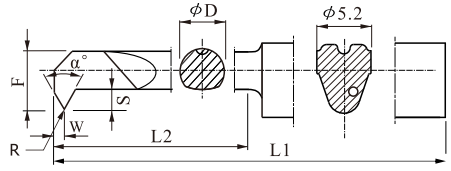
CBGR/L

整体合金极小径内螺纹刀

用于内径螺纹加工

For cutter inside Thread





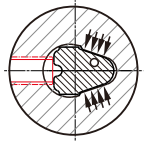
CBGR

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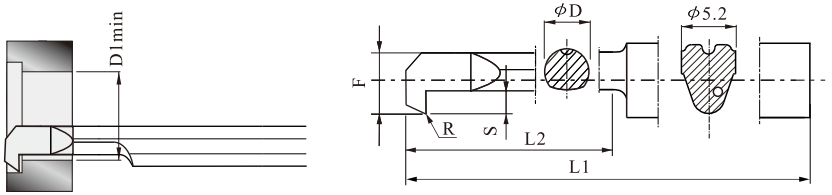
本图例为右手刀(R)RIGHT HAND SHOWN

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	W	α°	R	螺距 TPi mm	最小加工直径 D1min	推荐加工深度 max	CP8130	CP1120	CW20
CBGR	48100D30A55	CBGL	48100D30A55	2.7	2.2	0.6	10	25	0.35	55	0.05	72-48	3	10	●	○	●
	48100D40A55		48100D40A55	3.7	2.8	1.0	10	25	0.35	55	0.05	72-48	4	10	●	○	●
	48150D50A55		48150D50A55	4.7	3.6	1.2	15	30	0.35	55	0.05	72-48	5	15	●	○	●
	48150D60A55		48150D60A55	5.7	4.0	1.8	15	30	0.35	55	0.05	72-48	6	15	●	○	●
	32100D30A55		32100D30A55	2.7	2.1	0.7	10	25	0.5	55	0.08	48-32	3	10	●	○	●
	32100D40A55		32100D40A55	3.7	2.7	1.1	10	25	0.5	55	0.08	48-32	4	10	●	○	●
	32150D50A55		32150D50A55	4.7	3.6	1.2	15	30	0.5	55	0.08	48-32	5	15	●	○	●
	32150D60A55		32150D60A55	5.7	4.0	1.8	15	30	0.5	55	0.08	48-32	6	15	●	○	●
	24150D40A55		24150D40A55	3.7	2.6	1.2	15	30	0.6	55	0.12	32-24	4	15	●	○	●
	24150D50A55		24150D50A55	4.7	3.5	1.3	15	30	0.6	55	0.12	32-24	5	15	●	○	●
	24150D60A55		24150D60A55	5.7	3.8	2.0	15	30	0.6	55	0.12	32-24	6	15	●	○	●
	20150D60A55		20150D60A55	5.7	3.8	2.0	15	30	0.7	55	0.15	24-20	6	15	●	○	●
	16150D60A55		16150D60A55	5.7	3.8	2.0	15	30	0.8	55	0.18	20-16	6	15	●	○	●

SBXR
整体合金小径内孔倒拉刀



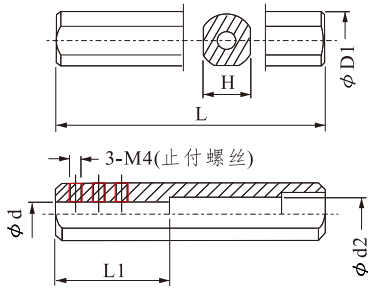


SBXR

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	ΦD	F	S	L2	L1	R	最小加工直径 D1min	CP1120	CP8130	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



型號	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

型號	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：

不锈钢，钛合金，高温合金，钢件及铸铁加工。

CP2630T , CP1125: 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.

CP2630T , CP1125: Universal grade.

CP2430: High speed cutting & intractable work-piece.

