

SH//REATE

苏州新锐新材料科技有限公司
Suzhou Shareate Advanced Material Technology Co., LTD

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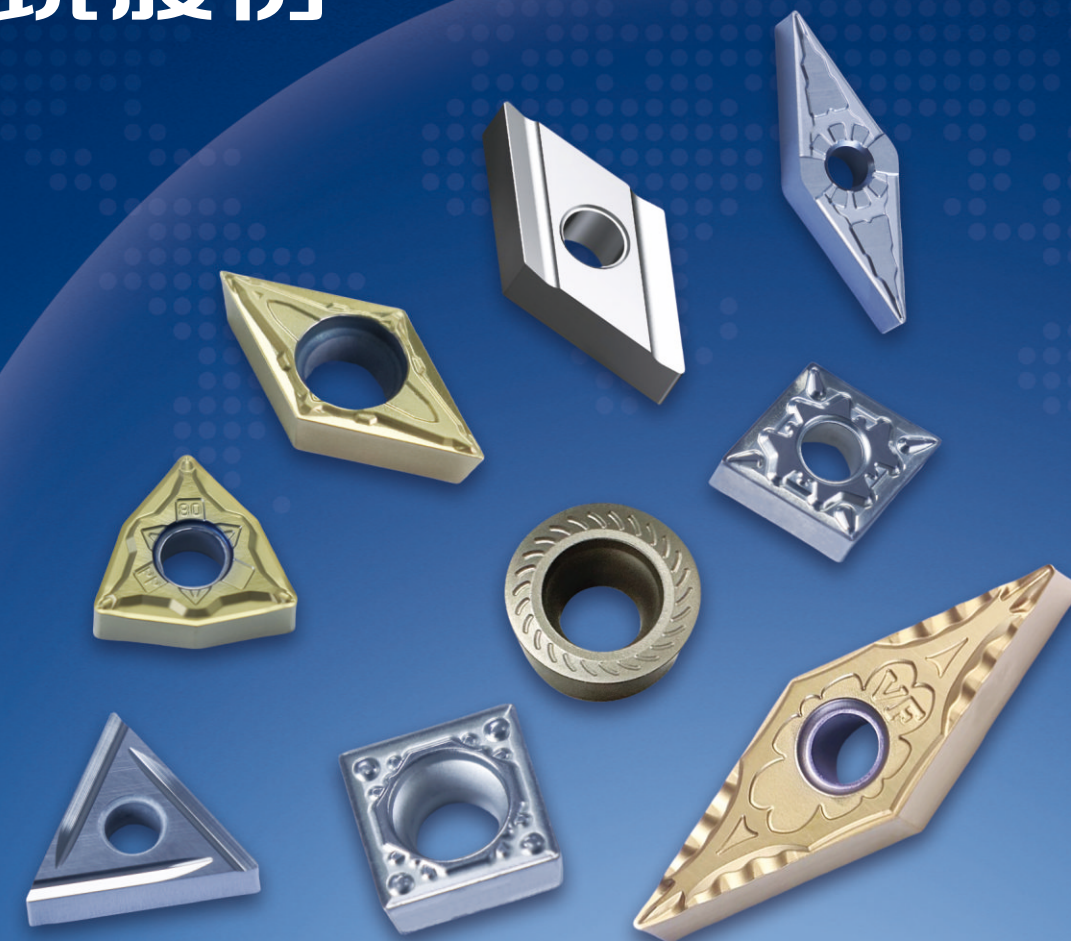
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SH//REATE
新锐股份



金属陶瓷材料及切削工具

Cermet Materials and Cutting Tools

苏州新锐新材料科技有限公司
Suzhou Shareate Advanced Material Technology Co., LTD

公司介绍

Company Profile

苏州新锐新材料科技有限公司是一家专注于金属陶瓷材料及刀具的制造型企业，依托上市母公司苏州新锐合金工具股份有限公司的先进平台。新锐新材料公司通过自主知识产权的研发创新，以及由高端设备组成的全流程生产线和专业人才团队，致力于提升金属陶瓷材料和刀具的各项应用性能，实现进口产品的国产化替代。为广大客户提供以金属陶瓷材料及刀具为主的加工解决方案。

目前我司产品广泛应用于航空、通用机械、精密电子、汽车制造、模具加工等多个领域，业务范围遍及国内外多个国家和地区，持续为客户们提供长期、稳定、满意的产品和服务。

苏州新锐合金工具股份有限公司是一家专注于硬质合金制品与矿用凿岩工具及矿山服务，集研发、制造、销售、服务为一体的国际化制造服务商，在苏州和武汉均有生产基地，下设工程工具事业部、硬质合金事业部、型材事业部、武汉新锐合金工具有限公司等多家分公司、子公司。公司于2021年10月在上海证券交易所登陆科创板正式挂牌上市（股票代码“688257”）。

公司通过了API及ISO9000质量体系和产品双认证，并先后通过“江苏省企业技术中心”、“江苏省高新技术企业”、“江苏省高效凿岩工具工程技术研究中心”以及“高端超细硬质合金材料工程技术研究中心”“江苏省两化融合示范企业”等认定，产品获得“江苏省名牌产品”、“江苏省高新技术产品”称号以及“国家标准合格单位、质量跟踪重点保护产品”证书。

Suzhou Xinrui New Material Technology Co., Ltd. is a manufacturing enterprise focusing on cermet materials and tools, relying on the advanced platform of the listed parent company Suzhou Xinrui Alloy Tools Co., Ltd., Xinrui New Materials Co., Ltd. is committed to improving the application performance of cermet materials and tools through the innovation of independent intellectual property rights, as well as the full-process production line and professional talent team composed of high-end equipment, realizing the localization of imported products, and providing processing solutions based on cermet materials and tools.

At present, our products are widely used in aviation, general machinery, precision electronics, automobile manufacturing, mold processing and other fields, and our business scope covers many countries and regions at home and abroad, and we continue to provide customers with long-term, stable and satisfactory products and services.

Shareate Tools Ltd. classified as a national high-tech enterprise, is a professional company which integrates the design, development, manufacturing and sales of cemented carbide products and drilling tools. We have two manufacturing bases, which are located at Suzhou and Wuhan, both with the world-class advanced production and inspection equipment and the state-of-the-art and continuously expanding R&D and manufacture base for Cemented carbide and drilling tools in China. We listed on the Science and Technology Innovation Board of Shanghai Stock Exchange in October 2021 (Stock Code "688257").

Shareate Tools Ltd. possesses the strength of technical innovation and has formed the systematic proprietary intellectual property rights and technology. We passed ISO quality system certificate and API certificate in 2001 and 2008 respectively and maintain both of the certificates ever since. Currently, we have gained 35 authorized patents, in which 14 innovation patents, and 40 items of proprietary technology. The established Jiangsu Technology Center and Jiangsu Engineering & Technological Research Center will be laying the firm foundation for our continuous innovation.

生产及检测设备

Manufacturing and testing equipment

公司拥有大量国内外先进的生产制造及检测设备，并独立形成了设计、开发、生产和服务的产品质量保证模式。

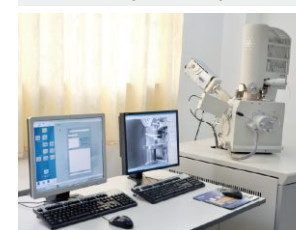
The company has a variety of domestic and imported advanced manufacturing and testing equipment and established quality assurance model for design, development, production and service independently.



热压烧结炉
Hot Pressing Sintering Furnace



干袋冷等静压机
Dry Bag Cold Isostatic Press



扫描电镜/能谱仪
SEM/EDS



总碳仪
Total Carbon Analyzer



生产车间
Production Workshop

金属陶瓷介绍

Introduction of Cermet

定义及特征 / Definition

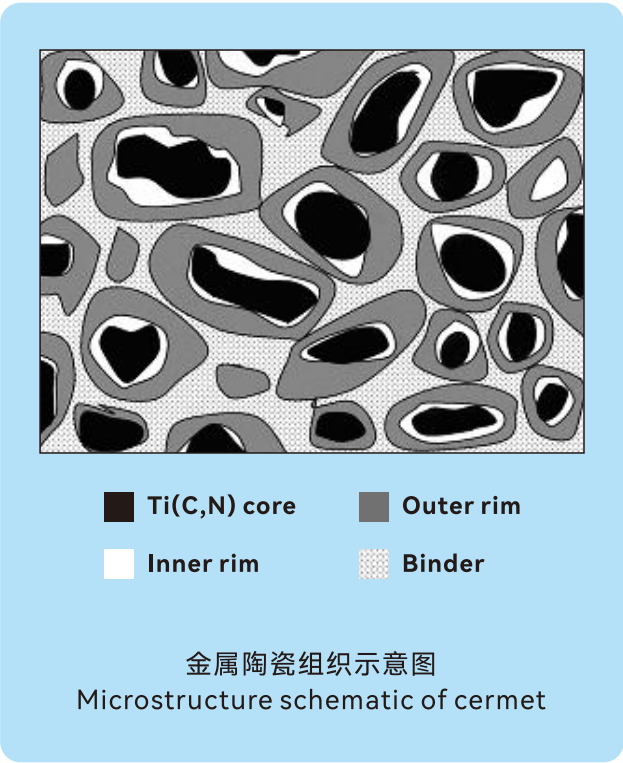
金属陶瓷是一种由陶瓷硬质相(碳化钛)与金属粘结相(Mo, Ni)组成的复合材料, 它既具有陶瓷材料的高硬度、高耐磨、耐腐蚀以及抗高温氧化的性能特点, 同时还兼具金属材料较好的韧性。

Cermet is a kind of composite material consisting of ceramic particles bonded with a metal binder phase, which combines the favorable properties of ceramics (high hardness and wear, corrosion and high-temperature oxidation resistance) with those of metals (toughness especially).

