

品質保證贏得信任 互利合作贏得未來

*Quality assurance gains the trust;
Mutually beneficial cooperation gains the future.*



成都西頓硬質合金有限公司

CHENGDU SANTON CEMENTED CARBIDE CO.,LTD.

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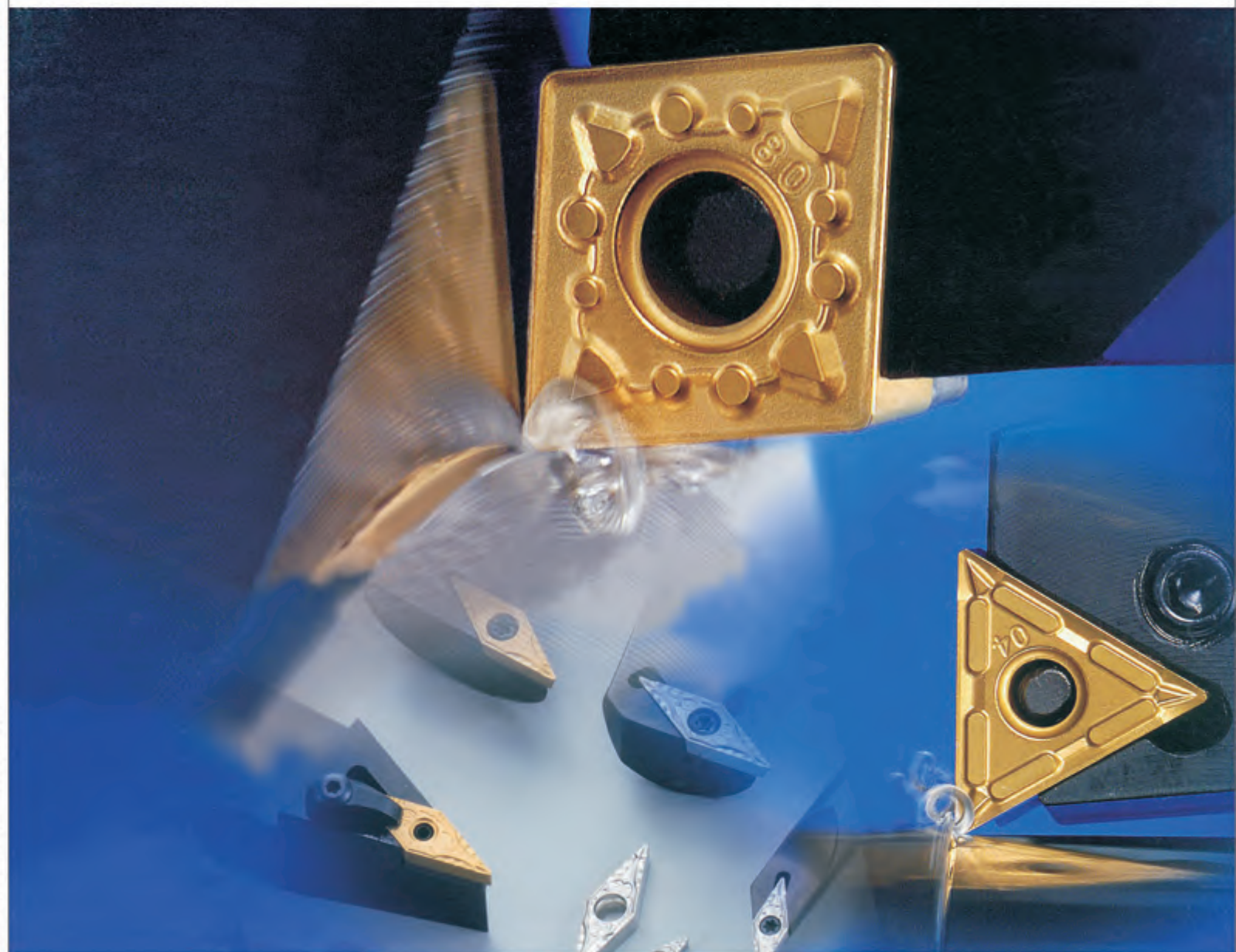


硬質合金切削刀片

Cemented Carbide Inserts

硬質合金切削刀片
Cemented Carbide Inserts

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中國·四川

SICHUAN CHINA

公司简介 Brief Introduction

成都西顿硬质合金有限公司是一家专门从事硬质合金和钨钼产品等有色金属新材料生产、销售和开发的高科技企业。公司聚集了一批技术功底过硬、管理经验丰富的本专业资深人才和高素质的生产骨干队伍，配备有先进的生产设备和质量检测手段，采用了对产品性能可控性很高的生产工艺技术，能满足用户对硬质合金、钨钼制品等产品的高品质、高性价比的追求。

公司具有较强的自主开发、设计和生产能力，在国内同行企业中率先通过了英国USKA公司的ISO9001质量管理体系认证，能为用户提供富有技术含量和运用价值的售前、售后服务。公司生产的“西顿”牌高性能硬质合金可转位刀片、焊接刀片、切削刀具和根据用户需要而设计的非标准合金材料和零件等，以良好的信誉、优良的品质和热忱的服务，深受国内外用户信任欢迎。

公司秉持“自强不息、志存高远、以人为本、和谐发展”的企业精神和“质量立业，技术领先，持续改进，顾客满意”的质量方针，力求为社会创造价值，为客户增加价值、为员工实现价值，用我们的勤劳和智慧，促进企业持续发展，共同创造美好的未来。

Chengdu Santon cemented carbide Co.,Ltd is a professional private company, which consists of producing, selling, and developing of nonferrous metal materials such as cemented carbide and tungsten and molybdenum products. Santon has a crowd of professional and experienced technical personnel, advanced production equipments and quality monitoring methods. By employing the latest modern technology, Santon can satisfy customers' demands of high-quality and high cost-performance cemented carbide and tungsten & molybdenum products.

Santon has strong independent developing, designing and producing capabilities. Compare with the other companies in the same field in China, Santon is the first company which has been given the certificate of Qualified Management System ISO9004 by UKAS Attestation Company. Santon is able to provide high technical and high quality before and after-sale services. There are various high performance cemented carbide products under the brand 'Santon', which includes special inserts, brazed tips, cutting tools; also non-standard cemented carbide materials and components which can be designed according to customers' requirements. We have earned high reputation from customers both at home and abroad by using our good prestige, fine quality and enthusiastic service.

Santon holds the spirit of 'standing high and aim far, marking unremitting efforts' and the quality policy of 'to live on quality, to lead the technology, to improve continually, to satisfy the customers'. On the other hand, we try hard to create value for society, to increase value for clients and to realize value for staff. By using diligence and wisdom, we are promoting sustainable development of our enterprise in order to create a magnificent future.



成都西顿硬质合金(集团)有限公司
Chengdu Santon Cemented Carbide Co.,Ltd.

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成都西顿硬质合金有限公司
CHENGDU SANTON CEMENTED CARBIDE CO.,LTD.

牌号性能及用途介绍

Grade Performances and applications cemented carbide



牌号 Grade	使用性能及用途介绍 Performances & Applications	相当于 国际标准 Equivalent to ISO
ST2410	PVD涂层, 灰黑色: 红硬性高与韧性好的刀刃基体与CrTiAl的涂层结合, 特别适用于钢、铸钢的高速精加工。 PVD coating, slate gray colour. Substrate with good strength wear resistance and red hardness, in combination with CrTiAl coating. It's ideal for high speed finishing of steel and cast steel.	P01~P15
ST2135	CVD涂层, 金黄色: 强度与韧性特高的刀刃基体与TiC、Al ₂ O ₃ 、TiN等涂层材料的极佳组合, 是钢材粗加工的通用牌号, 特别适用于铸钢和锻钢的重型粗加工。 CVD coating, golden. Cutting edge with special strength and toughness in an optimal combination with TiC, Al ₂ O ₃ , TiN coating. It is generally used roughing of steel, specially on cast steel and forged steel.	P25~P45
ST1420	PVD涂层, 灰黑色: 耐磨性与韧性很好的刀刃基体与CrTiAlN的涂层结合, 特别适用于钛、铝、铜等及其合金, 冷硬铸铁, 以及亚克力、塑料、石墨、耐火砖等非金属材料切削加工。 PVD coating, slate gray colour. Substrate with good strength and wear resistance, in combination with CrTiAlN. It's generally used for processing of cast iron, titanium, aluminum, copper and brass, chilled cast iron and non-metal material such as Acrylic, plastic, graphite, refractory brick etc.	K10~K30
ST2230	MT-CVD涂层, 金黄色: 特殊强度与韧性的刀刃基体与TiC、TiCN、TiN等涂层材料的极佳组合, 是钢材加工的通用牌号, 适用于钢、铸钢的一般加工和粗加工。 MT-CVD coating, golden. Cutting edge with special strength and toughness in an optimal combination with TiC, TiCN, TiN, coating. It is widely used for finishing, semi-finishing and roughing of steel and cast steel.	P20~P35
St1420	PVD涂层, 灰黑色: 耐磨性与韧性很好的刀刃基体与CrTiAlN的涂层结合, 特别适用于钛、铝、铜等及其合金, 冷硬铸铁, 以及亚克力、塑料、石墨、耐火砖等非金属材料的精加工和半精加工。 PVD coating, slate gray colour. Substrate with good strength and wear resistance, in combination with CrTiAlN. It's specially used for finishing and semi-finishing of titanium, aluminum, copper and brass, chilled cast iron and non-metal material such as Acrylic, plastic, graphite, refractory brick etc.	K01~K10
ST2415	PVD涂层, 灰黑色: 耐磨性与韧性好的刀刃基体与CrTiAlN的涂层结合, 特别适用于抗张强度高的钢、铸钢的精加工和半精加工。 PVD coating, slate gray colour. Substrate with good strength wear resistance, in combination with CrTiAlN coating. It's good for finishing and semi finishing of high strength steel and cast steel.	P10~P25
ST3420	PVD涂层, 灰黑紫色: 强度、韧性好的基体与TiAlN涂层材料的组合, 是不锈钢加工的首选牌号。 PVD coating, dark purple colour. Special substrate with good strength and impact resistance in combination with TiAlN. It's excellent for processing of stainless steel.	M10~M25
ST3430	PVD涂层, 灰黑紫色: 强度、韧性好的基体与TiAlN等涂层材料的组合, 是不锈钢断续加工和粗加工的理想牌号。 PVD coating, dark purple colour. Special substrate with good strength and impact resistance in combination with TiAlN. It's ideal for roughing and interrupted cutting of stainless steel.	M10~M35

本样本中的牌号有首选和次选之分, 表示方法为:
Grade are listed best to better, express as following.
▲首先 First Selection △次选 Second Selection