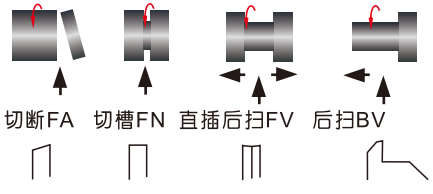
		PVD			硬质合金	
		CP2630T	CP2430	CP1125	CW20	加工参数 parameters Vc (mm/min)
工件材质	P 钢件加工 Steel	●	●	●		80-120-160
	M 不锈钢 Stainless steel	●	●	●		60-80-120
	K 铸铁 Cast iron	●	●			120-150-200
	S 钛合金 Titanium alloy	●	●	●		30-40-50
	S 耐热合金 Heat-resisting steel	●	●	●		40-50-60
	N 铝合金 Nonferrous meter				●	150-180-250
型号规格						螺纹型号
带槽型 Groove type	11IRM	●	●	●		ISO UN BSW BSPT NPT TR ACME SAGE RD APIRD
	16IRM , 16ERM	●	●	●		
	22IRM , 22ERM	●				
全磨制 Grinding	06IR	●	●		●	
	08IR	●	●		●	
	11IR	●	●		●	
	16IR , 16ER	●	●		●	
	22IR , 22ER	●			●	
	27IR , 27ER	●			●	

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

CMT(L)PR / L
精磨切断切槽刀片

CMT(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。

CP2130: 通用加工材质，中低速加工。

CP8130: 通用加工材质，中高速加工。

CP9030: 钛合金,不锈钢,高温合金及钢件加工。

CW20(硬质合金): 铝合金加工。

Feature:

Sharp edge, well chip breaking, covering both superfinishing .

Application:

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

CP2130: General processing materials, Low speed machining.

CP8130: General processing materials, High speed machining.

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

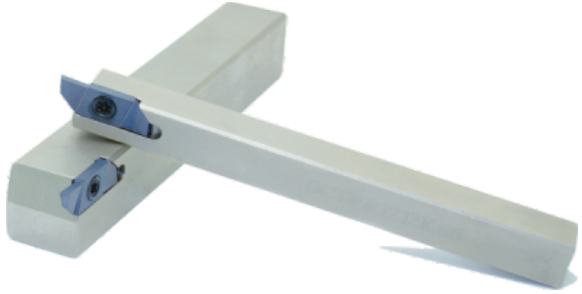
CW20: Non ferrous metal processing.