应用领域 / Application area

金属陶瓷独特的理化性能可使其广泛用作数控刀具、3C模具、各类高温耐磨零部件以及电缆和化纤行业用特殊切断刀等。

The unique physical and chemical properties of Ti(C,N)-based cermets makes it a promising material for cutting tools, 3C molds, high temperature wear-resistant parts and special cutting blades for cables and chemical fibers, etc.



可转位刀片ISO/ANSI型号表示方法

代号	刀片形状
H	正六角形
O	正八角形
P	正五角形
S	正方形
T	正三角形
C	菱形顶角80°
D	菱形顶角55°
E	菱形顶角75°
F	菱形顶角50°
M	菱形顶角86°
V	菱形顶角35°
W	等边不等角六角形
L	长方形
A	平行四边形顶角85°
B	平行四边形顶角82°
K	平行四边形顶角55°
R	圆形
X	特殊异形

① 形状代号

代号 (级)	公差(mm)		
	刀尖高度差	厚度公差	内接圆公差
A	±0.005	±0.025	±0.025
F			±0.13
C	±0.013		±0.025
H			±0.13
E	±0.025	±0.13	±0.025
G			
J	±0.005	±0.025	±0.05 - ±0.15
K*	±0.013		
L*	±0.025		
M*	±0.08 - ±0.18	±0.13	
N*		±0.025	
U*		±0.13 - ±0.38	
		±0.13	±0.08 - ±0.25

*标记表示其为侧面不研磨的刀片

③ 精度代号

C N M G

② 后角代号		
代号	后角	图示
A	3°	
B	5°	
C	7°	
D	15°	
E	20°	
F	25°	
G	30°	
N	0°	
P	11°	
O	其他	

④ 槽、孔代号				
代号	有无孔	孔的形状	断屑槽	
N	无	-	无	
R			单面	
F			双面	
A	有孔	圆柱孔	无	
M			单面	
G			双面	
W		圆柱孔, 单面倒角 40°-60°	无	
T			单面	
Q		圆柱孔, 双面倒角 40°-60°	无	
U			双面	
B		圆柱孔, 单面倒角 70°-90°	无	
H			单面	
C		圆柱孔, 双面倒角 70°-90°	无	
J			双面	
X	-	-	-	-

							内接圆直径 (mm)	IC Size (inch)	代号
03	04		03	06			3.97	5/32	12
04	05		04	08	08		4.76	3/16	15
		05					5		
05	06		05	09		03	5.56	7/32	18
		06					6		
06	07		06	11	11	04	6.35	1/4	2
08	09		07	13		05	7.94	5/16	25
		08					8		
09	11	09	09	16	16	06	9.525	3/8	3
	12	10					10		
		12					12		
12	15	12	12	22	22	08	12.7	1/2	4
16	19	15	15	27	27	10	15.875	5/8	5
		16					16		
19	23	19	19	33	33	13	19.05	3/4	6
		20					20		
22	27		22	38			22.225	7/8	7
		25					25		
25	31	25	25	44	44	17	25.4	1	8
32	38	31	31	54	54	21	31.75	1-1/4	10
		32					32		
⑤ 切削刃长度代号 (ISO)							内接圆直径 (mm)	⑤ 内接圆直径 (ANSI)	

ISO		ANSI	
代号	厚度 (mm)	代号	厚度 (inch)
S1	1.39	-	-
O1	1.59	1	1/16
T0	1.79	-	-
T1	1.98	12	5/64
O2	2.38	15	3/32
T2	2.78	-	-
O3	3.18	2	1/8
T3	3.97	25	5/32
O4	4.76	3	3/16
O5	5.56	35	7/32
O6	6.35	4	1/4
O7	7.94	5	5/16
O9	9.52	6	3/8
 ※厚度指刀片底面与切削刃最高点的距离			
⑥ 刀片厚度代号			

12

04

08

(E)

(N)

TM

⑦ 刀尖圆弧代号			
ISO		ANSI	
代号	刀尖半径 (mm)	代号	厚度 (inch)
00	无圆角	00	.000
V3	0.03	01	.001
V5	0.05	013	.002
01	0.1	02	.004
02	0.2	05	.008
04	0.4	1	1/64
08	0.8	2	1/32
12	1.2	3	3/64
16	1.6	4	1/16
20	2	5	5/64
24	2.4	6	3/32
28	2.8	7	7/64
32	3.2	8	1/8

⑧ 刃口处理代号		
形状	刃口磨修	代号
	尖锐刀刃	F
	倒圆刀刃	E
	倒棱刀刃	T
	双重处理刀刃	S

⑨ 切削方向代号		
形状	切削方向	代号
	右手	R
	左手	L
	左、右	N

⑩ 刀片断屑槽代号
主切削刃断屑槽代号
其他自定义代号

金属陶瓷牌号

被切材料		钢 (碳钢/合金钢)					不锈钢/铸钢					铸铁 (灰口铸铁/球墨铸铁)			
切削领域		精加工 ← 粗加工					精加工 ← 粗加工					精加工 ← 粗加工			
使用分类		P01	P10	P20	P30	P40	M01	M10	M20	M30	M40	K01	K10	K20	K30
金属陶瓷	无涂层	ST41					ST41					ST41			
		ST45					ST45					ST45			
	PVD	PV41					PV41					PV41			
		PV45					PV45					PV45			

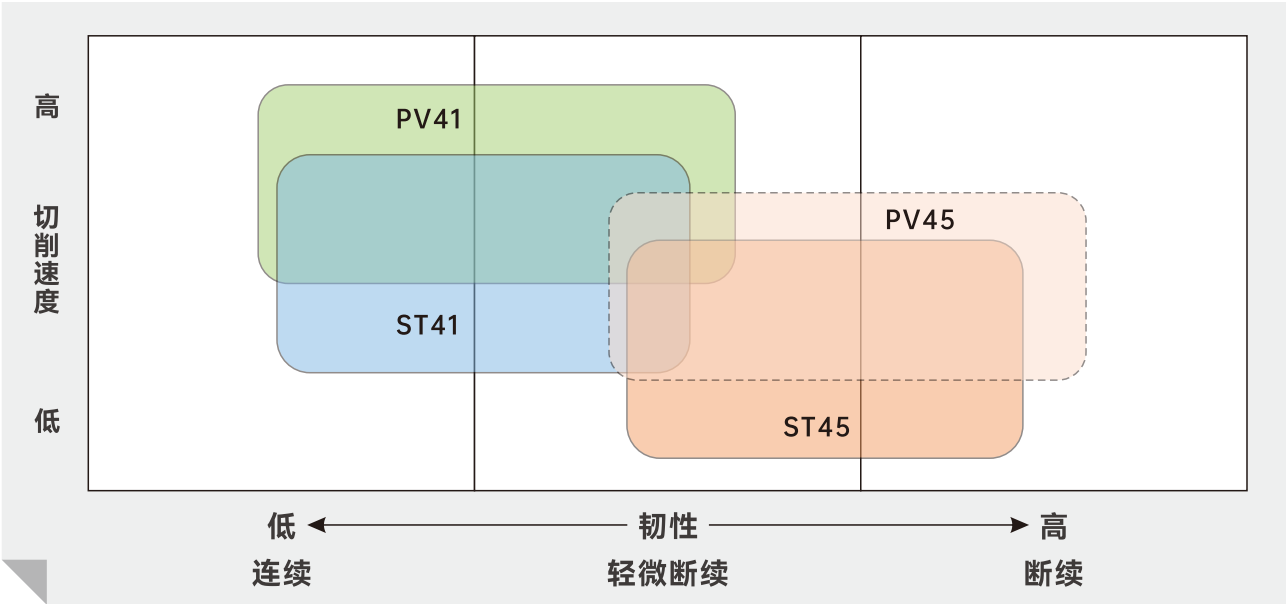
金属陶瓷特性

使用分类	材质牌号		外观颜色	涂层硬度	摩擦系数	涂层厚度	抗氧化温度	适用范围
P M K	金属陶瓷	ST41	亮灰色					○通用性强，高耐磨性的金属陶瓷 ○用途：推荐钢件切削使用，高速连续切削
		ST45	亮灰色					○通用性强，高耐磨性的金属陶瓷 ○用途：推荐钢件切削使用，稳定切削
	PVD金属陶瓷	PV41	金黄色	3200	0.45	2-5	800	○高耐磨金属陶瓷覆膜耐磨抗粘性能均衡的PVD涂层 ○用途：钢件、合金钢高速耐久切削
		PV45	金黄色	3500	0.45	3-4	900	○强韧性金属陶瓷覆膜耐磨抗粘性能均衡的PVD涂层 ○用途：钢件、合金钢高速耐久切削