牌号性能及用途介绍

Grade Performances and applications cemented carbide

牌号 Grade	性能典型值 Typical property values			使用性能及用途 Performance and Applications	ISO分类 ISO Code	国内厂家 类似牌号 Other Grade China
	密度 (g/cm ³)	抗弯强度 TRS(N/mm ²)	硬度 HRA			
ST205	12.3	1920	92.2	韧性高, 具有很高的抗热震裂和抗塑性变形能力。适于铣削合金结构钢、合金工具钢, 也适于高锰钢、不锈钢的加工。 High toughness and high resistance to thermal shock and plastic deformation. Milling of alloy steel, tool alloy steel, manganese steel and stainless steel.	P15 - P20	YT798、 YT14、 ZP20、 YT15、 YT758、 YC15、 YC20
ST2020	11.5	1650	91.8			
YT15	11.3	1560	92.5			
ST2030	12.6	1950	91.5	适用于碳钢、铸钢、锰钢、高强度钢及各种合金钢的粗车、铣削、刨削、深孔加工, 同时也是制作深孔加工导料块的理想材料。 Rough turning, milling, planning and deep-drilling of carbon steel, cast steel, Manganese steel and alloy steel. Also the ideal material for deep-drilling guide block.	P25 - P30	ZP25、 YT535、 ZP30、 YT5、 YC30、 YS25、 YS30
ST2035	12.7	2220	91.0			
YT5	12.9	2000	90.4			
ST2040	13.0	2280	90.5	在P类合金中, 强度、抗冲击性及抗震性最好。适于碳素钢与合金钢(包括锻件、冲压件、铸铁表皮)间断切削的粗车、粗刨、半精刨。 Best strength and high impact & shock resistance among W-Co-Ti alloys but wear resistance comparatively lower Rough turning rough planning and semi-finishing planning of carbon steel and alloy steel (including forged steel parts, stamped parts and cast iron surfaces) during inter-mittent cutting.	P40	ZP40、 YC40、 YC45、 YT540

牌号 Grade	性能典型值 Typical property values			使用性能及用途 Performance and Applications	ISO分类 ISO Code	国内厂家 类似牌号 Other Grade China
	密度 (g/cm ³)	抗弯强度 TRS(N/mm ²)	硬度 HRA			
ST1010F	14.8	2500	93.2	适用于各种铸铁及有非金属的粗加工和半精加工, 也是制作整体硬质合金孔加工工具的理想材料。 Semi-finishing and finishing of cast irons and non-ferrous metals, it's also the ideal material of making solid carbide tools for holing.	K10	ZK10UF、 YG6X、 YG6A、 YT726、 ZK10、 YT726、 YG10.1、 YD10.2、 YD05
YG6X	14.9	2100	92.4	耐磨性高, 使用强度高。适于加工冷硬合金铸铁与耐热合金钢, 也适于普通铸铁的精加工。 Fine grain WC alloy, wear resistance higher than YG6, strength close to YG6. Machining of chilled alloy cast irons and refractory alloy steel or finishing of ordinary cast irons.		
YG6A	14.9	1880	92.8	耐磨性好, 使用强度较好。适用于冷硬铸铁、有色金属及其合金的半精加工; 也适于淬火钢、合金钢的半精加工及精加工。 Fine grained alloy, good wear resistance. Semi-finishing of chilled cast iron, nonferrous metals & alloys; semi-finishing and finishing of hardened steel, alloy steel.		
ST3010	14.2	1700	93.0	红硬性高, 耐磨性好。适于冷硬铸铁、合金铸铁、淬火钢的粗车、铣削。 High red hardness and wear resistance. Turning and milling of chilled cast irons, cast Alloy irons and quenched steel.	K20	YG6、 ZK20UF、 YG8N、 YD20
YG6		1800	92.8	耐磨性高, 抗冲击变形能力好。适于高锰钢、不锈钢的连续或断续切削。 High wear resistance, and high resistance to plastic deformation. Continuous or intermittent cutting of manganese steel and stainless steel.		
ST1020F	13.4	1700	92.8	红硬性较好, 能承受一定的冲击负荷。是通用性较好的合金。适于耐热钢、高锰钢、不锈钢等难加工钢材的加工, 也适于普通钢和铸铁的加工。 High red hardness, resistant to impact load. A good grade for general purposes. Machining of ordinary steel, cast irons and hard to machine materials such as refractory steel, manganese steel and stainless steel.		
YG813	14.4	2200	92.0	耐磨性好, 较高的抗弯强度和抗粘结能力。适于加工高温合金、不锈钢、高锰钢等材料。 Optimum wear resistance, high bending strength and high resistance to bonding. Machining of refractory alloys, stainless steel and high manganese steel, etc.	K30	YG813、 YG8、 ZK30UF、 Y330、546
YG8	14.7	2550	90.2	使用强度高, 抗冲击, 抗震性好。适于铸铁、有色金属及合金、非金属材料低速粗加工。		
ST1030F	14.4	2600	91.5	超细合金, 使用强度高, 抗冲击, 抗震性好。适于铸铁、有色金属及合金、非金属材料低速粗加工。		
YW1	13.4	1700	92.8	红硬性较好, 能承受一定的冲击负荷。是通用性较好的合金。适于耐热钢、高锰钢、不锈钢等难加工钢材的加工, 也适于普通钢和铸铁的加工。 High red hardness, resistant to impact load. A good grade for general purposes. Machining of ordinary steel, cast irons and hard to machine materials such as refractory steel, manganese steel and stainless steel.	M10	YW1、 ZM15、 ZC1、YM10
YW2	13.3	1900	91.5	耐磨性高, 使用强度高, 能承受较大的冲击负荷。适于耐热钢、高锰钢、不锈钢及高级合金钢管的粗加工, 半精加工也适于普通钢和铸铁。 High wear resistance, strength comparatively higher and resistant to high impact load. Roughing and-medium machining of ordinary steel, cast irons as well as refractory steel, manganese steel, stainless steel and advanced alloy steel.	M20 - M30	YG813、 YW2、 ZM30、ZC2



槽型选择推荐

Chip-breaker application key

加工方式 Machining style	推荐槽型 Recommended geometry	工件材料 Workpiece Material	推荐参数 Recommended data
精加工 Finishing machining	-FB -V -A2 -FP -W KNUX- U3-	P S H	$ap=0.1-2.0(mm) f_n=0.05-0.35(mm/r)$
	-FB -V -A2 -FP -W KNUX- U3-	M	$ap=0.1-2.0(mm) f_n=0.1-0.3(mm/r)$
	-FB -W -H -FP U3- KNUX- -F RCMX- -A	K	$ap=0.5-2.0(mm) f_n=0.075-0.4(mm/r)$
	-LH	N	$ap=0.1-2.0(mm) f_n=0.05-0.4(mm/r)$
半精加工 Semi-finishing machining	-MB -NN -GS -MC -V -MP -A2 KNUX- -CK RCMX- -HQ	P S H	$ap=1-4(mm) f_n=0.2-0.5(mm/r)$
	-MB -NN -GS -MP -V KNUX- -A2 -HQ -CK	M	$ap=1-3.5(mm) f_n=0.2-0.4(mm/r)$
	-MC -NN -MP -V RCMX- -A2 -CK	K	$ap=1-3(mm) f_n=0.2-0.4(mm/r)$
	-LH	N	$ap=1-4(mm) f_n=0.2-0.4(mm/r)$
粗加工 Rough machining	-RB -RP RCMX- -CK -WM	P S H	$ap=3-7(mm) f_n=0.3-0.6(mm/r)$
	-RB -RP -CK -WM	M	$ap=2-6(mm) f_n=0.3-0.6(mm/r)$
	-RB -CK -WM	K	$ap=3-6(mm) f_n=0.3-0.6(mm/r)$
	-LH	N	$ap=0.5-5(mm) f_n=0.2-0.6(mm/r)$

本样本提供的技术参数有一定的使用条件, 请在使用时就实际生产环境适当调整。

All technology data in this catalogue is used under some conditions, please use it as your producing environment.