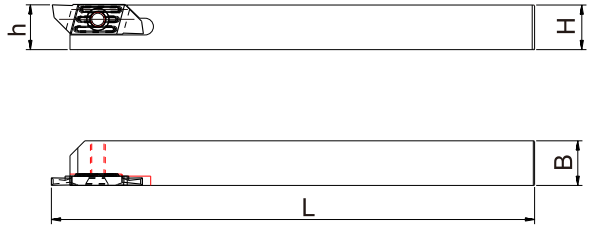
● 首选； ○ 可选

型号规格		工件材质		PVD涂层			合金
		P	钢 Steel	❁	❁	❁	
		P	高硬度钢 HRC45-58 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			❁	
例: CMTPR100FN.CP2130 CMTLPR100FN.CP2130		刀片用途 / 有效切深		CP1120	CP2130	CP2630T	CW20
右手刀片	左手刀片	槽宽 WH13	切槽 FN	切断 FA	切槽,后扫 FV	后扫 BV	
CMTPR050	CMTPL050	0.5	2.0	2.0			● ● ● ●
CMTPR080	CMTPL080	0.8	3.0	3.5	3.0		● ● ● ●
CMTPR100	CMTPL100	1.0	4.0	5.0	4.0		● ● ● ●
CMTPR125	CMTPL125	1.25	4.0	5.0			● ● ● ●
CMTPR150	CMTPL150	1.5	5.5	6.5	4.0		● ● ● ●
CMTPR175	CMTPR175	1.75	5.5	6.5			● ● ● ●
CMTPR200	CMTPL200	2.0	5.5	6.5			● ● ● ●
CMTPR250	CMTPL250	2.5	5.5	6.5		4.0	● ● ● ●
CMTLPR050	CMTLPL050	0.5	3.0	3.0			● ● ● ●
CMTLPR080	CMTLPL080	0.8	3.5	4.0	3.0		● ● ● ●
CMTLPR100	CMTLPL100	1.0	6.0	6.0	4.0		● ● ● ●
CMTLPR125	CMTLPL125	1.25	6.0	6.5			● ● ● ●
CMTLPR150	CMTLPL150	1.5	7.0	7.0	4.0		● ● ● ●
CMTLPR175	CMTLPL175	1.75	8.0	8.0			● ● ● ●
CMTLPR200	CMTLPL200	2.0	8.0	11.0			● ● ● ●
CMTLPR250	CMTLPL250	2.5	8.0	11.0		4.0	● ● ● ●

CTPR 外圆切断车刀（切断，切槽，后扫加工）

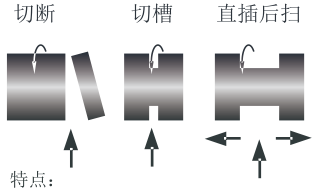
CTPR/L□□□□□□ K-□□





本图例为右手刀(R)　RIGHT HAND SHOWN

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			
CMTPR0808K66	CMTPL0808K66	8	125	-	8.1	MS4080	T15	CTPR □□□ CTPL □□□
CMTPR1010K66	CMTPL1010K66	10	125	-	10.1			
CMTPR1212K66	CMTPL1212K66	12	125	-	12.1			
CMTPR1616M66	CMTPL1616M66	16	125	-	16.1			
CMTPR2020K66	CMTPL2020K66	20	125	-	20.1			
CMTPR2525M66	CMTPL2525M66	25	150	-	25.1			
CMTLPR1212K86	CMTLPL1212K86	12	125	-	12.1	MS4080	T15	CTLPR □□□ CTLPL □□□
CMTLPR1616M86	CMTLPL1616M86	16	125	-	16.1			
CMTLPR2020K86	CMTLPL2020K86	20	125	-	20.1			
CMTLPR2525M86	CMTLPL2525M86	25	150	-	25.1			