金属陶瓷数控刀

Cermet Digital Cuttings

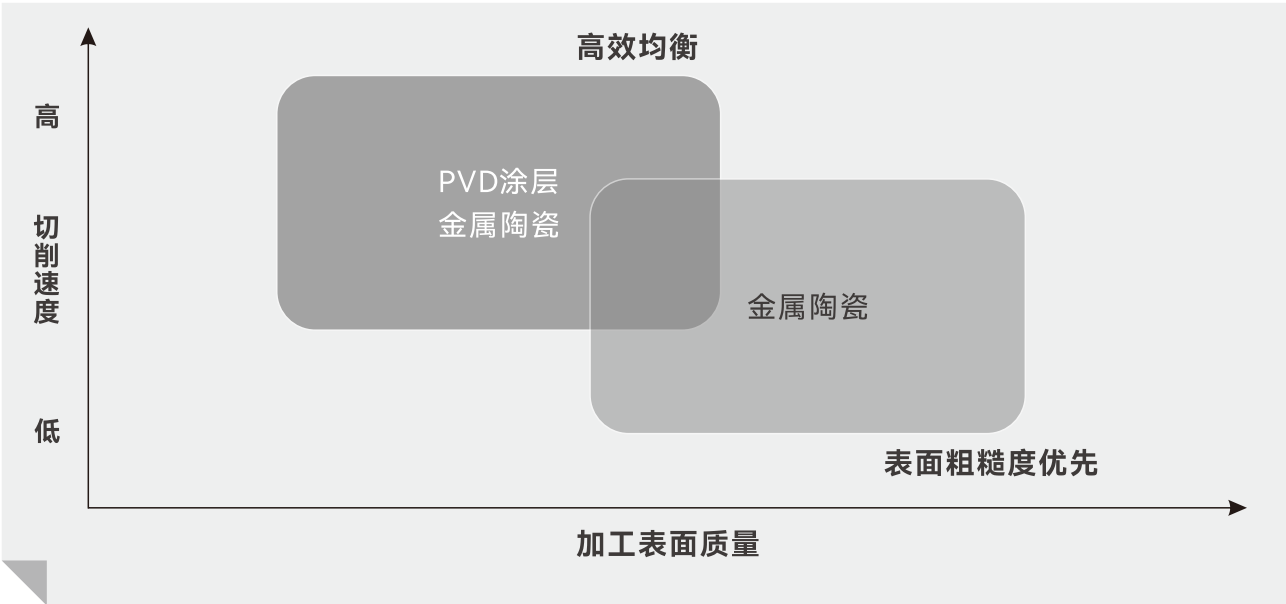
牌号适用示意图



基础牌号（无涂层金属陶瓷）
ST41：高耐磨性能金属陶瓷
ST45：抗崩性与耐磨性能兼具金属陶瓷

涂层牌号（PVD涂层金属陶瓷）
PV41：钢件高速稳定长效切削
PV45：钢件不稳定工况切削加工

牌号适用范围



规格尺寸 / Size

金属陶瓷数控刀片

CN

● 常备库存

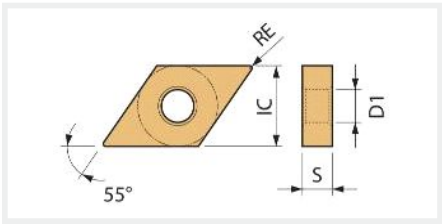
○ 可订制品

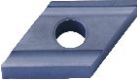
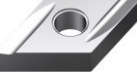
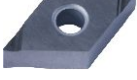
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	CNMG							
	120404 371 120408 371	12.70 12.70	4.76 4.76	0.4 0.8	● ●	○ ○	● ●	○ ○
	CNMG							
	120404 FG1 120408 FG1	12.70 12.70	4.76 4.76	0.4 0.8	● ●	○ ○	● ●	○ ○
	CNMG							
	120404 HQ1 120408 HQ1	12.70 12.70	4.76 4.76	0.4 0.8	● ●	○ ○	● ●	○ ○
	CNMG							
	120404 MS1 120408 MS1	12.70 12.70	4.76 4.76	0.4 0.8	● ●	○ ○	● ●	○ ○
	CNMG							
	120404 MT1 120408 MT1	12.70 12.70	4.76 4.76	0.4 0.8	● ●	○ ○	● ●	○ ○
	CNMG							
	120404 PP1 120408 PP1	12.70 12.70	4.76 4.76	0.4 0.8	● ●	○ ○	● ●	○ ○
	CNMG							
	120404 TS1 120408 TS1	12.70 12.70	4.76 4.76	0.4 0.8	● ●	○ ○	● ●	○ ○
	CNGG							
	120402 R/L H1 120404 R/L H1 120408 R/L H1	12.70 12.70 12.70	4.76 4.76 4.76	0.2 0.4 0.8	● ● ●	○ ○ ○	● ● ●	○ ○ ○
	CNGG							
	120402 R/L C1 120404 R/L C1 120408 R/L C1	12.70 12.70 12.70	4.76 4.76 4.76	0.2 0.4 0.8	● ● ●	○ ○ ○	● ● ●	○ ○ ○
	CNGG							
	120402 R/L P1 120404 R/L P1 120408 R/L P1	12.70 12.70 12.70	4.76 4.76 4.76	0.2 0.4 0.8	● ● ●	○ ○ ○	● ● ●	○ ○ ○
	CNGG							
	120402 R/L S1 120404 R/L S1 120408 R/L S1	12.70 12.70 12.70	4.76 4.76 4.76	0.2 0.4 0.8	● ● ●	○ ○ ○	● ● ●	○ ○ ○

金属陶瓷数控刀片

DN

- 常备库存
- 可订制品

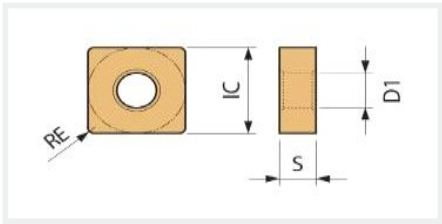


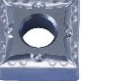
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		12.70	4.76	0.8	●	○	●	○
	DNMG 150404 R/L S1 150408 R/L S1	12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	DNMG 150404 R/L VF1	12.70 12.70	4.76	0.4	●	○	●	○
	DNMG 150404 MT1 150408 MT1	12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	DNMG 150404 PP1 150408 PP1	12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	DNMG 110402 R/L C1 110404 R/L C1 110408 R/L C1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	DNMG 110402 R/L H1 110404 R/L H1 110408 R/L H1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	DNMG 110402 R/L S1 110404 R/L S1 110408 R/L S1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	DNMG 150402 R/L C1 150404 R/L C1 150408 R/L C1	12.70	4.76	0.2	●	○	●	○
		12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	DNMG 150402 R/L S1 150404 R/L S1 150408 R/L S1	12.70	4.76	0.2	●	○	●	○
		12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	DNMG 150402 R/L H1 150404 R/L H1 150408 R/L H1	12.70	4.76	0.2	●	○	●	○
		12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○

金属陶瓷数控刀片

SN

- 常备库存
- 可订制品

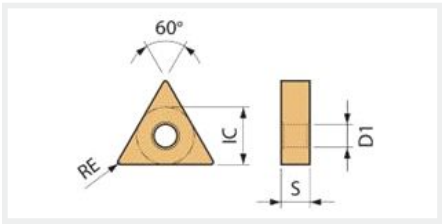


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	SNMG 120404 HQ1 120408 HQ1	12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	SNMG 120404 MT1 120408 MT1	12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	SNMG 120404 TS1 120408 TS1	12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	SNGG 120402 R/L C1 120404 R/L C1	12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	SNGG 090302 R/L B1 090304 R/L B1	9.525	3.18	0.2	●	○	●	○
		9.525	3.18	0.4	●	○	●	○

金属陶瓷数控刀片

TN

- 常备库存
- 可订制品



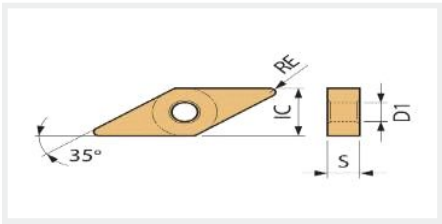
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	TNMG 160404 371 160408 371	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160404 FG1 160408 FG1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160404 HQ1 160408 HQ1 160412 HQ1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
		9.525	4.76	0.12	●	○	●	○
	TNMG 160404 R/L FS1 160408 R/L FS1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160404 R/L S1 160408 R/L S1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160404 R/L VF1 160408 R/L VF1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160404 MS1 160408 MS1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160404 MT1 160408 MT1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160402 PP1 160404 PP1 160408 PP1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160404 TS1 160408 TS1	9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNMG 160402 R/L C1 160404 R/L C1 160408 R/L C1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○