钢材
Steel



不锈钢材料
Stainless steel



铸铁
Cast iron



铝及有色金属
non-ferrite
materials



耐热优质合金钢
Heat resistant steel



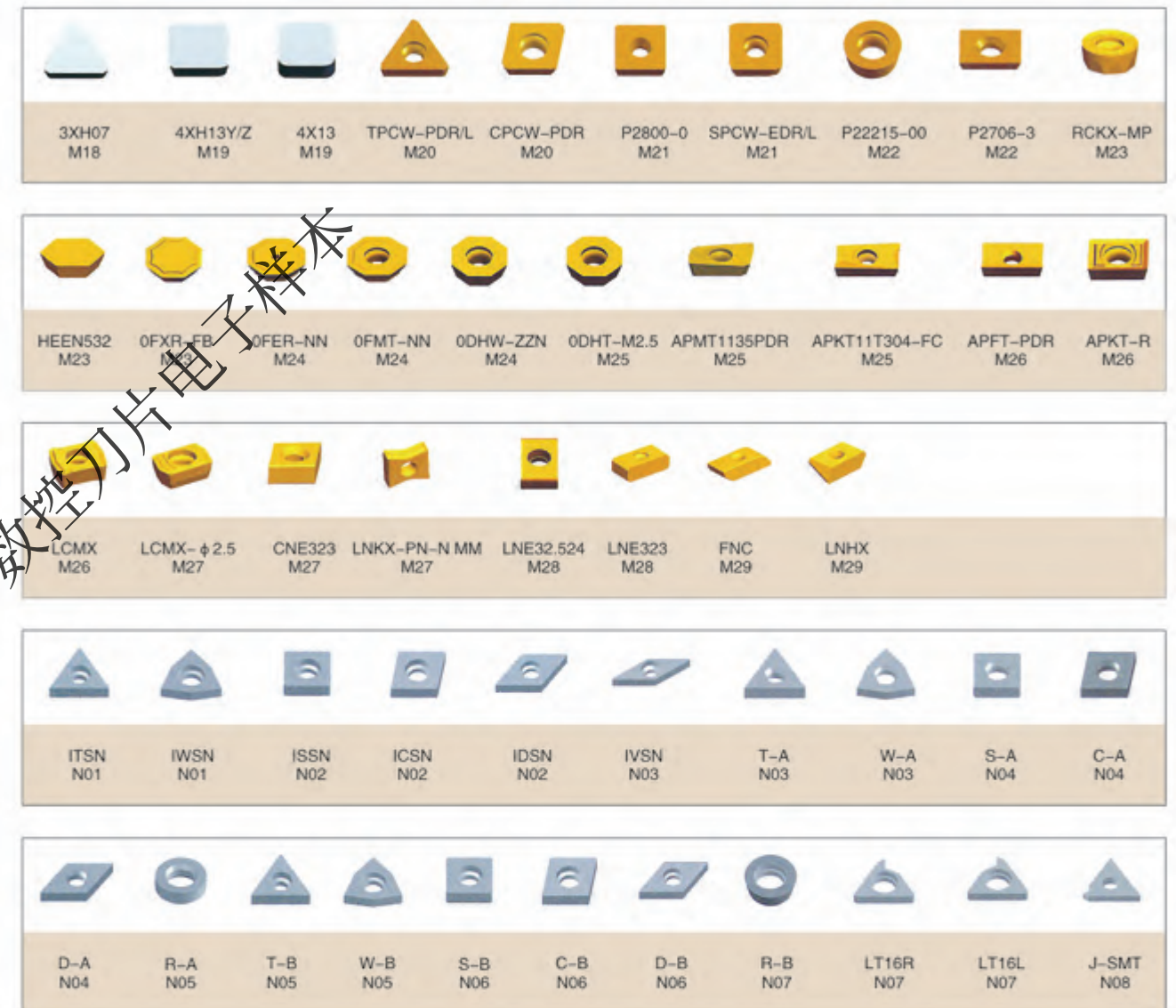
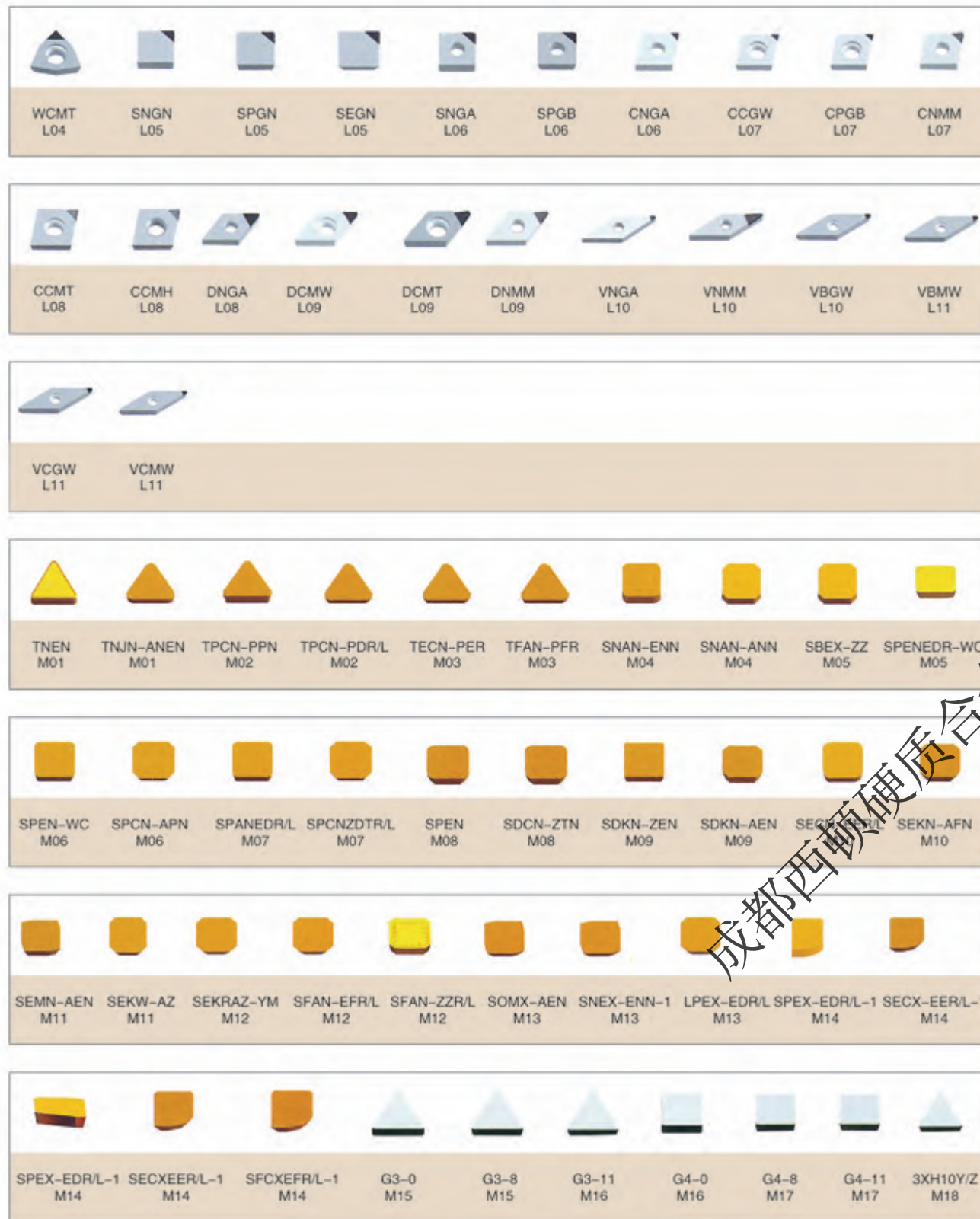
淬硬材料
Hardened material

产品预览 Product overview



CNMG-FB E01	CNMG-MB E01	CNMG-MC E02	CNMG-NN E02	CNMG-WM E03	CNMG-HQ E03	CNMG-V E04	CNMM-RB E04	CNMM-NN E05	CNMM-WM E05
CNMM-HQ E06	CNMM-WM E06	CNMA E07	DNMG-FB E07	DNMG-MB E08	DNMG-MC E08	DNMG-V E09	DNMG-NN E09	DNMG-WM E10	DNMG-GS E10
DNMM-RB E11	DNMM-NN E11	DNMM-WM E12	DNMM-GS E12	DNMA E13	SNMG-FB E13	SNMG-MB E14	SNMG-MC E14	SNMG-V E15	SNMM-V E15
SNGN E16	SNGA E16	TNMG-FB E17	TNMG-MB E17	TNMG-MC E18	TNMG-V E18	TNMG-A E19	TNMG-WM E19	TNMG-CK E20	TNMM-W E20
TNMM-A E21	TNMM-WM E21	TNMM-CK E22	TNGA E22	VNMG-FB E23	VNMG-MB E23	VNMG-MC E24	VNMG-V E24	WNMG-FB E25	WNMM-MB E25
WNMG-MC E26	WNMG-NN E26	WNMG-WM E27	WNMG-PS E27	WNMG-HS E28	WNMM-NN E28	WNMM-WM E29	WNMM-PS E29	WNMM-HS E30	WNMA E30
RNMG-V E31	CCMT-FPN E31	CCMT-MP E32	CCMT-RP E32	CCMT-WM E33	CCMW E33	CPMW E34	DCMT-FP E34	DCMT-MP E35	DCMT-WM E35







可转位车刀片 Indexable Inserts for turning

T			N			M			M			22		
1.刀片形状 Insert shape			2.主切削刃后角 Clearance angle			3.公差 Tolerance			4.断屑槽及夹固形式 Chipbreaker and/or fixing type			5.切削刃长度 Size of cutting edge		
符号 Symbol	刀片形状/顶角 Shape/Apical angle	图例 Fig.	符号 Symbol	主切削刃后角 Clearance angle		符号级别 Letter Symbol	公差 Tolerances (mm)			符号 Symbol	孔形 Hole form	剖面形状 Cross section		
H	六角形 hexagon 120°		A	3°		A	±0.005	±0.025	±0.025	N			H	
O	八角形 octagon 135°		B	5°		F	±0.005	±0.025	±0.013	R			Q	
P	五角形 pentagon 108°		C	7°		C	±0.013	±0.025	±0.025	F			P	
R	圆形 round		D	15°		H	±0.013	±0.025	±0.015	A	圆柱孔 cylindrical hole		R	
S	正方形 square 90°		E	20°		E	±0.025	±0.025	±0.025	M			S	
T	三角形 triangle 60°		F	25°		G	±0.025	±0.13	±0.025	G			T	
C	菱形 rhombic 80° 86° 75° 55° 35°		G	30°		J	±0.005	±0.025	±0.05	W	40°~60°		C	
M			N	0°		K	±0.013	±0.025	±0.13	T	沉头圆 柱孔		D	
E			P	11°		L	±0.025	±0.025	±0.13	Q	countersunk cylindrical hole		E	
V			O	其它 other clearance angles		M	±0.05~ ±0.18	±0.13	±0.13	U			M	
W	异六角形 Non-equilateral 80°					U	±0.05~ ±0.18	±0.13	±0.13	B	70°~90°		V	
L	长方形 rectangular 90°					N	±0.05~ ±0.18	±0.13	±0.13	H	沉头圆 柱孔		A	
K	平行四边形 rhomboid					O	±0.05~ ±0.18	±0.13	±0.13	C	countersunk cylindrical hole		B	
B	55°									J			K	
A	82°									X	其它 other			
	85°													

公差 Tolerances

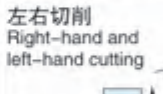
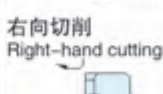
公差 Tolerances	d	m
6.35	±0.05	±0.08
9.525	±0.08	±0.13
12.70	±0.10	±0.15
15.875	±0.13	±0.18
19.05	±0.15	±0.20

M级D型刀片
Class M of shape D inserts.

公差 Tolerances	d	m
6.35	±0.05	±0.11
9.525	±0.08	±0.15
12.70	±0.10	±0.18
15.875	±0.13	±0.20
19.05	±0.15	±0.25