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，定位强度好。

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

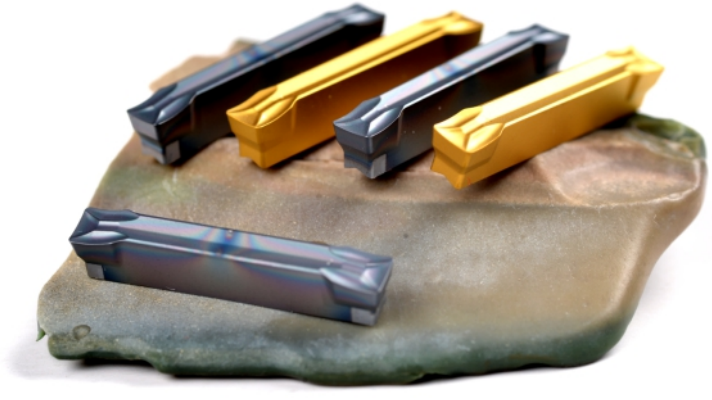
高温合金，不锈钢，钢件加工。

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	
			CP2430	CP2130H	CPA2140K	CC1035G	加工参数 parameters Vc (mm/min)
工件材质	P	钢件加工 Steel	●	●	●		80-120-160
	P	钢件高速加工 Steel		●	●	●	140-180-220
	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		刀尖 R					每转进给 f mm
平头	CD22N2.00S-0.2T	0.2	●	●	●		0.05-0.07-0.10
	CD22N2.50S-0.2T	0.2	●	●	●		0.06-0.08-0.12
	CD22N3.00S-0.3T	0.3	●	●	●	●	0.07-0.10-0.20
	CD25N4.00S-0.4T	0.4	●	●	●	●	0.08-0.20-0.30
	CD25N5.00S-0.4T	0.4	●	●	●	●	0.12-0.25-0.35
圆头	CD22N3.00S-1.5R	1.5	●	●	●		0.05-0.08-0.12
	CD25N4.00S-2.0R	2.0	●	●	●		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
正刀	反刀	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	BS0616	S5	
TER20-24-CD22-2	TEL20-24-CD22-2	2	20	125	20.25	12	BS0620		
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	
TER16-32-CD22-2.5	TEL16-32-CD22-2.5	2.5	16	125	16.3	16	BS0616	S5	
TER20-32-CD22-2.5	TEL20-32-CD22-2.5	2.5	20	125	20.3	16	BS0620		
TER25-32-CD22-2.5	TEL25-32-CD22-2.5	2.5	25	150	25.3	16			
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			

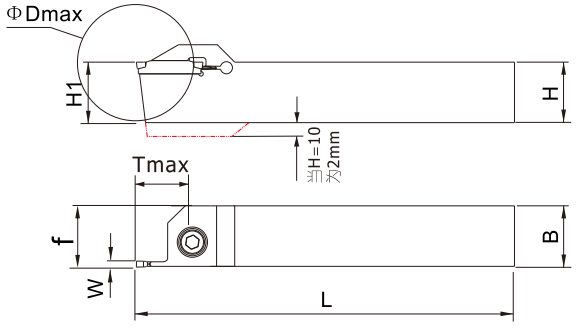
双头外圆浅切断，切槽车刀

（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：

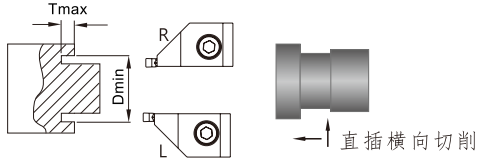
当切断实心棒料时，切断刀片宽度选择:

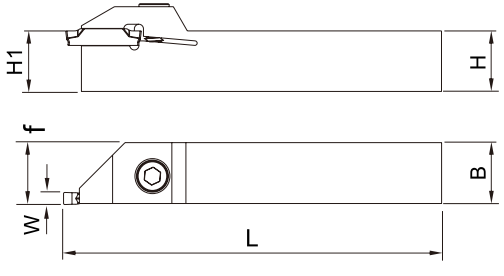
刀片宽度W= $\frac{\text{切断工件直径D}}{5\text{-}8}$

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			
TER16-8-CD22-2.5	TEL16-8-CD22-2.5	2.5	16	125	16.3	8	BS0616	S5	
TER20-8-CD22-2.5	TEL20-8-CD22-2.5	2.5	20	125	20.3	8	BS0620		
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apmax=WX0.8.

本图例为右手刀（R）RIGHT HAND SHOWN

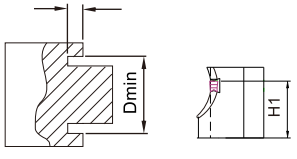
型号 MODEL NO.		尺寸 mm			最小加工直径 Dmin	最大加工深度 Tmax	螺钉	扳手	刀片型号
正刀	反刀	W	H H1 B	L					
TSFR16-28-CD22-2	TSFL16-24-CD22-2	2	16	100	28	5	BS0616	S5	CD22N2.00
TSFR20-28-CD22-2	TSFL20-24-CD22-2	2	20	125	28	5	BS0620		
TSFR25-28-CD22-2	TSFL25-24-CD22-2	2	25	150	28	5			
TSFR16-29-CD22-2.5	TSFL16-24-CD22-2.5	2.5	16	100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