外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	TNGG 160402 R/L C1 160404 R/L C1 160408 R/L C1 220402 R/L C1 220404 R/L C1 220408 R/L C1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
		12.70	4.76	0.2	●	○	●	○
		12.70	4.76	0.4	●	○	●	○
		12.70	4.76	0.8	●	○	●	○
	TNGG 160402 R/L P1 160404 R/L P1 160408 R/L P1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	TNGG 160402 R/L S1 160404 R/L S1 220402 R/L S1 220404 R/L S1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		12.70	4.76	0.2	●	○	●	○
		12.70	4.76	0.4	●	○	●	○
	TNGG 160402 R/L F1 160404 R/L F1 160408 R/L F1	9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○

金属陶瓷数控刀片

VN

- 常备库存
- 可订制品

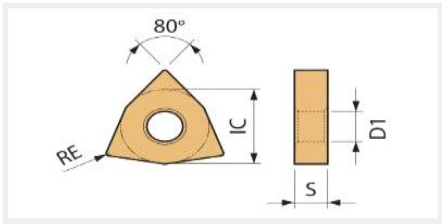


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	VNMG 160404 FG1	9.525	4.76	0.2	●	○	●	○
		160408 FG1	9.525	4.76	0.4	●	○	○
	VNMG 160404 HQ1	9.525	4.76	0.2	●	○	●	○
		160408 HQ1	9.525	4.76	0.4	●	○	○
	VNMG 160404 MS1	9.525	4.76	0.2	●	○	●	○
		160408 MS1	9.525	4.76	0.4	●	○	○
	VNMG 160404 SL1	9.525	4.76	0.2	●	○	●	○
		160408 SL1	9.525	4.76	0.4	●	○	○
	VNMG 160404 MT1	9.525	4.76	0.8	●	○	●	○
		160408 MT1	9.525	4.76	0.8	●	○	○
	VNMG 160402 PP1	9.525	4.76	0.2	●	○	●	○
		160404 PP1	9.525	4.76	0.4	●	○	○
		160408 PP1	9.525	4.76	0.8	●	○	○
	VNMG 160404 TS1	9.525	4.76	0.4	●	○	●	○
		160408 TS1	9.525	4.76	0.8	●	○	○
	VNMG 160404 VF1	9.525	4.76	0.4	●	○	●	○
		160408 VF1	9.525	4.76	0.8	●	○	○
	VNGG 160402 R/L C1	9.525	4.76	0.2	●	○	●	○
		160404 R/L C1	9.525	4.76	0.4	●	○	○
		160408 R/L C1	9.525	4.76	0.8	●	○	○
	VNGG 160402 R/L H1	9.525	4.76	0.2	●	○	●	○
		160404 R/L H1	9.525	4.76	0.4	●	○	○
		160408 R/L H1	9.525	4.76	0.8	●	○	○
	VNGG 160402 R/L S1	9.525	4.76	0.2	●	○	●	○
		160404 R/L S1	9.525	4.76	0.4	●	○	○
		160408 R/L S1	9.525	4.76	0.8	●	○	○

金属陶瓷数控刀片

WN

- 常备库存
- 可订制品

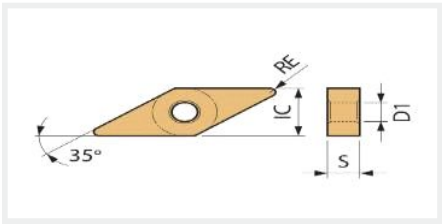


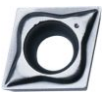
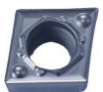
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	WNMG 080404 371	12.70	4.76	0.4	●	○	●	○
		080408 371	12.70	4.76	0.8	●	○	○
	WNMG 080404 FG1	12.70	4.76	0.4	●	○	●	○
		080408 FG1	12.70	4.76	0.8	●	○	○
	WNMG 080404 HQ1	12.70	4.76	0.4	●	○	●	○
		080408 HQ1	12.70	4.76	0.8	●	○	○
		080412 HQ1	12.70	4.76	0.8	●	○	○
	WNMG 080404 R/L S1	12.70	4.76	0.4	●	○	●	○
		080408 R/L S1	12.70	4.76	0.8	●	○	○
	WNMG 080404 R/L VF1	12.70	4.76	0.4	●	○	●	○
		080408 R/L VF1	12.70	4.76	0.8	●	○	○
	WNMG 080404 MS1	12.70	4.76	0.4	●	○	●	○
		080408 MS1	12.70	4.76	0.8	●	○	○
	WNMG 080404 MT1	12.70	4.76	0.4	●	○	●	○
		080408 MT1	12.70	4.76	0.8	●	○	○
	WNMG 080402 PP1	12.70	4.76	0.2	●	○	●	○
		080404 PP1	12.70	4.76	0.4	●	○	○
		080408 PP1	12.70	4.76	0.8	●	○	○
	WNMG 080404 TS1	12.70	4.76	0.4	●	○	●	○
		080408 TS1	12.70	4.76	0.8	●	○	○
	WNMG 080404 TSF1	12.70	4.76	0.4	●	○	●	○
		080408 TSF1	12.70	4.76	0.8	●	○	○
	WNGG 060404 R/L C1	9.525	4.76	0.4	●	○	●	○
		060408 R/L C1	9.525	4.76	0.8	●	○	○
		080404 R/L C1	12.70	4.76	0.4	●	○	○
		080408 R/L C1	12.70	4.76	0.8	●	○	○
	WNGG 060404 R/L S1	9.525	4.76	0.4	●	○	●	○
		060408 R/L S1	9.525	4.76	0.8	●	○	○
		080404 R/L S1	12.70	4.76	0.4	●	○	○
		080408 R/L S1	12.70	4.76	0.8	●	○	○

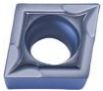
金属陶瓷数控刀片

CC

- 常备库存
- 可订制品



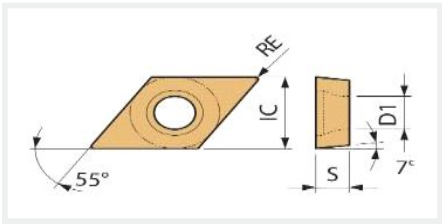
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	CCMT 060202 FA1	6.35	2.38	0.2	●	○	●	○
	060204 FA1	6.35	2.38	0.4	●	○	●	○
	09T302 FA1	9.525	3.97	0.2	●	○	●	○
	09T304 FA1	9.525	3.97	0.4	●	○	●	○
	09T308 FA1	9.525	3.97	0.8	●	○	●	○
	CCMT 060202 PS1	6.35	2.38	0.2	●	○	●	○
	060204 PS1	6.35	2.38	0.4	●	○	●	○
	060208 PS1	6.35	2.38	0.8	●	○	●	○
	09T302 PS1	9.525	3.97	0.2	●	○	●	○
	09T304 PS1	9.525	3.97	0.4	●	○	●	○
	09T308 PS1	9.525	3.97	0.8	●	○	●	○
	CCMT 060204 241	6.35	2.38	0.4	●	○	●	○
	09T304 241	9.525	3.97	0.4	●	○	●	○
	09T308 241	9.525	3.97	0.8	●	○	●	○
	CCMT 060204 FG1	6.35	2.38	0.4	●	○	●	○
	09T304 FG1	9.525	3.97	0.4	●	○	●	○
	09T308 FG1	9.525	3.97	0.8	●	○	●	○
	CCMT 060202 HQ1	6.35	2.38	0.2	●	○	●	○
	060204 HQ1	6.35	2.38	0.4	●	○	●	○
	09T302 HQ1	9.525	3.97	0.2	●	○	●	○
	09T304 HQ1	9.525	3.97	0.4	●	○	●	○
	09T308 HQ1	9.525	3.97	0.8	●	○	●	○
	CCMT 060204 MT1	6.35	2.38	0.4	●	○	●	○
	09T304 MT1	9.525	3.97	0.4	●	○	●	○
	09T308 MT1	9.525	3.97	0.8	●	○	●	○
	CCMT 060202 PP1	6.35	2.38	0.2	●	○	●	○
	060204 PP1	6.35	2.38	0.4	●	○	●	○
	09T302 PP1	9.525	3.97	0.2	●	○	●	○
	09T304 PP1	9.525	3.97	0.4	●	○	●	○
	09T308 PP1	9.525	3.97	0.8	●	○	●	○