d 内切圆直径 inscribed circle diameter
s 刀片厚度 insert thickness m 见图例 see fig



04		08						-M		
6.刀片厚度 Insert thickness		7.刀尖角半径/修光刃 Cutting corner radiu/ dressing edge		8.切削刃倒棱形状 Cutting edge chamfer shape		9.进给方向 Cutting direction		10.断削槽 Chipbreaker type designation		
符号 Symbol	刀片厚度 Thickness	车削刀片 Turning		符号 Symbol	刀片形式 Edge form	形状 Shape	车削方向 Turning		符号 Symbol	应用 Application
01	1.59			F	锐刃 Sharp				ZF1	超精加工 Supper-finishing
T1	1.98	符号 Symbol		E	圆刃 rounded				ZPS	
02	2.38	刀尖角半径 Radiu r _t		S	负倒棱加 倒圆刃 Chamfered and rounded				FB	
T2	2.78	00		T	负倒棱 Chamf. cutting edges				FP	
03	3.18	02		K	双负倒棱 double- chamfered		铁削方向 Milling		V	精加工 finishing
T3	3.97	04		P	双负倒棱 和圆刃 double- chamfered and rounded				M	
04	4.77	08							A2	
05	5.56	12							H	
06	6.35	16							F	半精加工 Semi-finishing
07	7.14	20							A	
08	7.94	24							NN	
09	8.73	28							HQ	
10	9.52	32							MB	粗加工 Roughing
11	10.31	Mo 圆形刀片 Round insert nscribed circle metric							MC	
12	11.10								MP	
13	11.89								LH	
14	12.68								RB	通用性 General-purpose
15	13.47								RP	
16	14.26								WM	
17	15.05								LH	
18	15.84								V	
19	16.63								M	
20	17.42									
21	18.21									
22	19.00									
23	19.79									
24	20.58									
25	21.37									
26	22.16									
27	22.95									
28	23.74									
29	24.53									
30	25.32									
31	26.11									
32	26.90									
33	27.69									
34	28.48									
35	29.27									
36	30.06									
37	30.85									
38	31.64									
39	32.43									
40	33.22									
41	34.01									
42	34.80									
43	35.59									
44	36.38									
45	37.17									
46	37.96									
47	38.75									
48	39.54									
49	40.33									
50	41.12									
51	41.91									
52	42.70									
53	43.49									
54	44.28									
55	45.07									
56	45.86									
57	46.65									
58	47.44									
59	48.23									
60	49.02									
61	49.81									
62	50.60									
63	51.39									
64	52.18									
65	52.97									
66	53.76									
67	54.55									
68	55.34									
69	56.13									
70	56.92									
71	57.71									
72	58.50									
73	59.29									
74	60.08									
75	60.87									
76	61.66									
77	62.45									
78	63.24									
79	64.03									
80	64.82									
81	65.61									
82	66.40									
83	67.19									
84	67.98									
85	68.77									
86	69.56									
87	70.35									
88	71.14									
89	71.93									
90	72.72									
91	73.51									
92	74.30									
93	75.09									
94	75.88									
95	76.67									
96	77.46									
97	78.25									
98	79.04									
99	79.83									
100	80.62									
101	81.41									
102	82.20									
103	82.99									
104	83.78									
105	84.57									
106	85.36									
107	86.15									
108	86.94									
109	87.73									
110	88.52									
111	89.31									
112	90.10									
113	90.89									
114	91.68									
115	92.47									
116	93.26									
117	94.05									
118	94.84									
119	95.63									
120	96.42									
121	97.21									
122	98.00									
123	98.79									
124	99.58									
125	100.37									
126	101.16									
127	101.95									
128	102.74									
129	103.53									
130	104.32									
131	105.11									
132	105.90									
133	106.69									
134	107.48									
135	108.27									
136	109.06									
137	109.85									
138	110.64									
139	111.43									
140	112.22									
141	113.01									
142	113.80									
143	114.59									
144	115.38									
145	116.17									
146	116.96									
147	117.75									
148	118.54									
149	119.33									
150	120.12									
151	120.91									
152	121.70									
153	122.49									
154	123.28									
155	124.07									
156	124.86									
157	125.65									
158	126.44									
159	127.23									
160	128.02									
161	128.81									
162	129.60									
163	130.39									
164	131.18									
165	131.97									
166	132.76									
167	133.55									
168	134.34									
169	135.13									
170	135.92									
171	136.71									
172	137.50									
173	138.29									
174	139.08									
175	139.87									
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183	146.19									
184	146.98									
185	147.77									
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187	149.35									
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189	150.93									
190	151.72									
191	152.51									
192	153.30									
193	154.09									
194	154.88									
195	155.67									
196	156.46									
197	157.25									
198	158.04									
199	158.83									
200	159.62									
201	160.41									
202	161.20									
203	161.99									
204	162.78									
205	163.57									
206	164.36									
207	165.15									
208	165.94									

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMG	090304-FB	321-FB	9.7	9.525	3.18	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	090308-FB	322-FB	9.7	9.525	3.18	3.81	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120404-FB	431-FB	12.9	12.7	4.76	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120408-FB	432-FB	12.9	12.7	4.76	5.16	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120412-FB	433-FB	12.9	12.7	4.76	5.16	1.2										△	△	△	△	△		△
	160608-FB	542-FB	16.1	15.88	6.35	6.35	0.8	▲	▲				▲	▲		△		△		△	△		△
	160612-FB	543-FB	16.1	15.88	6.35	6.35	1.2	▲	▲				▲	▲		△		△		△	△		△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMG	090304-FB	321-FB	9.7	9.525	3.18	3.81	0.4																
	090308-FB	322-FB	9.7	9.525	3.18	3.81	0.8																
	090312-FB	323-FB	9.7	9.525	3.18	3.81	1.2																
	120404-FB	431-FB	12.9	12.7	4.76	5.16	0.4																
	120408-FB	432-FB	12.9	12.7	4.76	5.16	0.8																
	120412-FB	433-FB	12.9	12.7	4.76	5.16	1.2																
	120416-FB	434-FB	12.9	12.7	4.76	5.16	1.6																
	160608-FB	542-FB	16.1	15.857	6.35	6.35	0.8																
	160612-FB	543-FB	16.1	15.857	6.35	6.35	1.2																
	160616-FB	544-FB	16.1	15.857	6.35	6.35	1.6																
	190608-FB	642-FB	19.3	19.05	6.35	7.94	0.8																
	190612-FB	643-FB	19.3	19.05	6.35	7.94	1.2																
	190616-FB	644-FB	19.3	19.05	6.35	7.94	1.6																

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ϕI.C

S

ϕd

r

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST1420

ST1410

ST2035

ST2020

ST2010

ST3025

ST3030

YW2

ST3015

ST1010F

CNMG 090304-MC 321-MC 9.7 9.525 3.18 3.81 0.4

090308-MC 322-MC 9.7 9.525 3.18 3.81 0.8

090312-MC 323-MC 9.7 9.525 3.18 3.81 1.2

120404-MC 431-MC 12.9 12.7 4.76 5.16 0.4

120408-MC 432-MC 12.9 12.7 4.76 5.16 0.8

120412-MC 433-MC 12.9 12.7 4.76 5.16 1.2

120416-MC 434-MC 12.9 12.7 4.76 5.16 1.6

160608-MC 542-MC 16.1 15.875 6.35 6.35 0.8

160612-MC 543-MC 16.1 15.875 6.35 6.35 1.2

160616-MC 544-MC 16.1 15.875 6.35 6.35 1.6

190608-MC 642-MC 19.3 19.05 6.35 7.94 0.8

190612-MC 643-MC 19.3 19.05 6.35 7.94 1.2

190616-MC 644-MC 19.3 19.05 6.35 7.94 1.6

▲ ▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMG	090304-NN	321-NN	9.7	9.525	3.18	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120404-NN	431-NN	12.9	12.7	5.16	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	160604-NN	541-NN	16.1	15.875	6.35	6.35	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△

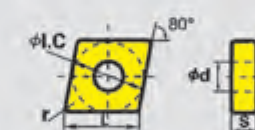
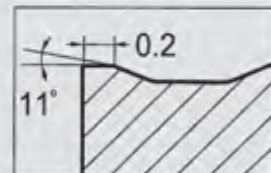
Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
CNMG	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	090308-WM	322-WM	9.7	9.525	3.18	3.81	0.8	▲	▲				▲	▲	△					△	△	△	
	120408-WM	432-WM	12.9	12.7	4.76	5.16	0.8	▲	▲				▲	▲	△					△	△	△	
	160608-WM	542-WM	16.1	15.875	6.35	6.35	0.8	▲	▲				▲	▲	△					△	△	△	

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMG	090304-HQ	321-HQ	9.7	9.525	3.18	3.81	0.4								▲	▲	▲	▲	▲	▲	▲	▲	▲
	120404-HQ	431-HQ	12.9	12.7	4.76	5.16	0.4								▲	▲	▲	▲	▲	▲	▲	▲	▲
	120408-HQ	432-HQ	12.9	12.7	4.76	5.16	0.8								▲	▲	▲	▲	▲	▲	▲	▲	▲
	160608-HQ	542-HQ	16.1	15.875	6.35	6.35	0.8								▲	▲	▲	▲	▲	▲	▲	▲	▲

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
(ISO) (inch)		L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMG	120404	431	12.9	12.7	4.76	5.16	0.4									▲	▲	▲	▲	▲	▲	▲	▲
	120408	432	12.9	12.7	4.76	5.16	0.8									▲	▲	▲	▲	▲	▲	▲	▲
	120412	433	12.9	12.7	4.76	5.16	1.2	▲	▲							▲							▲
	120416	434	12.9	12.7	4.76	5.16	1.6	▲	▲							▲							▲
	160608	542	16.1	15.875	6.35	6.35	0.8									▲	▲	▲	▲	▲	▲	▲	▲
	160612	543	16.1	15.875	6.35	6.35	1.2	▲	▲							▲							▲
	160616	544	16.1	15.875	6.35	6.35	1.6	▲	▲							▲							▲
	190608	642	19.3	19.05	6.35	7.94	0.8									▲	▲	▲	▲	▲	▲	▲	▲
	190612	643	19.3	19.05	6.35	7.94	1.2	▲	▲							▲							▲
	190616	644	19.3	19.05	6.35	7.94	1.6	▲	▲							▲							▲

Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
CNMM	(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	120408-RB	432-RB	12.9	12.7	4.76	5.16	0.8		▲	▲				▲	▲		△				△		△	
	120412-RB	433-RB	12.9	12.7	4.76	5.16	1.2		▲	▲				▲	▲		△				△		△	
	120416-RB	434-RB	12.9	12.7	4.76	5.16	1.6		▲	▲				▲	▲		△				△		△	
	160608-RB	542-RB	16.1	15.875	6.35	6.35	0.8		▲	▲				▲	▲		△				△		△	
	160612-RB	543-RB	16.1	15.875	6.35	6.35	1.2		▲	▲				▲	▲		△				△		△	
	160616-RB	544-RB	16.1	15.875	6.35	6.35	1.6		▲	▲				▲	▲		△				△		△	
	190612-RB	643-RB	19.3	19.05	6.35	7.94	1.2		▲	▲				▲	▲		△				△		△	
	190616-RB	644-RB	19.3	19.05	6.35	7.94	1.6		▲	▲				▲	▲		△				△		△	
	190624-RB	646-RB	19.3	19.05	6.35	7.94	2.4		▲	▲				▲	▲		△				△		△	

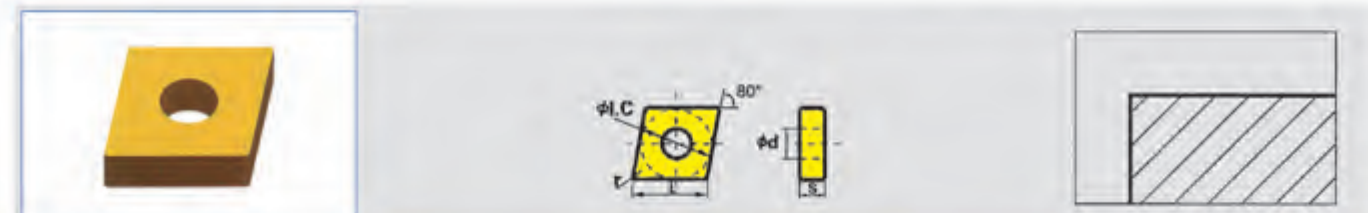
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号														
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
CNMG	090304-NN	321-NN	9.7	9.525	3.18	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	120404-NN	421-NN	12.9	12.7	4.76	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	160404-NN	541-NN	16.1	15.875	6.35	6.35	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△	△