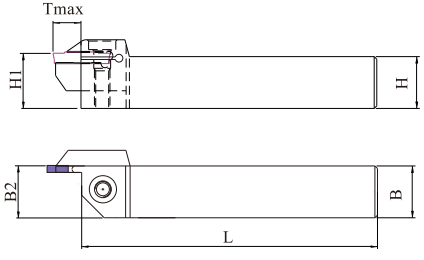
外圆深端面切槽车刀

TJFR/L□□ / □□CD2□-□

本圖爲右手刀（R）RIGHT HAND SHOWN







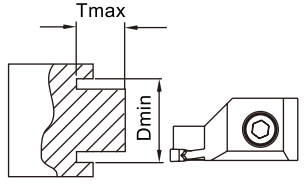
型号 MODEL NO.		尺寸 mm				加工直径范围 Dmin	最大加工深度 Tmax	螺钉	扳手	刀片型号
正刀	反刀	W	H H1 B	L	B2					
TJFR20-24/38-CD22-3	TJFL20-24/38-CD22-3	3.0	20	125	20.35	24-38	10	BS0620	S5	CD22N3.00 CD22S3.00
TJFR20-36/60-CD22-3	TJFL20-36/60-CD22-3	3.0	20.	125	20.35	36-60	12			
TJFR20-54/82-CD22-3	TJFL20-54/82-CD22-3	3.0	20	125	20.35	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			

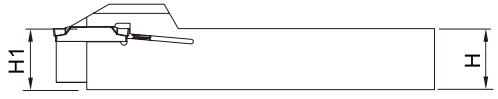
外圆深端面切槽车刀

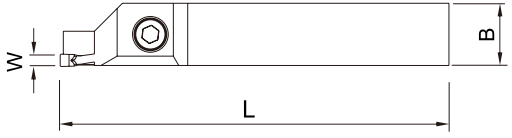
TFR/L□□ -□□CD2□- □

本图例为右手刀（R) RIGHT HAND SHOWN







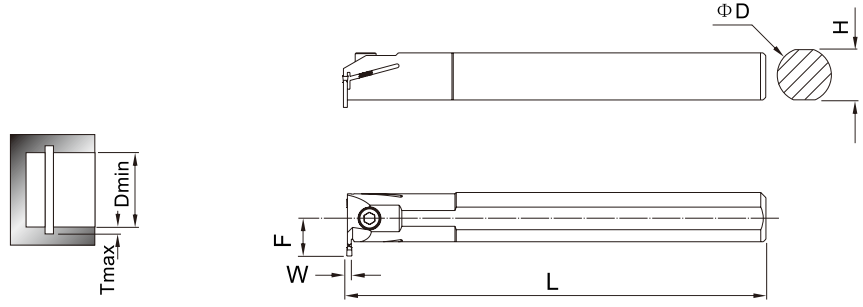


型号 MODEL NO.		尺寸 mm			加工直径范围 Dmin	最大加工深度 Tmax	螺钉	扳手	刀片型号
正刀	反刀	W	H H1 B	L					
TFR20-24/38-CD22-3	TFL20-24/38-CD22-3	3	20	125	24-38	10	BS0620	S5	CD22N3.00 CD22S3.00
TFR20-36/60-CD22-3	TFL20-36/60-CD22-3	3	20	125	36-60	12			
TFR20-54/82-CD22-3	TFL20-54/82-CD22-3	3	20	125	54-82	12			
TFR20-80-CD25-3	TFL20-80-CD25-3	3	20	125	80-120	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			
TFR25-80-120-CD22-3	TFL25-80-120-CD22-3	3	25	150	80-120	15			
TFR20-22/36-CD25-4	TFL20-22/36-CD25-4	4	20	125	22-36	12	BS0620	S5	CD25N4.00 CD22S4.00
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