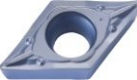
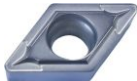
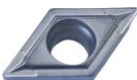
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	CCMT 060202 SL1	6.35	2.38	0.2	●	○	●	○
	060204 SL1	6.35	2.38	0.4	●	○	●	○
	060208 SL1	6.35	2.38	0.8	●	○	●	○
	09T302 SL1	9.525	3.97	0.2	●	○	●	○
	09T304 SL1	9.525	3.97	0.4	●	○	●	○
	09T308 SL1	9.525	3.97	0.8	●	○	●	○
	120404 SL1	12.70	4.76	0.4	●	○	●	○
	120408 SL1	12.70	4.76	0.8	●	○	●	○
 * 锋利刃	CCGT 060202 R/L S1	6.35	2.38	0.2	●	○	●	○
	060204 R/L S1	6.35	2.38	0.4	●	○	●	○
	09T302 R/L S1	9.525	3.97	0.2	●	○	●	○
	09T304 R/L S1	9.525	3.97	0.4	●	○	●	○
 * E 钝化刃 F 锋利刃	CCGT 060202 ER/EL U1	6.35	2.38	0.2	●	○	●	○
	060204 ER/EL U1	6.35	2.38	0.4	●	○	●	○
	060202 FR/FL U1	6.35	2.38	0.2	●	○	●	○
	060204 FR/FL U1	6.35	2.38	0.4	●	○	●	○
	09T302 ER/EL U1	9.525	3.97	0.2	●	○	●	○
	09T304 ER/EL U1	9.525	3.97	0.4	●	○	●	○
	09T302 FR/FL U1	9.525	3.97	0.2	●	○	●	○
	09T304 FR/FL U1	9.525	3.97	0.4	●	○	●	○
 * 锋利刃	CCGT 030102 R/L F1	3.50	1.40	0.2	●	○	●	○
	030104 R/L F1	3.50	1.40	0.4	●	○	●	○
	040102 R/L F1	4.30	1.80	0.2	●	○	●	○
	040104 R/L F1	4.30	1.80	0.4	●	○	●	○
	060202 R/L F1	6.35	2.38	0.2	●	○	●	○
	060204 R/L F1	6.35	2.38	0.4	●	○	●	○
	09T302 R/L F1	9.525	3.97	0.2	●	○	●	○
	09T304 R/L F1	9.525	3.97	0.4	●	○	●	○
	CCGT 09T302 R/L H1	9.525	3.97	0.2	●	○	●	○
	09T304 R/L H1	9.525	3.97	0.4	●	○	●	○

金属陶瓷数控刀片

DC

- 常备库存
- 可订制品



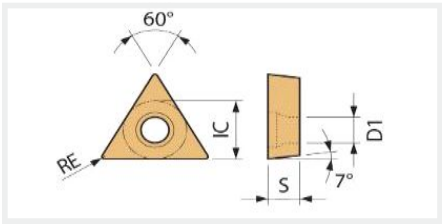
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	DCMT 070202 HQ1	6.35	2.38	0.2	●	○	●	○
	070204 HQ1	6.35	2.38	0.4	●	○	●	○
	070208 HQ1	6.35	2.38	0.8	●	○	●	○
	11T302 HQ1	9.525	3.97	0.4	●	○	●	○
	11T304 HQ1	9.525	3.97	0.4	●	○	●	○
	11T308 HQ1	9.525	3.97	0.8	●	○	●	○
	DCMT 070202 PS1	6.35	2.38	0.2	●	○	●	○
	070204 PS1	6.35	2.38	0.4	●	○	●	○
	070208 PS1	6.35	2.38	0.8	●	○	●	○
	11T302 PS1	9.525	3.97	0.2	●	○	●	○
	11T304 PS1	9.525	3.97	0.4	●	○	●	○
	11T308 PS1	9.525	3.97	0.8	●	○	●	○
	DCMT 070204 FG1	6.35	2.38	0.2	●	○	●	○
	070208 FG1	6.35	2.38	0.4	●	○	●	○
	11T304 FG1	9.525	3.97	0.8	●	○	●	○
	11T308 FG1	9.525	3.97	0.4	●	○	●	○
	DCMT 070202 PP1	6.35	2.38	0.2	●	○	●	○
	070204 PP1	6.35	2.38	0.4	●	○	●	○
	11T302 PP1	9.525	3.97	0.2	●	○	●	○
	11T304 PP1	9.525	3.97	0.4	●	○	●	○
	11T308 PP1	9.525	3.97	0.8	●	○	●	○
	DCMT 070202 SL1	6.35	2.38	0.2	●	○	●	○
	070204 SL1	6.35	2.38	0.4	●	○	●	○
	070208 SL1	6.35	2.38	0.8	●	○	●	○
	11T302 SL1	9.525	3.97	0.2	●	○	●	○
	11T304 SL1	9.525	3.97	0.4	●	○	●	○
	11T308 SL1	9.525	3.97	0.8	●	○	●	○
	DCMT 070202 FA1	6.35	2.38	0.2	●	○	●	○
	070204 FA1	6.35	2.38	0.4	●	○	●	○
	11T302 FA1	9.525	3.97	0.2	●	○	●	○
	11T304 FA1	9.525	3.97	0.4	●	○	●	○
	DCMT 11T304 241	9.525	3.97	0.4	●	○	●	○
	DCMT 11T304 MT1	9.525	3.97	0.4	●	○	●	○
	11T308 MT1	9.525	3.97	0.8	●	○	●	○

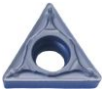
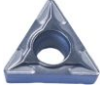
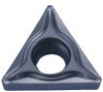
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
 *E 钝化刃 F 锋利刃	DCGT 070202 ER/EL U1	6.35	2.38	0.2	●	○	●	○
	070204 ER/EL U1	6.35	2.38	0.4	●	○	●	○
	070202 FR/FL U1	6.35	2.38	0.2	●	○	●	○
	070204 FR/FL U1	6.35	2.38	0.4	●	○	●	○
	11T302 ER/EL U1	9.525	3.97	0.2	●	○	●	○
	11T304 ER/EL U1	9.525	3.97	0.4	●	○	●	○
	11T302 FR/FL U1	9.525	3.97	0.2	●	○	●	○
	11T304 FR/FL U1	9.525	3.97	0.4	●	○	●	○
	DCGT 070202 R/L F1	6.35	2.38	0.2	●	○	●	○
	070204 R/L F1	3.35	2.38	0.4	●	○	●	○
	DCGT 11T302 R/L F1	9.525	3.97	0.2	●	○	●	○
	11T304 R/L F1	9.525	3.97	0.4	●	○	●	○

金属陶瓷数控刀片

TC

- 常备库存
- 可订制品

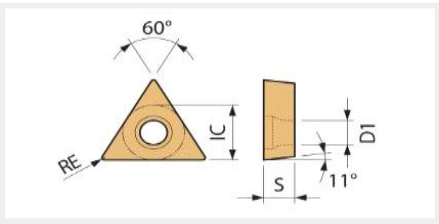


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	TCMT 090204 HQ1	5.56	2.38	0.4	●	○	●	○
	110204 HQ1	6.35	2.38	0.4	●	○	●	○
	110208 HQ1	6.35	2.38	0.8	●	○	●	○
	16T304 HQ1	9.525	4.40	0.4	●	○	●	○
	16T308 HQ1	9.525	4.40	0.8	●	○	●	○
	TCMT 090204 MT1	5.56	2.38	0.4	●	○	●	○
	110204 MT1	6.35	2.38	0.4	●	○	●	○
	110208 MT1	6.35	2.38	0.8	●	○	●	○
	16T304 MT1	9.525	4.40	0.4	●	○	●	○
	16T308 MT1	9.525	4.40	0.8	●	○	●	○
	TCMT 090204 PS1	5.56	2.38	0.4	●	○	●	○
	110202 PS1	6.35	2.38	0.2	●	○	●	○
	110204 PS1	6.35	2.38	0.4	●	○	●	○
	110302 PS1	6.35	2.38	0.2	●	○	●	○
	110304 PS1	6.35	2.38	0.4	●	○	●	○
	16T302 PS1	9.525	4.40	0.2	●	○	●	○
	16T304 PS1	9.525	4.40	0.4	●	○	●	○
	16T308 PS1	9.525	4.40	0.8	●	○	●	○
	TCMT 090204 SL1	5.56	2.38	0.4	●	○	●	○
	110204 SL1	6.35	2.38	0.4	●	○	●	○
	110208 SL1	6.35	2.38	0.8	●	○	●	○
	16T304 SL1	9.525	4.40	0.4	●	○	●	○
	16T308 SL1	9.525	4.40	0.8	●	○	●	○
	TCMT 110204 FG1	6.35	2.38	0.4	●	○	●	○
	TCMT 110204 241	6.35	2.38	0.4	●	○	●	○
	TCGT 110202 R/L	6.35	2.38	0.2	●	○	●	○
	110204 R/L	6.35	2.38	0.4	●	○	●	○
	TCGT 110202 R/L W1	6.35	2.38	0.2	●	○	●	○
	110204 R/L W1	6.35	2.38	0.4	●	○	●	○