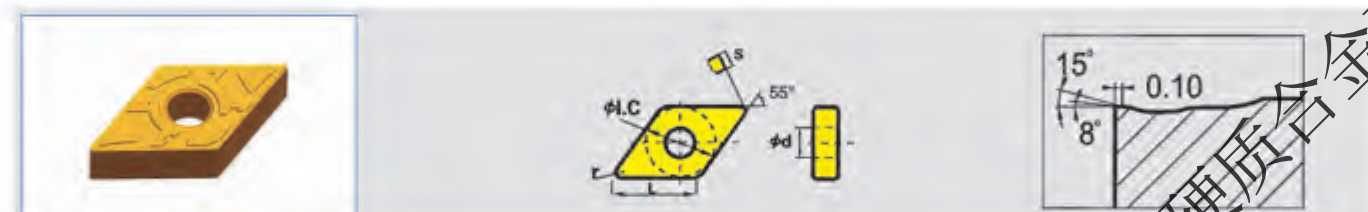
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMG	090308-WM	322-WM	9.7	9.525	3.18	3.81	0.8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	120408-WM	432-WM	12.9	12.7	4.76	5.16	0.8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	
	160608-WM	542-WM	16.1	15.875	6.35	6.35	0.8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMM	090304-HQ	321-HQ	9.7	9.525	3.18	3.81	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	120404-HQ	431-HQ	12.9	12.7	4.76	5.16	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	120408-HQ	432-HQ	12.9	12.7	4.76	5.16	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	160608-HQ	542-HQ	16.1	15.875	6.35	6.35	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

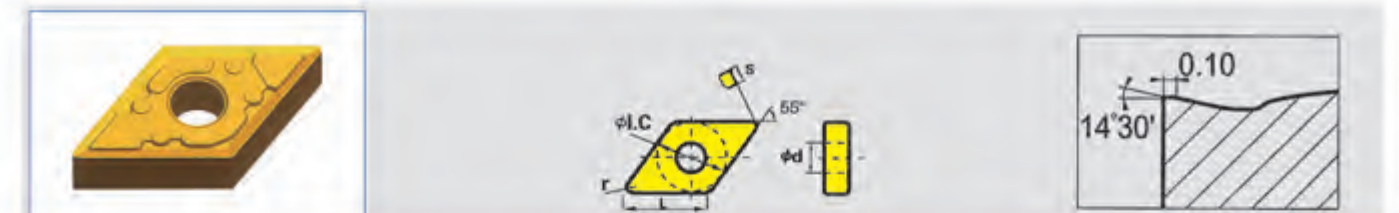
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNMM	120404-W	431-W	12.9	12.7	4.76	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120408-W	432-W	12.9	12.7	4.76	5.16	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120412-W	433-W	12.9	12.7	4.76	5.16	1.2	▲	▲				▲	▲		△				△		△	
	190608-W	642-W	19.3	19.05	6.35	7.94	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	190612-W	643-W	19.3	19.05	6.35	7.94	1.2	▲	▲				▲	▲		△				△		△	
	190616-W	644-W	19.3	19.05	6.35	7.94	1.6	▲	▲				▲	▲		△				△		△	
	190624-W	646-W	19.3	19.05	6.35	7.94	2.4	▲	▲				▲	▲		△				△		△	



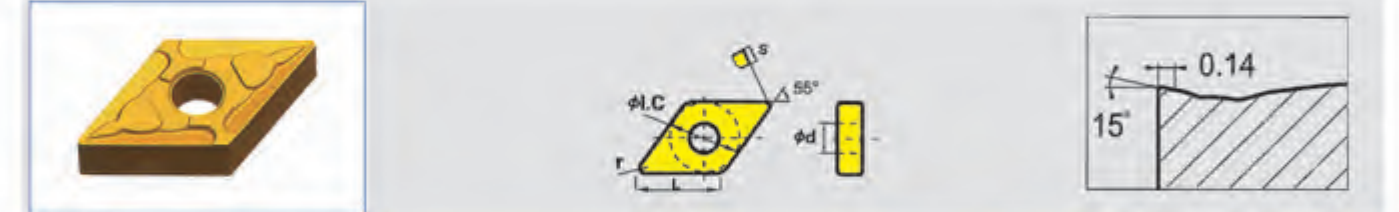
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST3420 ST3410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F		
CNMA	120404	431	12.9	12.7	4.76	5.16	0.4				
	120408	432	12.9	12.7	4.76	5.16	0.8				
	120412	433	12.9	12.7	4.76	5.16	1.2				
	120416	434	12.9	12.7	4.76	5.16	1.6				
	160612	543	16.1	15.875	6.35	6.35	1.2				
	160620	545	16.1	15.875	6.35	6.35	2.0				
	190612	643	19.3	19.05	6.35	7.94	1.2				
	190616	644	19.3	19.05	6.35	7.94	1.6				



Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST3420 ST3410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F		
DNMG	110404-FB	331-FB	11.6	9.525	4.76	3.81	0.4				
	110408-FB	332-FB	11.6	9.525	4.76	3.81	0.8				
	110412-FB	333-FB	11.6	9.525	4.76	3.81	1.2				
	150404-FB	431-FB	15.5	12.7	4.76	5.16	0.4				
	150408-FB	432-FB	15.5	12.7	4.76	5.16	0.8				
	150604-FB	441-FB	15.5	12.7	6.35	5.16	0.4				
	150608-FB	442-FB	15.5	12.7	6.35	5.16	0.8				
	150612-FB	443-FB	15.5	12.7	6.35	5.16	1.2				



Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST3420 ST3410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F		
DNMG	110404-MB	331-MB	11.6	9.525	4.76	3.81	0.4				
	110408-MB	332-MB	11.6	9.525	4.76	3.81	0.8				
	110412-MB	333-MB	11.6	9.525	4.76	3.81	1.2				
	150404-MB	431-MB	15.5	12.7	4.76	5.16	0.4				
	150408-MB	432-MB	15.5	12.7	4.76	5.16	0.8				
	150412-MB	433-MB	15.5	12.7	4.76	5.16	1.2				
	150604-MB	441-MB	15.5	12.7	6.35	5.16	0.4				
	150608-MB	442-MB	15.5	12.7	6.35	5.16	0.8				
	150612-MB	443-MB	15.5	12.7	6.35	5.16	1.2				
	150616-MB	444-MB	15.5	12.7	6.35	5.16	1.6				



Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST3420 ST3410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F		
DNMG	110404-MC	331-MC	11.6	9.525	4.76	3.81	0.4				
	110408-MC	332-MC	11.6	9.525	4.76	3.81	0.8				
	110412-MC	333-MC	11.6	9.525	4.76	3.81	1.2				
	150404-MC	431-MC	15.5	12.7	4.76	5.16	0.4				
	150408-MC	432-MC	15.5	12.7	4.76	5.16	0.8				
	150412-MC	433-MC	15.5	12.7	4.76	5.16	1.2				
	150416-MC	434-MC	15.5	12.7	6.35	5.16	1.6				
	150604-MC	441-MC	15.5	12.7	6.35	5.16	0.4				
	150608-MC	442-MC	15.5	12.7	6.35	5.16	0.8				
	150612-MC	443-MC	15.5	12.7	6.35	5.16	1.2				
	150616-MC	444-MC	15.5	12.7	6.35	5.16	1.6				

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMG	150604	441	15.5	12.7	6.35	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	150608	442	15.5	12.7	6.35	5.16	0.8				▲	▲	▲		▲		△	△	△	△	△		△
	150612	443	15.5	12.7	6.35	5.16	1.2	▲	▲				▲	▲		△				△		△	
	150616	444	15.5	12.7	6.35	5.16	1.6	▲	▲				▲	▲		△				△		△	
	190608	542	19.3	15.875	6.35	7.94	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	190612	543	19.3	15.875	6.35	7.94	1.2	▲	▲				▲	▲		△				△		△	

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMG	110404-NN	331-NN	11.6	9.525	4.76	3.81	0.4																
	150604-NN	441-NN	15.5	12.7	6.35	5.16	0.4																

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMG	110408-WM	332-WM	11.6	9.525	4.76	3.81	0.8	▲	▲				▲	▲		△				△		△	
	150608-WM	442-WM	15.5	12.7	6.35	5.16	0.8	▲	▲				▲	▲		△				△		△	

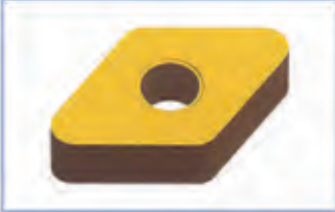
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMG	110404-GS	331-GS	11.6	9.525	4.76	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	150404-GS	431-GS	15.5	12.7	4.76	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	150408-GS	432-GS	15.5	12.7	4.76	5.16	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号												
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
DNMM	150608-RB	442-RB	15.5	12.7	6.35	5.16	0.8	▲	▲				▲	▲		△					△			
	150612-RB	443-RB	15.5	12.7	6.35	5.16	1.2	▲	▲				▲	▲		△				△		△		
	150616-RB	444-RB	15.5	12.7	6.35	5.16	1.6	▲	▲				▲	▲		△				△		△		

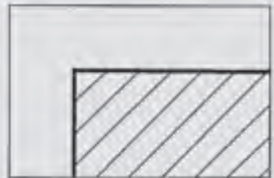
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMM	110404-NN	331-NN	11.6	9.525	4.76	3.81	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	150404-NN	431-NN	15.5	12.7	4.76	5.16	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
								▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMM	110408-WM	332-WM	11.6	9.525	4.76	3.81	0.8	▲	▲				▲	▲		△					△		
	150408-WM	432-WM	15.5	12.7	4.76	5.16	0.8	▲	▲				▲	▲		△					△		

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMM	110404-GS	331-GS	11.6	9.525	4.76	3.81	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	150404-GS	431-GS	15.5	12.7	4.76	5.16	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	150408-GS	432-GS	15.5	12.7	4.76	5.16	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△







Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNGA	110416	334	11.6	9.525	4.76	3.81	1.6							▲	▲							△	△
	110424	336	11.6	9.525	4.76	3.81	2.4							▲	▲							△	△
	150404	431	15.5	12.7	4.76	5.16	0.4							▲	▲							△	△
	150408	432	15.5	12.7	4.76	5.16	0.8							▲	▲							△	△
	150604	441	15.5	12.7	6.35	5.16	0.4							▲	▲							△	△
	150608	442	15.5	12.7	6.35	5.16	0.8							▲	▲							△	△
DNMA	150612	443	15.5	12.7	6.35	5.16	1.2							▲	▲							△	△
	110416	334	11.6	9.525	4.76	3.81	1.6							▲	▲							△	△
	110424	336	11.6	9.525	4.76	3.81	2.4							▲	▲							△	△
	150404	431	15.5	12.7	4.76	5.16	0.4							▲	▲							△	△
	150604	441	15.5	12.7	6.35	5.16	0.4							▲	▲							△	△
	150608	442	15.5	12.7	6.35	5.16	0.8							▲	▲							△	△
150612	443	15.5	12.7	6.35	5.16	1.2							▲	▲							△	△	
150616	444	15.5	12.7	6.35	5.16	1.6							▲	▲							△	△	

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SNMG	120408-FB	432-FB	12.7	12.7	4.76	5.16	0.8								▲								
	120412-FB	433-FB	12.7	12.7	4.76	5.16	1.2	▲	▲					▲	▲								

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO) (inch)