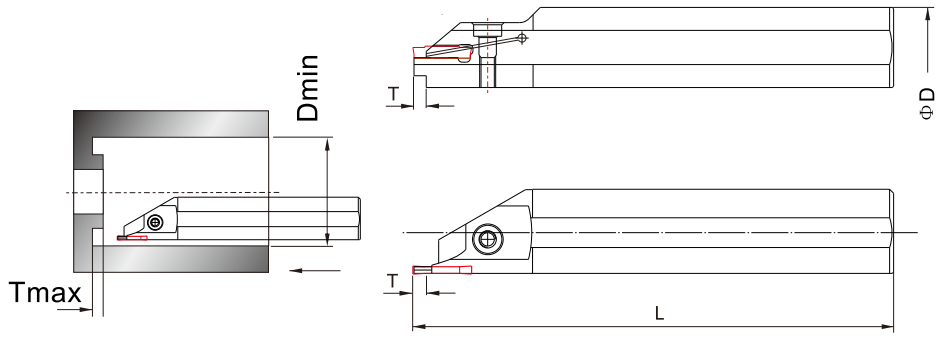
型号 MODEL NO.		尺寸 mm			最小加工直径 Dmin	最大加工深度 Tmax	螺钉	扳手	刀片型号
正刀	反刀	W	D	L					
TIR20-CD22-2	TIL20-CD22-2	2	20	160	26	3	BS0516	S4	CD22N2.00
TIR25-CD22-2	TIL25-CD22-2	2	25	200	30	3	BS0520		
TIR20-CD22-3	TIL20-CD22-3	3	20	160	26	4.5	BS0616	S5	CD22N3.00 CD22S3.00
TIR25-CD25-3	TIL25-CD25-3	3	25	200	30	4.5	BS0620		
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.	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
正刀	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		
TFUR20-CD4/5/32	4	20	125	32	5.5	BS0616	S5	CD25N4.00S-0.4T CD22S-4.00S-2.00-R
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.



工件材质		型号规格	刀尖R	PVD			CVD	加工参数 parameters
				CP2130	CP8130	CP2430G	CC1035G	Vc (mm/min)
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	刀尖R					每转进给 f mm
	平头	MGMN150-G	0.2	●	●	●		0.05-0.06-0.07
		MGMN200-G	0.2	●	●	●		0.05-0.07-0.10
		MGMN250-G	0.2	●	●	●		0.06-0.08-0.12
		MGMN300-M	0.4	●	●	●	●	0.07-0.10-0.20
		MGMN400-M	0.4	●	●	●	●	0.10-0.20-0.30
		MGMN500-M	0.8	●	●	●	●	0.12-0.25-0.35
		MGMN600-M	0.8	●	●	●		0.15-0.25-0.35
	圆头	MRMN200-M	1.0	●	●	●		0.05-0.06-0.08
		MRMN300-M	1.5	●	●	●		0.05-0.08-0.12
		MRMN400-M	2.0	●	●	●		0.06-0.10-0.15
		MRMN500-M	2.5	●	●	●		0.06-0.10-0.15
	平头	MGMN200-T	0.2		●	●		0.05-0.07-0.10
		MGMN250-T	0.2		●	●		0.07-0.10-0.20
		MGMN300-T	0.4		●	●		0.10-0.20-0.30
		MGMN400-T	0.4		●	●		

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		
			CP9030	CP2130H	加工参数 parameters Vc (mm/min)
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

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		
			CP2430G	CP8130	加工参数 parameters
					Vc (mm/min)
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	
		CP2130	CP8130	CW20	加工参数 parameters
					Vc (mm/min)
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
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。

工件材质		PVD CP2130	PVD CP8130	硬质合金 CW20	加工参数 parameters Vc (mm/min)
	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/L023-250		●	●	●	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	
		CP2130	CP8130	CW20	加工参数 parameters Vc (mm/min)
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.