金属陶瓷数控刀片

TP

- 常备库存
- 可订制品

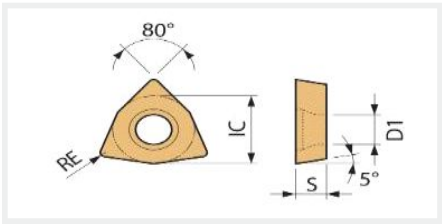


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	TPMT 110302 FG1	6.35	3.18	0.2	●	○	●	○
	110304 FG1	6.35	3.18	0.4	●	○	●	○
	TPMT 090204 HQ1	6.35	2.38	0.4	●	○	●	○
	110302 HQ1	6.35	3.18	0.2	●	○	●	○
	110304 HQ1	6.35	3.18	0.4	●	○	●	○
	110308 HQ1	6.35	3.18	0.8	●	○	●	○
	TPMT 090202 PP1	5.56	2.38	0.2	●	○	●	○
	090204 PP1	5.56	2.38	0.4	●	○	●	○
	110302 PP1	6.35	3.18	0.2	●	○	●	○
	110304 PP1	6.35	3.18	0.4	●	○	●	○
	110308 PP1	6.35	3.18	0.8	●	○	●	○
	TPMT 090202 PS1	5.56	2.38	0.2	●	○	●	○
	090204 PS1	5.56	2.38	0.4	●	○	●	○
	110204 PS1	6.35	3.18	0.4	●	○	●	○
	110302 PS1	6.35	3.18	0.2	●	○	●	○
	110304 PS1	6.35	3.18	0.4	●	○	●	○
	110308 PS1	6.35	3.18	0.8	●	○	●	○
	16T304 PS1	9.525	4.76	0.4	●	○	●	○
	16T308 PS1	9.525	4.76	0.8	●	○	●	○
	TPGH 080202 R/L	4.76	2.38	0.2	●	○	●	○
	080204 R/L	4.76	2.38	0.4	●	○	●	○
	090202 R/L	5.56	2.38	0.2	●	○	●	○
	090204 R/L	5.56	2.38	0.4	●	○	●	○
	110302 R/L	6.35	3.18	0.2	●	○	●	○
	110304 R/L	6.35	3.18	0.4	●	○	●	○
	TPGT 080202 R/L W1	4.76	2.38	0.2	●	○	●	○
	080204 R/L W1	4.76	2.38	0.4	●	○	●	○
	090202 R/L W1	5.56	2.38	0.2	●	○	●	○
	090204 R/L W1	5.56	2.38	0.4	●	○	●	○
	110302 R/L W1	6.35	3.18	0.2	●	○	●	○
	110304 R/L W1	6.35	3.18	0.4	●	○	●	○

金属陶瓷数控刀片

WB

- 常备库存
- 可订制品

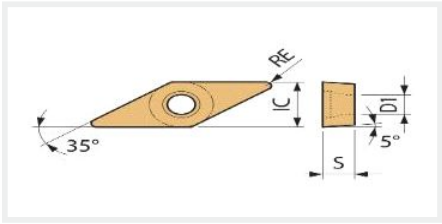


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	WBMT							
	060102 L DP1	3.97	1.59	0.2	●	○	●	○
	060104 L DP1	3.97	1.59	0.4	●	○	●	○
	WBG							
	060102 R/L F1	3.97	1.59	0.2	●	○	●	○
	060104 R/L F1	3.97	1.59	0.4	●	○	●	○

金属陶瓷数控刀片

VB

- 常备库存
- 可订制品



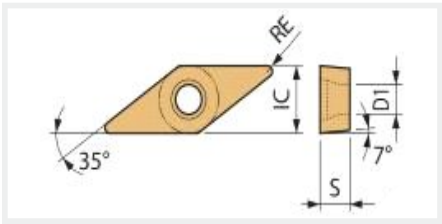
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	VBMT							
	110302 PP1	6.35	3.18	0.2	●	○	●	○
	110304 PP1	6.35	3.18	0.4	●	○	●	○
	110308 PP1	6.35	3.18	0.8	●	○	●	○
	160404 PP1	9.525	4.76	0.4	●	○	●	○
	160408 PP1	9.525	4.76	0.8	●	○	●	○
	VBMT							
	110302 VF1	6.35	3.18	0.2	●	○	●	○
	110304 VF1	6.35	3.18	0.4	●	○	●	○
	110308 VF1	6.35	3.18	0.8	●	○	●	○
	160402 VF1	9.525	4.76	0.2	●	○	●	○
	160404 VF1	9.525	4.76	0.4	●	○	●	○
	160408 VF1	9.525	4.76	0.8	●	○	●	○
	VBMT							
	110304 HQ1	6.35	3.18	0.4	●	○	●	○
	110308 HQ1	6.35	3.18	0.8	●	○	●	○
	160404 HQ1	9.525	4.76	0.4	●	○	●	○
	160408 HQ1	9.525	4.76	0.8	●	○	●	○
	VBMT							
	160404 FG1	9.525	4.76	0.4	●	○	●	○
	160408 FG1	9.525	4.76	0.8	●	○	●	○

外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	VBMT							
	160404 MT1	9.525	4.76	0.4	●	○	●	○
	160408 MT1	9.525	4.76	0.8	●	○	●	○
	VBMT							
	110302 PS1	6.35	3.18	0.2	●	○	●	○
	110304 PS1	6.35	3.18	0.4	●	○	●	○
	110308 PS1	6.35	3.18	0.8	●	○	●	○
	160404 PS1	9.525	4.76	0.4	●	○	●	○
	160408 PS1	9.525	4.76	0.8	●	○	●	○
	VBMT							
	110302 SL1	6.35	3.18	0.2	●	○	●	○
	110304 SL1	6.35	3.18	0.4	●	○	●	○
	110308 SL1	6.35	3.18	0.8	●	○	●	○
	160404 SL1	9.525	4.76	0.4	●	○	●	○
	160408 SL1	9.525	4.76	0.8	●	○	●	○
	VBGT							
	110302 R/L F1	6.35	3.18	0.2	●	○	●	○
	110304 R/L F1	6.35	3.18	0.4	●	○	●	○
	160402 R/L F1	9.525	4.76	0.2	●	○	●	○
	160404 R/L F1	9.525	4.76	0.4	●	○	●	○
	160408 R/L F1	9.525	4.76	0.8	●	○	●	○
	VBGT							
	110302 R/L Y1	6.35	3.18	0.2	●	○	●	○
	110304 R/L Y1	6.35	3.18	0.4	●	○	●	○
	160402 R/L Y1	9.525	4.76	0.2	●	○	●	○
	160404 R/L Y1	9.525	4.76	0.4	●	○	●	○
	160408 R/L Y1	9.525	4.76	0.8	●	○	●	○

金属陶瓷数控刀片

VC

- 常备库存
- 可订制品

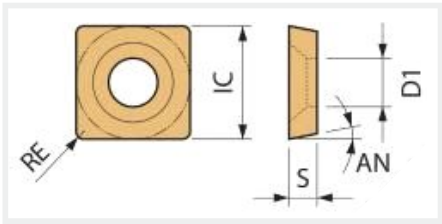


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	VCMT 110304 HQ1	6.35	3.18	0.4	●	○	●	○
	VCMT 110304 SL1 160404 SL1 160408 SL1	6.35	3.18	0.4	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	VCMT 080202 PP1 080204 PP1 160404 PP1 160408 PP1	4.76	2.38	0.2	●	○	●	○
		4.76	2.38	0.4	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	VCMT 110302 PS1 110304 PS1 160402 PS1 160404 PS1 160408 PS1	6.35	3.18	0.2	●	○	●	○
		6.35	3.18	0.4	●	○	●	○
		9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	VCGT 110302 R/L F1 110304 R/L F1 160402 R/L F1 160404 R/L F1 160408 R/L F1	6.35	3.18	0.2	●	○	●	○
		6.35	3.18	0.4	●	○	●	○
		9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○
	VCGT 110302 R/L Y1 110304 R/L Y1 160402 R/L Y1 160404 R/L Y1 160408 R/L Y1	6.35	3.18	0.2	●	○	●	○
		6.35	3.18	0.4	●	○	●	○
		9.525	4.76	0.2	●	○	●	○
		9.525	4.76	0.4	●	○	●	○
		9.525	4.76	0.8	●	○	●	○

金属陶瓷数控刀片

SC

- 常备库存
- 可订制品

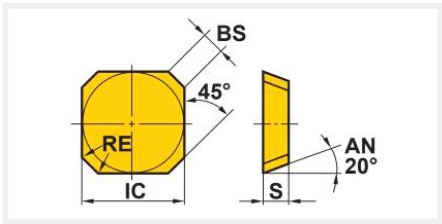


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	SCMT 09T304 HQ1 09T308 HQ1	9.525	3.97	0.4	●	○	●	○
		9.525	3.97	0.8	●	○	●	○
	SCMT 09T304 MT1 09T308 MT1	9.525	3.97	0.4	●	○	●	○
		9.525	3.97	0.8	●	○	●	○
	SCMT 09T304 PS1 09T308 PS1	9.525	3.97	0.4	●	○	●	○
		9.525	3.97	0.8	●	○	●	○