L ϕI.C S ϕd r

ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F

SNMG	090304-MB	321-MB	9.525	9.525	3.18	3.81	0.4																	
	090308-MB	322-MB	9.525	9.525	3.18	3.81	0.8																	
	090312-MB	323-MB	9.525	9.525	3.18	3.81	1.2																	
	120404-MB	431-MB	12.7	12.7	4.76	5.16	0.4																	
	120408-MB	432-MB	12.7	12.7	4.76	5.16	0.8																	
	120412-MB	433-MB	12.7	12.7	4.76	5.16	1.2																	
	120416-MB	434-MB	12.7	12.7	4.76	5.16	1.6																	
	150608-MB	542-MB	15.875	15.875	6.35	6.35	0.8																	
	150612-MB	543-MB	15.875	15.875	6.35	6.35	1.2																	
	150616-MB	544-MB	15.875	15.875	6.35	6.35	1.6																	
	190612-MB	643-MB	19.05	19.05	6.35	7.94	1.2																	
	190616-MB	644-MB	19.05	19.05	6.35	7.94	1.6																	

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ΦI.C

S

Φd

r

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST1420

ST1410

ST2035

ST2020

ST2010

ST3025

ST3030

YW2

ST3015

ST1010F

SNMG

090304-MC

321-MC

9.525

9.525

3.18

3.81

0.4

090308-MC

322-MC

9.525

9.525

3.18

3.81

0.8

090312-MC

323-MC

9.525

9.525

3.18

3.81

1.2

120404-MC

431-MC

12.7

12.7

4.76

5.16

0.4

120408-MC

432-MC

12.7

12.7

4.76

5.16

0.8

120412-MC

433-MC

12.7

12.7

4.76

5.16

1.2

120416-MC

434-MC

12.7

12.7

4.76

5.16

1.6

150612-MC

543-MC

15.875

15.875

6.35

6.35

1.2

190612-MC

643-MC

19.05

19.05

6.35

7.94

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Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SNMG	090304	321	9.525	9.525	3.18	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	090308	322	9.525	9.525	3.18	3.81	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120404	431	12.7	12.7	4.76	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120408	432	12.7	12.7	4.76	5.16	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120412	433	12.7	12.7	4.76	5.16	1.2	▲	▲					▲		△		△	△	△	△		△
	120416	434	12.7	12.7	4.76	5.16	1.6	▲	▲					▲		△		△	△	△	△		△
	150608	542	15.875	15.875	6.35	6.35	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	150612	543	15.875	15.875	6.35	6.35	1.2	▲	▲					▲		△		△	△	△	△		△
	190612	643	19.05	19.05	6.35	7.94	1.2	▲	▲					▲		△		△	△	△	△		△
	190616	644	19.05	19.05	6.35	7.94	1.6	▲	▲					▲		△		△	△	△	△		△

Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SNMM	090304	321	9.525	9.525	3.18	3.81	0.4				▲	▲	▲	▲		▲		△	△	△	△	△		△
	090308	322	9.525	9.525	3.18	3.81	0.8				▲	▲	▲	▲		▲		△	△	△	△	△		△
	120408	432	12.7	12.7	4.76	5.16	0.8				▲	▲	▲	▲		▲		△	△	△	△	△		△
	120412	433	12.7	12.7	4.76	5.16	1.2	▲	▲					▲	▲		△		△	△	△	△		△
	120416	434	12.7	12.7	4.76	5.16	1.6	▲	▲					▲	▲		△		△	△	△	△		△
	150608	542	15.88	15.88	6.35	6.35	0.8				▲	▲	▲	▲		▲		△	△	△	△	△		△
	150612	543	15.88	15.88	6.35	6.35	1.2	▲	▲					▲	▲		△		△	△	△	△		△
	190612	643	19.05	19.05	6.35	7.94	1.2	▲	▲					▲	▲		△		△	△	△	△		△
	190616	644	19.05	19.05	6.35	7.94	1.6	▲	▲					▲	▲		△		△	△	△	△		△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
SNGN	090308	322	9.525	9.525	3.18	-	0.8							▲	▲								△	△
	120408	432	12.7	12.7	4.76	-	0.8							▲	▲								△	△
	150408	532	15.88	15.88	4.76	-	0.8							▲	▲								△	△
	190412	633	19.05	19.05	4.76	-	1.2							▲	▲								△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
SNMA	090304	321	9.525	9.525	3.18	3.81	0.4							▲	▲								△	△
	090308	322	9.525	9.525	3.18	3.81	0.8							▲	▲								△	△
	120404	431	12.7	12.7	4.76	5.16	0.4							▲	▲								△	△
	120408	432	12.7	12.7	4.76	5.16	0.8							▲	▲								△	△
	120416	434	12.7	12.7	4.76	5.16	1.6							▲	▲								△	△
	150608	542	15.875	15.875	6.35	6.35	0.8							▲	▲								△	△
SNGA	090612	643	19.05	19.05	6.35	7.94	1.2							▲	▲								△	△
	190616	644	19.05	19.05	6.35	7.94	1.6							▲	▲								△	△
	090316	324	9.525	9.525	3.18	3.81	1.6							▲	▲								△	△
	090408	332	9.525	9.525	4.76	3.81	0.8							▲	▲								△	△
	120404	431	12.7	12.7	4.76	5.16	0.4							▲	▲								△	△
	120408	432	12.7	12.7	4.76	5.16	0.8							▲	▲								△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号				
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TNMG	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	160404-FB	331-FB	16.5	9.525	4.76	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	160408-FB	332-FB	16.5	9.525	4.76	3.81	0.8			▲	▲	▲	▲		▲					△			△
	160412-FB	333-FB	16.5	9.525	4.76	3.81	1.2	▲	▲					▲	▲		△			△			△
	220408-FB	432-FB	22	12.7	4.76	5.16	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	220412-FB	433-FB	22	12.7	4.76	5.16	1.2	▲	▲					▲	▲		△			△			△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TNMG	110304-MB	221-MB	11	6.35	3.18	2.26	0.4			▲	▲	▲	▲			△	△	△	△	△	△		△
	160404-MB	331-MB	16.5	9.525	4.76	3.81	0.4			▲	▲	▲	▲			△	△	△	△	△	△		△
	160408-MB	332-MB	16.5	9.525	4.76	3.81	0.8			▲	▲	▲	▲			△	△	△	△	△	△		△
	160412-MB	333-MB	16.5	9.525	4.76	3.81	1.2			▲	▲	▲	▲			△	△	△	△	△	△		△
	220404-MB	431-MB	22	12.7	4.76	5.16	0.4	▲	▲					▲		△	△	△	△	△	△		△
	220408-MB	432-MB	22	12.7	4.76	5.16	0.8			▲	▲	▲	▲		▲	△	△	△	△	△	△		△
	220412-MB	433-MB	22	12.7	4.76	5.16	1.2	▲	▲				▲	▲		△				△		△	
	220416-MB	434-MB	22	12.7	4.76	5.16	1.6	▲	▲				▲	▲		△				△		△	

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
TNMG	110304-MC	221-MC	11	6.35	3.18	2.2	0.4			▲	▲	▲	▲		▲		△	△	△	△	△			△
	110308-MC	222-MC	11	6.35	3.18	2.2	0.8										△	△	△	△	△			
	160404-MC	331-MC	16.5	9.525	4.76	3.81	0.4										△	△	△	△	△			△
	160408-MC	332-MC	16.5	9.525	4.76	3.81	0.8										△	△	△	△	△			
	160412-MC	333-MC	16.5	9.525	4.76	3.81	1.2										△	△	△	△	△			
	220408-MC	432-MC	22	12.7	4.76	5.16	0.8	▲	▲							△								
	220412-MC	433-MC	22	12.7	4.76	5.16	1.2										△	△	△	△	△			△
	220416-MC	434-MC	22	12.7	4.76	5.16	1.6																	
								▲	▲							△								

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
TNMG	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	110308	222	11	6.35	3.18	2.26	0.8																
	160404	321	16.5	9.525	4.76	3.81	0.4																
	160408	332	16.5	9.525	4.76	3.81	0.8																
	160412	333	16.5	9.525	4.76	3.81	1.2																
	220404	431	22	12.7	4.76	5.16	0.4																
	220408	432	22	12.7	4.76	5.16	0.8																
	220412	433	22	12.7	4.76	5.16	1.2																
	220416	434	22	12.7	4.76	5.16	1.6																
	270612	543	27.5	15.875	6.35	6.35	1.2																
	270616	544	27.5	15.875	6.35	6.35	1.6																

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号					
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(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
TNMG	160404R/L-A2 331R/L-A3	16.5	9.525	4.76	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△	△	△	△
	160408R/L-A2 332R/L-A3	16.5	9.525	4.76	3.81	0.8			▲	▲	▲	▲		▲		△	△	△	△	△	△	△	△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DNMG	160408-WM	332-WM	16.5	9.525	4.76	3.81	0.8	▲	▲				▲	▲		△	△	△	△	△	△	△	△
	220408-WM	432-WM	22	12.7	4.76	5.16	0.8	▲	▲				▲	▲		△	△	△	△	△	△	△	△

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ϕI.C

S

ϕd

r

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST1420

ST1410

ST2035

ST2020

ST2010

ST3025

ST3030

YW2

ST3015

ST1010F

TNMG

160404-CK

331-CK

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Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
TNMM	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	160404-W	331-W	16.5	9.525	4.76	3.81	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	160408-W	332-W	16.5	9.525	4.76	3.81	0.8				▲	▲	▲		▲		△	△	△	△	△		△
	160412-W	333-W	16.5	9.525	4.76	3.81	1.2	▲	▲				▲	▲			△	△	△	△	△		△
	220408-W	432-W	22	12.7	4.76	5.16	0.8				▲	▲	▲		▲		△	△	△	△	△		△
	220412-W	433-W	22	12.7	4.76	5.16	1.2	▲	▲				▲	▲		△		△	△	△	△		△
	220416-W	434-W	22	12.7	4.76	5.16	1.6	▲	▲				▲	▲		△			△	△	△		△
	270616-W	544-W	27.5	15.875	6.35	6.35	1.6	▲	▲				▲	▲		△			△	△	△		△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TNMM	160404R/L-A2	331R/L-A3	16.5	9.525	4.76	3.81	0.4		▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	160408R/L-A2	332R/L-A3	16.5	9.525	4.76	3.81	0.8		▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TNMM	160408-WM	332-WM	16.5	9.525	4.76	3.81	0.8	▲	▲				▲	▲		△	△	△	△	△	△	△	△
	220408-WM	432-WM	22	12.7	4.76	5.16	0.8	▲	▲				▲	▲		△	△	△	△	△	△	△	△