CP2630T:





			PVD			
			CP2630T	CP2430	CP2430G	加工参数 parameters
						Vc (mm/min)
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

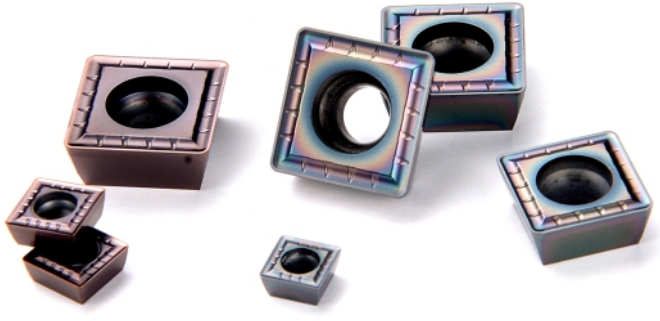
特点：

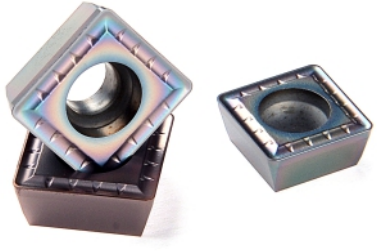
切削阻力小，铁屑控制好，高品质，高稳定性的通用产品；性能超越进口同类顶级产品。

Feature:

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

Performance exceed famous brand.



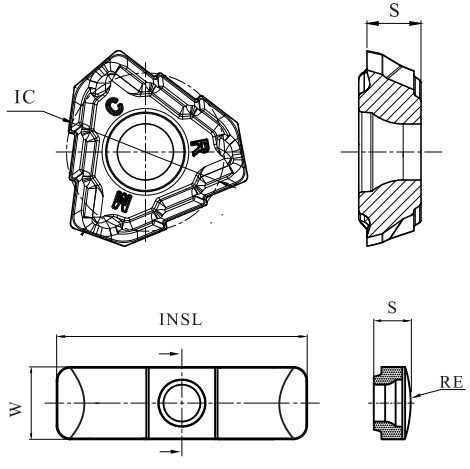


		PVD				
		CP2430	CP2630T	CP2430G	CP2130H	加工参数 parameters Vc (mm/min)
工件材质	P 钢件加工 Steel	✱	✱	●	✱	80-120-160
	M 不锈钢 Stainless steel	✱	✱	●	✱	60-80-120
	K 铸铁 Cast iron	✱	✱	✱		120-150-200
	S 钛合金 Titanium alloy	✱	✱		✱	40-60-80
	S 耐热合金 Heat-resisting steel	✱	✱		✱	40-60-80
型号规格						f (mm/rev)
压制	SPMT050204-U		✱	●		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



工件材质		PVD CP8130	PVD CP2630T	PVD CP2430	PVD CP2130H	加工参数 parameters Vc (mm/min)
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	LOHT060204R-CM				●	●	●	●	0.04-0.10
	TOHT070304R-CM	14 - 15.99	7.69	2.3	●	●	●	●	0.04-0.12
	TOHT080305R-CM	16 - 18	8.55	2.8	●	●	●	●	0.05-0.14
	TOHT090305R-CM	18.01 - 20	9.22	3.0	●	●	●	●	0.05-0.16
	TOHT100305R-CM	20.01 - 21.99	10.13	3.3	●	●	●	●	0.05-0.18
	TOHT110405R-CM	22 - 25	11.30	3.8	●	●	●	●	0.05-0.20
	TOHT120405R-CM	25.01 - 28	12.49	4.3	●	●	●	●	0.05-0.20
	TOHT130408R-CM	28.01-30			●	●	●	●	0.05-0.20

	型号规格	钻孔范围Dmm	W	INSL	S	RE					通装
导向条 Guide pads	GP04-055	12 - 13.99	4	16	2.0	55	●	●			Iscar Taegutec
	GP05-060	14 - 15.99	5	18	2.5	65	●	●			
	GP05-075	16-18	5	18	2.5	75	●	●			
	GP06-075	16-18	6	20	3	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	●	●			
	GP07-120	33.01-38	7	20	3.5	120	●	●			
	GP08-155	38.01-40	8	25	4.5	155	●	●			
	GP10-200	40.01-45	10	30	5.5	200	●	●			


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