金属陶瓷数控刀片

SE

- 常备库存
- 可订制品

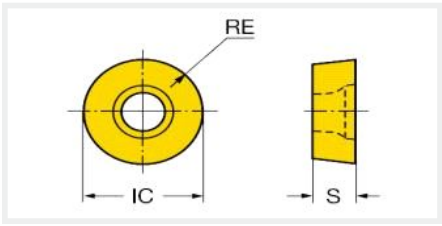


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	SEEN 1203 AFTN1 1504 AFTN1	12.70	3.18	1.00	●	○	●	○
		15.875	4.76	1.00	●	○	●	○

金属陶瓷数控刀片

RC

- 常备库存
- 可订制品

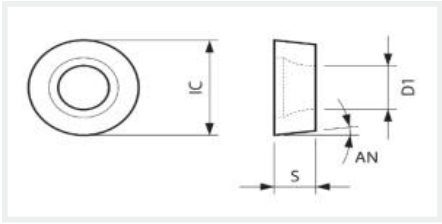


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	RCKT							
	10T3 M0 WM1	10.0	3.18	5.0	●	○	●	○
	1204 M0 WM1	12.0	4.76	6.0	●	○	●	○
	RCMM							
	0502 M0 611	5.0	2.38	5.0	●	○	●	○
	0602 M0 611	6.0	2.38	5.0	●	○	●	○
	1003 M0 611	10.0	3.18	6.0	●	○	●	○
	1204 M0 611	12.0	4.76	6.0	●	○	●	○
	RCMT							
	0502 M0 611	5.0	2.38	5.0	●	○	●	○
	0602 M0 611	6.0	2.38	5.0	●	○	●	○
	0803 M0 611	8.0	3.18	8.0	●	○	●	○

金属陶瓷数控刀片

RP

- 常备库存
- 可订制品

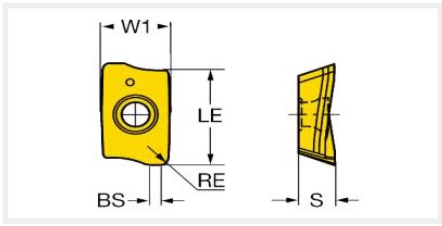


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	RPMT							
	1203 M01	12.0	3.18	5.0	●	○	●	○
	1604 M01	16.0	4.76	8.0	●	○	●	○

金属陶瓷数控刀片

R390

- 常备库存
- 可订制品

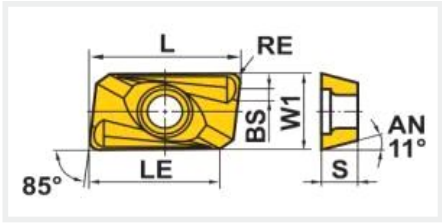


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	R390							
	11T308 M PL1	6.80	2.8	0.8	●	○	●	○
	R390							
	11T308 M PM1	6.80	2.8	0.8	●	○	●	○

金属陶瓷数控刀片

AP

- 常备库存
- 可订制品

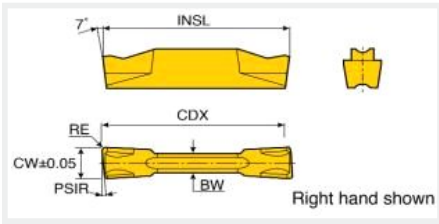


外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	APMT							
	1135 PDER1	11.3	9.0	3.5	●	○	●	○
	1604 PDER1	17.1	14.0	4.76	●	○	●	○
	APMT							
	1135 PDER H21	11.3	9.0	3.5	●	○	●	○
	1604 PDER H21	17.1	14.0	4.76	●	○	●	○

金属陶瓷数控刀片

MG

- 常备库存
- 可订制品

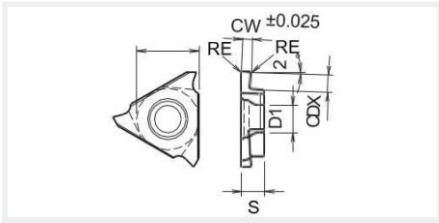


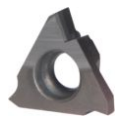
外观	规格	尺寸			牌号			
		I.C	S	Re	ST41	ST45	PV41	PV45
	MGMN 150 G1	18.5	2.5	0.2	●	○	●	○
	200 G1	21.0	3.0	0.3	●	○	●	○
	250 G1	21.0	4.80	0.3	●	○	●	○
	300 G1	21.0	4.80	0.3	●	○	●	○
	MGMN 200 M1	16.0	2.0	0.2	●	○	●	○
	250 M1	18.5	2.5	0.2	●	○	●	○
	300 M1	21.0	3.0	0.3	●	○	●	○
	400 M1	21.0	4.80	0.3	●	○	●	○
	500 M1	21.0	4.80	0.3	●	○	●	○

金属陶瓷数控刀片

TGF

- 常备库存
- 可订制品

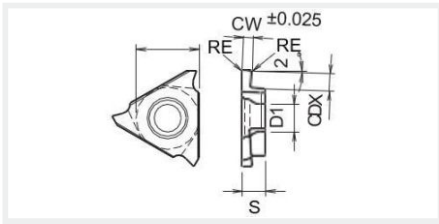


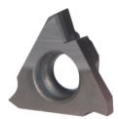
外观	规格	尺寸				牌号			
		I.C	Re	CW	CDX	ST41	ST45	PV41	PV45
	TGF 32 R/L 033	9.525	0.05	0.33	0.8	●	○	●	○
	32 R/L 050	9.525	0.05	0.50	1.2	●	○	●	○
	32 R/L 075	9.525	0.10	0.75	2.0	●	○	●	○
	32 R/L 095	9.525	0.10	0.95	2.0	●	○	●	○
	32 R/L 100	9.525	0.10	1.00	2.0	●	○	●	○
	32 R/L 120	9.525	0.10	1.20	2.0	●	○	●	○
	32 R/L 125	9.525	0.10	1.25	2.0	●	○	●	○
	32 R/L 145	9.525	0.10	1.45	2.0	●	○	●	○
	32 R/L 150	9.525	0.10	1.50	2.0	●	○	●	○
	32 R/L 175	9.525	0.10	1.75	2.0	●	○	●	○
	32 R/L 200	9.525	0.10	2.00	2.5	●	○	●	○
	32 R/L 250	9.525	0.10	2.50	2.5	●	○	●	○

金属陶瓷数控刀片

GBA

- 常备库存
- 可订制品

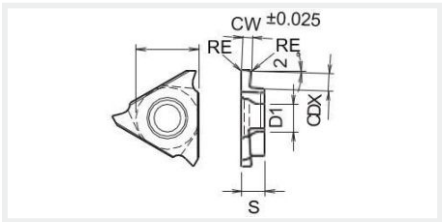


外观	规格	尺寸				牌号			
		I.C	Re	CW	CDX	ST41	ST45	PV41	PV45
	GBA 32 R/L 033	9.525	0.05	0.33	1.0	●	○	●	○
	32 R/L 050	9.525	0.05	0.50	1.0	●	○	●	○
	32 R/L 075	9.525	0.05	0.75	2.0	●	○	●	○
	32 R/L 095	9.525	0.05	0.95	2.0	●	○	●	○
	32 R/L 100	9.525	0.05	1.00	2.0	●	○	●	○
	32 R/L 120	9.525	0.05	1.20	2.0	●	○	●	○
	32 R/L 125	9.525	0.20	1.25	2.0	●	○	●	○
	32 R/L 145	9.525	0.20	1.45	2.0	●	○	●	○
	32 R/L 150	9.525	0.20	1.50	2.0	●	○	●	○
	32 R/L 175	9.525	0.20	1.75	2.0	●	○	●	○
	32 R/L 200	9.525	0.20	2.00	2.5	●	○	●	○
	32 R/L 220	9.525	0.20	2.25	2.5	●	○	●	○
	32 R/L 250	9.525	0.20	2.50	2.5	●	○	●	○
	32 R/L 300	9.525	0.20	3.00	2.5	●	○	●	○