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ΦI.C

S

Φd

r

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST1420

ST1410

ST2035

ST2020

ST2010

ST3025

ST3030

YW2

ST3015

ST1010F

TNMM 160404-CK 331-CK 16.5 9.525 4.76 3.81 0.4

220408-CK 432-CK 22 12.7 4.76 5.16 0.8

▲ ▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TNMA	160304	321	16.5	9.525	3.18	3.81	0.4						▲	▲								△	△
	160308	322	16.5	9.525	3.18	3.81	0.8						▲	▲								△	△
	160404	331	16.5	9.525	4.76	3.81	0.4						▲	▲								△	△
	160408	332	16.5	9.525	4.76	3.81	0.8						▲	▲								△	△
	160412	333	16.5	9.525	4.76	3.81	1.2						▲	▲								△	△
	160416	334	16.5	9.525	4.76	3.81	1.6						▲	▲								△	△
	220404	431	22	12.7	4.76	5.16	0.4						▲	▲								△	△
	220408	432	22	12.7	4.76	5.16	0.8						▲	▲								△	△
TNGA	270616	544	27.5	15.875	6.35	6.35	1.6						▲	▲								△	△
	110304	221	11	6.35	3.18	2.26	0.4						▲	▲								△	△
	110308	222	11	6.35	3.18	2.26	0.8						▲	▲								△	△
	160404	331	16.5	9.525	4.76	3.81	0.4						▲	▲								△	△
	160416	334	16.5	9.525	4.76	3.81	1.6						▲	▲								△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
VNMG	160404-FB	331-FB	16.6	9.525	4.76	3.81	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	160408-FB	332-FB	16.6	9.525	4.76	3.81	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
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	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
VNMG	160408-MB	332-MB	16.6	9.525	4.76	3.81	0.8			▲	▲	▲			▲				△	△	△		△
	160412-MB	333-MB	16.6	9.525	4.76	3.81	1.2	▲	▲				▲	▲					△	△		△	

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
VNMG	160404-MC	331-MC	16.6	9.525	4.76	3.81	0.4			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	160408-MC	332-MC	16.6	9.525	4.76	3.81	0.8			▲	▲	▲	▲		▲		△	△	△	△	△	△	△
	160412-MC	333-MC	16.6	9.525	4.76	3.81	1.2	▲	▲				▲	▲		△				△		△	

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
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	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
VNMG	160404	331	16.6	9.525	4.76	3.81	0.4	▲	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	160408	332	16.6	9.525	4.76	3.81	0.8	▲	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
WNMG	060404-FB	331-FB	6.5	9.525	4.76	3.81	0.4																
	060408-FB	332-FB	6.5	9.525	4.76	3.81	0.8																
	060412-FB	333-FB	6.5	9.525	4.76	3.81	1.2																
	080404-FB	431-FB	8.7	12.7	4.76	5.16	0.4																
	080408-FB	432-FB	8.7	12.7	4.76	5.16	0.8																
	080412-FB	433-FB	8.7	12.7	4.76	5.16	1.2																







Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
WNMG	060408-MB	332-MB	6.5	9.525	4.76	3.81	0.8																
	060412-MB	333-MB	6.5	9.525	4.76	3.81	1.2																
	080404-MB	431-MB	8.7	12.7	4.76	5.16	0.4																
	080408-MB	432-MB	8.7	12.7	4.76	5.16	0.8																
	080412-MB	433-MB	8.7	12.7	4.76	5.16	1.2																

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)
(inch)

L ΦI.C S Φd r

WNMG	060408-MC	332-MC	6.5	9.525	4.76	3.81	0.8
	060412-MC	333-MC	6.5	9.525	4.76	3.81	1.2
	080404-MC	431-MC	8.7	12.7	4.76	5.16	0.4
	080408-MC	432-MC	8.7	12.7	4.76	5.16	0.8
	080412-MC	433-MC	8.7	12.7	4.76	5.16	1.2
	080608-MC	442-MC	8.7	12.7	6.35	5.16	0.8

ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
		▲	▲	▲	▲		▲		△	△	△	△	△	△	△
▲	▲							△				△		△	
		▲	▲	▲	▲		▲		△	△	△	△	△	△	△
▲	▲							△				△		△	
		▲	▲	▲	▲		▲		△	△	△	△	△	△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号														
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
WNMG	080404-NN	431-NN	8.68	12.7	4.76	5.16	0.4			▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	100604-NN	541-NN	10.86	15.875	6.35	6.35	0.4			▲	▲	▲	▲		▲		△	△	△	△	△	△		△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
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	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
WNMG	080408-WM	432-WM	8.68	12.7	4.76	5.16	0.8	▲	▲			▲	▲				△				△		△
	100612-WM	543-WM	10.86	15.875	6.35	6.35	1.2	▲	▲			▲	▲				△				△		△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
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WNMG	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
	080404-PS	431-PS	8.68	12.7	4.76	5.16	0.4			▲	▲	▲	▲	▲	▲		△			△		△	
	080408-PS	432-PS	8.68	12.7	4.76	5.16	0.8			▲	▲	▲	▲	▲	▲					△		△	
	100608-PS	542-PS	10.86	15.875	6.35	6.35	0.8			▲	▲	▲	▲	▲	▲					△		△	

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
WNMG	080404-HS	431-HS	8.68	12.7	4.76	5.16	0.4			▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	080408-HS	432-HS	8.68	12.7	4.76	5.16	0.8			▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	100608-HS	542-HS	10.86	15.875	6.35	6.35	0.8			▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号												
(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
WNMM	080404-NN	431-NN	8.68	12.7	4.76	5.16	0.4			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	100604-NN	541-NN	10.86	15.875	6.35	6.35	0.4			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
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	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST3010F
WNMM	080408-WM	432-WM	8.68	12.7	4.76	5.16	0.8	▲	▲			▲	▲		△					△		△	
	100612-WM	543-WM	10.86	15.875	6.35	6.35	1.2	▲	▲			▲	▲		△					△		△	





Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST4030	ST1035	ST1020	
WNMM	080404-PS	431-PS	8.68	12.7	4.76	5.16	0.4			▲	▲	▲	▲		▲		▲	▲	▲	▲	▲	▲	▲
	080408-PS	432-PS	8.68	12.7	4.76	5.16	0.8			▲	▲	▲	▲		▲		▲	▲	▲	▲	▲	▲	▲
	100608-PS	542-PS	10.86	15.875	6.35	6.35	0.8			▲	▲	▲	▲		▲		▲	▲	▲	▲	▲	▲	▲

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
(ISO)	(inch)	L	ΦI.C	S	Φd	r					
WNMM	080404-HS	431-HS	8.68	12.7	4.76	5.16	0.4	▲	▲	▲	▲
	080408-HS	432-HS	8.68	12.7	4.76	5.16	0.8	▲	▲	▲	▲
	100608-HS	542-HS	10.86	15.875	6.35	6.35	0.8	▲	▲	▲	▲

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)	L	ΦI.C	S	Φd	r																	
WNMA	06T308	3(2.5)2	6.5	9.525	3.97	3.81	0.8	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST3010F
	060408	332	6.5	9.525	4.76	3.81	0.8							▲	▲							△	△
	080404	431	8.7	12.7	4.76	5.16	0.4							▲	▲							△	△
	080412	433	8.7	12.7	4.76	5.16	1.2							▲	▲							△	△
	080416	434	8.7	12.7	4.76	5.16	1.6							▲	▲							△	△

Type型号			Dimension(mm)基本尺寸			Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	φI.C	S	φd	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1620	ST1110	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
RNMG	0903MO	-	9.525	3.18	3.81			▲	▲	▲	▲		▲		△	△	△	△	△		△
	1204MO	-	12.7	4.76	5.16			▲	▲	▲	▲		▲		△	△	△	△	△		△
	080300	-	8	3.18	2.26			▲	▲	▲	▲		▲		△	△	△	△	△		△
	10T300	-	10	3.97	3.81			▲	▲	▲	▲		▲		△	△	△	△	△		△
	120400	-	12	4.76	5.16			▲	▲	▲	▲		▲		△	△	△	△	△		△
	160500	-	16	5.56	6.35	▲	▲					▲	▲	△						△	
	200600	-	20	6.35	7.93	▲	▲					▲	▲	△				△		△	
	250700	-	25	7.93	9.12	▲	▲					▲	▲	△				△		△	

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)		L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CCMT	050202-FP	1.8(1.5)0-FP	5.56	5.56	2.38	2.5	0.2									△	△	△	△	△	△		△
	060202-FP	2(1.5)0-FP	6.4	6.35	2.38	2.8	0.2									△	△	△	△	△	△		△
	060204-FP	2(1.5)1-FP	6.4	6.35	2.38	2.8	0.4									△	△	△	△	△	△		△
	060208-FP	2(1.5)2-FP	6.4	6.35	2.38	2.8	0.8									△	△	△	△	△	△		△
	09T308-FP	3(2.5)2-FP	9.7	9.525	3.97	4.4	0.8									△	△	△	△	△	△		△
	120404-FP	431-FP	12.9	12.7	4.76	5.5	0.4									△	△	△	△	△	△		△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)	L	ϕI.C	S	ϕd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CCMT	050202-MP	1.8(1.5)0-MP	5.56	5.56	2.38	2.5	0.2																
	060202-MP	2(1.5)0-MP	6.4	6.35	2.38	2.8	0.2																
	060204-MP	2(1.5)1-MP	6.4	6.35	2.38	2.8	0.4																
	060208-MP	2(1.5)2-MP	6.4	6.35	2.38	2.8	0.8																
	09T304-MP	3(2.5)1-MP	9.7	9.525	3.97	4.4	0.4																
	09T308-MP	3(2.5)2-MP	9.7	9.525	3.97	4.4	0.8																
	120404-MP	431-MP	12.9	12.7	4.76	5.5	0.4																
	120408-MP	432-MP	12.9	12.7	4.76	5.6	0.8																
	120412-MP	433-MP	12.9	12.7	4.76	5.6	1.2																

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)		L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CCMT	060204-RP	2(1.5)1-RP	6.4	6.35	2.38	2.8	0.4	▲	▲				▲	▲		△				△		△	
	060208-RP	2(1.5)2-RP	6.4	6.35	2.38	2.8	0.8	▲	▲							△				△		△	
	09T304-RP	3(2.5)1-RP	9.7	9.525	3.97	4.4	0.4	▲	▲				▲	▲		△				△		△	
	09T308-RP	3(2.5)2-RP	9.7	9.525	3.97	4.4	0.8	▲	▲				▲	▲		△				△		△	
	120408-RP	432-RP	12.9	12.7	4.76	5.5	0.8	▲	▲				▲	▲		△				△		△	
	120412-RP	433-RP	12.9	12.7	4.76	5.5	1.2	▲	▲				▲	▲		△				△		△	

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CCMT	09T308-WM	3(2.5)2-WM	9.7	9.525	3.97	4.4	0.8	▲	▲			▲	▲		△					△		△	
	120408-WM	432-WM	12.9	12.7	4.76	5.5	0.8	▲	▲			▲	▲		△					△		△	

Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CCMW	060204	2(1.5)1	6.4	6.35	2.38	2.8	0.4								▲	▲							△	△
	090304	321	9.7	9.525	3.18	4.4	0.4								▲	▲							△	△
	09T304	3(2.5)1	9.7	9.525	3.97	4.4	0.4								▲	▲							△	△
	09T308	3(2.5)2	9.7	9.525	3.97	4.4	0.8								▲	▲							△	△
	120404	431	12.9	12.7	4.76	5.5	0.4								▲	▲							△	△
	120408	432	12.9	12.7	4.76	5.5	0.8								▲	▲							△	△