金属陶瓷数控刀片

GBA

- 常备库存
- 可订制品



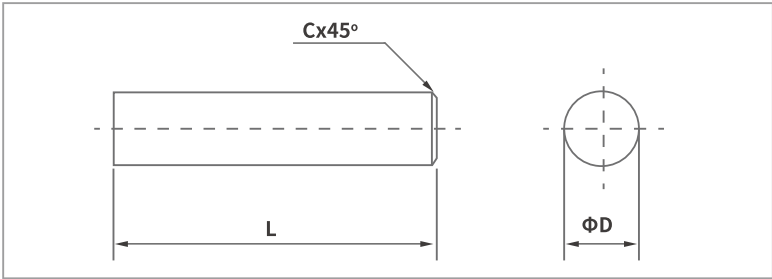
外观	规格	尺寸				牌号			
		I.C	Re	CW	CDX	ST41	ST45	PV41	PV45
	GBA								
	43R/L125	12.70	0.10	1.25	2.0	●	○	●	○
	43R/L125	12.70	0.20	1.25	2.0	●	○	●	○
	43R/L140	12.70	0.20	1.40	2.0	●	○	●	○
	43R/L145	12.70	0.20	1.45	2.0	●	○	●	○
	43R/L150	12.70	0.10	1.50	3.5	●	○	●	○
	43R/L150	12.70	0.20	1.50	3.5	●	○	●	○
	43R/L170	12.70	0.20	1.70	3.5	●	○	●	○
	43R/L175	12.70	0.20	1.75	3.5	●	○	●	○
	43R/L185	12.70	0.20	1.85	3.5	●	○	●	○
	43R/L195	12.70	0.20	1.95	3.5	●	○	●	○
	43R/L200	12.70	0.10	2.00	3.5	●	○	●	○
	43R/L200	12.70	0.20	2.00	3.5	●	○	●	○
	43R/L225	12.70	0.20	2.25	3.5	●	○	●	○
	43R/L230	12.70	0.20	2.30	3.5	●	○	●	○
	43R/L250	12.70	0.10	2.50	4.0	●	○	●	○
	43R/L250	12.70	0.30	2.50	4.0	●	○	●	○
	43R/L265	12.70	0.30	2.65	4.0	●	○	●	○
	43R/L280	12.70	0.30	2.80	4.0	●	○	●	○
	43R/L300	12.70	0.10	3.00	4.0	●	○	●	○
	43R/L300	12.70	0.30	3.00	4.0	●	○	●	○
	43R/L325	12.70	0.30	3.25	4.0	●	○	●	○
	43R/L330	12.70	0.30	3.30	4.0	●	○	●	○
	43R/L350	12.70	0.10	3.50	5.0	●	○	●	○
	43R/L350	12.70	0.30	3.50	5.0	●	○	●	○
	43R/L400	12.70	0.10	4.00	5.0	●	○	●	○
	43R/L400	12.70	0.40	4.00	5.0	●	○	●	○
	43R/L430	12.70	0.40	4.30	5.0	●	○	●	○
	43R/L450	12.70	0.40	4.50	5.0	●	○	●	○
	43R/L480	12.70	0.40	4.80	5.0	●	○	●	○

金属陶瓷棒材

Cermet Rods



规格尺寸 / Size



根据客户需求提供金属陶瓷定常毛坯或精磨棒料，常规尺寸如下：
Shareate can provide different sizes of rough or grinding rods according to customers' requirements. The standard sizes included below:

尺寸 Size			直径精度 Diameter precision	
直径 (ΦD)	长度(L) (公差Tol.+0.5/+1.0)	精磨倒角尺寸 Grinding chamfer size(C) (公差Tol.±0.1)	毛坯 Rough	精磨 Grinding
3	0~100	0.3	+0.3/+0.5	h6
4	0~100	0.4	+0.3/+0.5	
6	0~100	0.4	+0.3/+0.6	
7	0~100	0.5	+0.3/+0.6	
8	0~100	0.6	+0.3/+0.6	
10	0~100	0.6	+0.3/+0.6	
12	0~100	0.8	+0.3/+0.6	
14	0~100	0.8	+0.3/+0.7	
16	0~100	0.8	+0.3/+0.7	
18	0~100	0.8	+0.3/+0.7	
20	0~100	1.0	+0.3/+0.7	

单位Unit: mm

金属陶瓷轴承刀

Cermet Cutting Tools for Machining Bearings

规格尺寸 / Size

外观	型号	尺寸(mm) Size			牌号	
		内切圆(I.C)	厚度(S)	刀尖圆弧半径(Re)	ST41	ST45
	SNMN090308	9.525	3.18	0.4	○	●
	SNMN120408	12.70	4.76	0.8	○	●
	SNMN150408	15.875	4.76	0.8	○	●
	TNMN220408	12.70	4.76	0.8	○	●
	TNMN270408	15.875	4.76	0.8	○	●

● 常备库存 ○ 可订制品

外观	型号	尺寸(mm) Size				牌号	
		角度	L	B	S	ST41	ST45
	F8	120°	21.5	8.2	6.9	○	●
	F10	120°	21.5	10.2	7.8	○	●
	F12B	120°	26.5	12.2	8	○	●
	F15	120°	32	15.2	10.2	○	●
	F16	120°	32	16.2	10.2	○	●
	F20	120°	36.5	20.2	11.1	○	●

● 常备库存 ○ 可订制品

金属陶瓷锯片用刀粒

Cermet saw blade with grain

规格尺寸 / Size

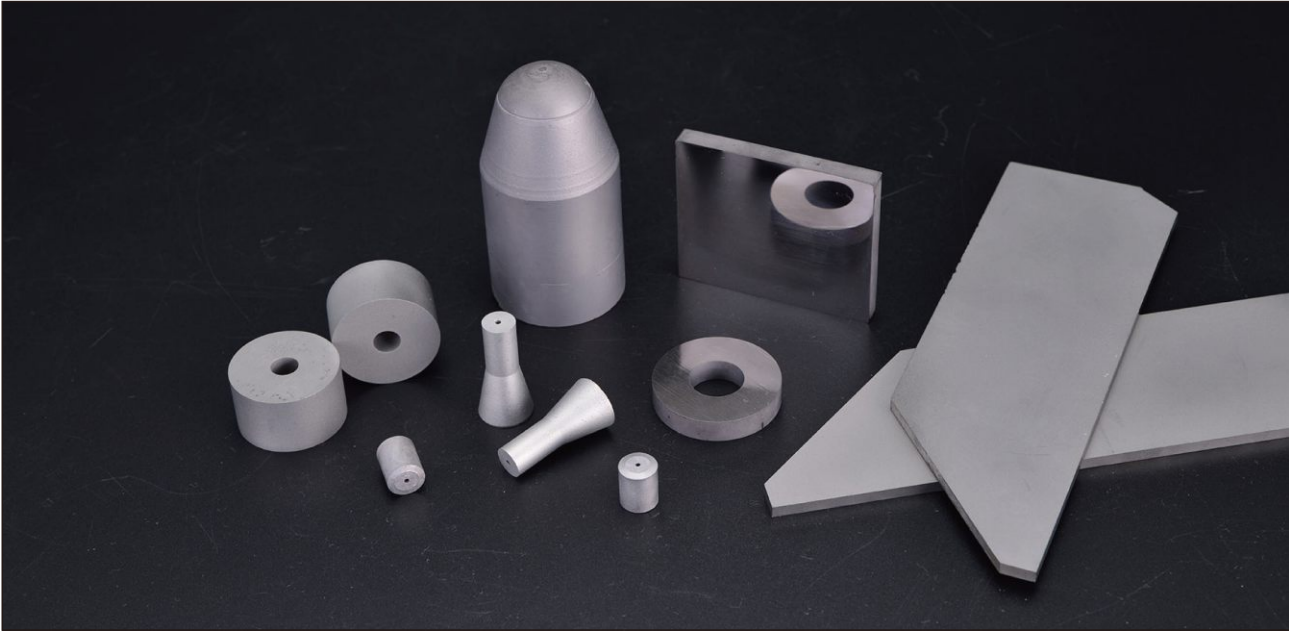
外观	规格	尺寸(mm) Size			牌号	
		长度(S)	厚度(S)	刀尖圆弧半径(Re)	ST41	ST45
	L-W-T(θ°)	定制	定制	定制	●	○

● 常备库存 ○ 可订制品

金属陶瓷异型件

Non-standard Cermet Products

产品展示 / Production display



金属陶瓷非标定制 / Non-standard Customize Service

苏州新锐合金工具股份有限公司拥有强大的新产品开发能力，在金属陶瓷材料的研究和应用中，有着非常深厚的技术沉淀，可协助客户制造出适应不同工况的可靠的金属陶瓷产品。

We have a strong capability of new product development, our knowledge and technology of cermet material derived from many years' research and application, and willing to cooperate with customers to manufacture reliable cermet products suitable for different working conditions.

金属陶瓷使用注意事项 / Notes

- ◆ 1、金属陶瓷在后加工过程中要充分冷却，避免因冷却不到位导致材料热量集中出现热裂纹；
- ◆ 2、金属陶瓷在切削应用中建议干切或风冷；
- ◆ 3、金属陶瓷加工参数同常规硬质合金材质差异较大，具体可咨询我司工程师。
- ◆ 1、Cermets should be fully cooled during post-processing to avoid thermal cracks;
- ◆ 2、Cermets are recommended for dry cutting or air cooling in cutting applications;
- ◆ 3、The processing parameters of cermets are quite different to carbide materials, for more details please call our engineers.