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ΦI.C

S

Φd

r

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST3420

ST3410

ST2035

ST2020

ST2010

ST3025

ST3030

YW2

ST3015

ST1010F

CPGW

050204

1.8(1.5)1

5.6

5.56

2.38

2.5

0.4

▲▲

△△

060204

2(1.5)1

6.4

6.35

2.38

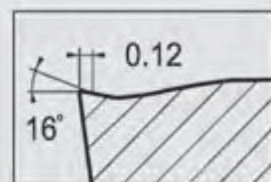
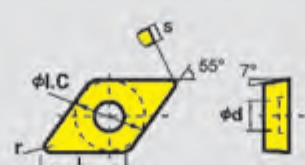
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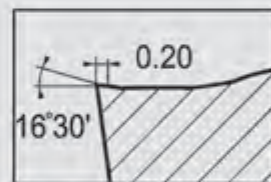
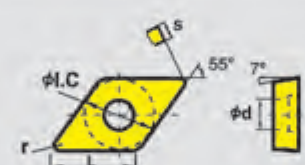
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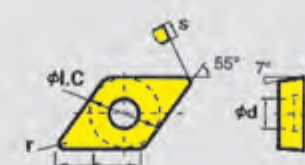
Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
DCMT	070202-FP	2(1.5)0-FP	7.8	6.35	2.38	2.8	0.2				▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	070204-FP	2(1.5)1-FP	7.8	6.35	2.38	2.8	0.4				▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	070208-FP	2(1.5)2-FP	7.8	6.35	2.38	2.8	0.8				▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	11T302-FP	3(2.5)0-FP	11.6	9.525	3.97	4.4	0.2				▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	11T304-FP	3(2.5)1-FP	11.6	9.525	3.97	4.4	0.4				▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	11T308-FP	3(2.5)2-FP	11.6	9.525	3.97	4.4	0.8				▲	▲	▲	▲		▲		△	△	△	△	△		△	△



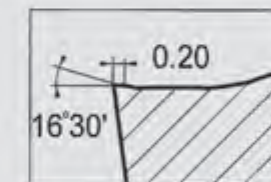
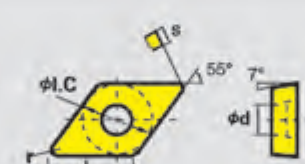
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST1015	ST1001P
DCMT	070204-MP	2(1.5)1-MP	7.8	6.35	2.38	2.8	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	070208-MP	2(1.5)2-MP	7.8	6.35	2.38	2.8	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	11T304-MP	3(2.5)1-MP	11.6	9.525	3.97	4.4	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	11T308-MP	3(2.5)2-MP	11.6	9.525	3.97	4.4	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	11T312-MP	3(2.5)3-MP	11.6	9.525	3.97	4.4	1.2	▲	▲					▲		△					△		△



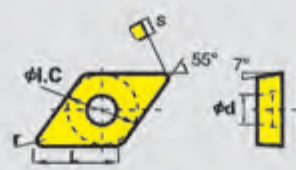
Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号												
(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
DCMT	11T308-WM	3(2.5)2-WM	11.6	9.525	3.97	4.4	0.8	▲	▲			▲	▲							△		△
	150408-WM	432-WM	15.5	12.7	4.76	5.5	0.8	▲	▲			▲	▲							△		△



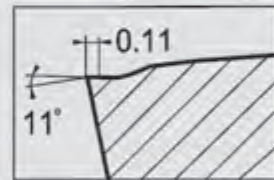
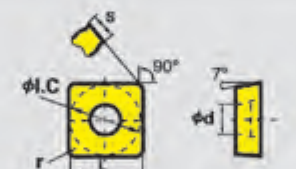
Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
DCMT	(ISO)	(inch)	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST1015	ST1010P
	070202	2(1.5)0	6.35	2.38	2.8	0.2	-	▲	▲			▲	▲			△			△	△		△	
	070204	2(1.5)1	9.525	2.38	2.8	0.4	-	▲	▲			▲	▲			△			△	△		△	
	11T304	3(2.5)1	9.525	3.97	4.4	0.4	-	▲	▲			▲	▲			△			△	△		△	
	11T308	3(2.5)2	9.525	3.97	4.4	0.8	-	▲	▲			▲	▲			△			△	△		△	
	11T312	3(2.5)3	9.525	3.97	4.4	1.2	-	▲	▲			▲	▲			△			△	△		△	
	150404	431	12.7	4.76	5.5	0.4	-			▲	▲	▲	▲		▲		△	△	△	△	△		△
	150404	431	12.7	4.76	5.5	0.4	-			▲	▲	▲	▲		▲		△	△	△	△	△		△
	150408	432	12.7	4.76	5.5	0.8	-			▲	▲	▲	▲		▲		△	△	△	△	△		△
	150408	432	12.7	4.76	5.5	0.8	-			▲	▲	▲	▲		▲		△	△	△	△	△		△
150412	433	12.7	4.76	5.5	1.2	-	▲	▲				▲	▲		△				△		△		



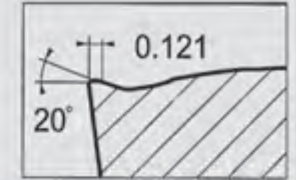
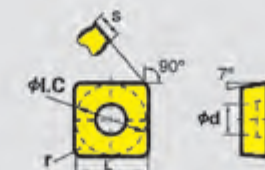
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号												
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST1015	ST1010P	
DCMT	11T304-RP	3(2.5)1-RP	11.6	9.525	3.97	4.4	0.4	▲	▲				▲	▲		△				△		△		
	11T308-RP	3(2.5)2-RP	11.6	9.525	3.97	4.4	0.8	▲	▲				▲	▲		△				△		△		
	11T312-RP	3(2.5)3-RP	11.6	9.525	3.97	4.4	1.2	▲	▲				▲	▲		△				△		△		



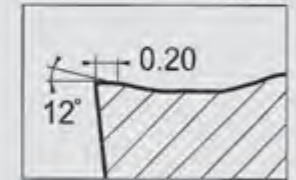
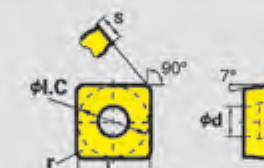
Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)		L	ΦI.C	S	Φd	r			
DCMW	11T304	3(2.5)1	11.6	9.525	3.97	4.4	0.4		ST2135	ST2035
	11T308	3(2.5)2	11.6	9.525	3.97	4.4	0.8		ST2230	ST2020
DPMW	11T304	3(2.5)1	11.6	9.525	3.97	4.4	0.4		ST2415	ST2010
	11T308	3(2.5)2	11.6	9.525	3.97	4.4	0.8		ST2410	ST3025
DCGW	11T304	3(2.5)1	11.6	9.525	3.97	4.4	0.4		ST3420	ST3030
	11T308	3(2.5)2	11.6	9.525	3.97	4.4	0.8		ST3430	YW2
									ST1420	ST1015P
									ST1410	



Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)		L	ΦI.C	S	Φd	r			
SCMT	09T302-FP	3(2.5)0-FP	9.525	9.525	3.97	4.4	0.2		ST2135	ST2035
	09T304-FP	3(2.5)1-FP	9.525	9.525	3.97	4.4	0.4		ST2230	ST2020
	09T308-FP	3(2.5)2-FP	9.525	9.525	3.97	4.4	0.8		ST2415	ST2010
									ST2410	ST3025
									ST3420	ST3030
									ST3430	YW2
									ST1420	ST1015P
									ST1410	

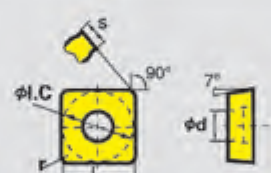


Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)		L	ΦI.C	S	Φd	r			
SCMT	09T304-MP	3(1.5)1-MP	9.525	9.525	3.97	4.4	0.4		ST2135	ST2035
	09T308-MP	3(1.5)2-MP	9.525	9.525	3.97	4.4	0.8		ST2230	ST2020
	120404-MP	431-MP	12.7	12.7	4.76	5.56	0.4		ST2415	ST2010
	120408-MP	432-MP	12.7	12.7	4.76	5.56	0.8		ST2410	ST3025
	120412-MP	433-MP	12.7	12.7	4.76	5.56	1.2		ST3420	ST3030
									ST3430	YW2
									ST1420	ST1015P
									ST1410	



Type型号			Dimension(mm)基本尺寸						Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)		L	ΦI.C	S	Φd	r			
SCMT	09T304	3(2.5)1	9.525	9.525	3.97	4.4	0.4		ST2135	ST2035
	120408	431	12.7	12.7	4.76	5.5	0.4		ST2230	ST2020
	120408	432	12.7	12.7	4.76	5.5	0.8		ST2415	ST2010
									ST2410	ST3025
									ST3420	ST3030
									ST3430	YW2
									ST1420	ST1015P
									ST1410	

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SCMT	09T304-RP	3(2.5)1-RP	9.525	9.525	3.97	4.4	0.4	▲	▲				▲	▲		△					△		△
	09T308-RP	3(2.5)2-RP	9.525	9.525	3.97	4.4	0.8	▲	▲				▲	▲		△				△		△	
	120404-RP	431-RP	12.7	12.7	4.76	5.56	0.4	▲	▲				▲	▲		△				△		△	
	120408-RP	432-RP	12.7	12.7	4.76	5.56	0.8	▲	▲				▲	▲		△				△		△	
	120412-RP	433-RP	12.7	12.7	4.76	5.56	1.2	▲	▲				▲	▲		△				△		△	



Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SCMW	060204	2(1.5)1	6.35	6.35	2.38	2.8	0.4									▲	▲					△	△
	09T304	3(2.5)1	9.525	9.525	3.97	4.4	0.4									▲	▲					△	△
	09T308	3(2.5)2	9.525	9.525	3.97	4.4	0.8									▲	▲					△	△
	120404	431	12.7	12.7	4.76	5.5	0.4									▲	▲					△	△
	150408	532	15.875	15.875	4.76	5.5	0.8									▲	▲					△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SPMW	09T304	3(2.5)1	9.525	9.525	3.97	4.4	0.4							▲	▲							△	△
	09T308	3(2.5)2	9.525	9.525	3.97	4.4	0.8							▲	▲							△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SPMR	090304-W	321-W	9.525	9.525	3.18	-	0.4										△	△	△	△	△		△
	090308-W	322-W	9.525	9.525	3.18	-	0.8										△	△	△	△	△		△
	09T304-W	3(2.5)1-W	9.525	9.525	3.97	-	0.4										△	△	△	△	△		△
	09T308-W	3(2.5)2-W	9.525	9.525	3.97	-	0.8										△	△	△	△	△		△
	120304-W	421-W	12.7	12.7	3.18	-	0.4										△	△	△	△	△		△
	120308-W	422-W	12.7	12.7	3.18	-	0.8										△	△	△	△	△		△
	120312-W	423-W	12.7	12.7	3.18	-	1.2										△	△	△	△	△		△
								▲	▲					▲	▲	△					△		△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST3010F
SPGN	090304	321	9.525	9.525	3.18	-	0.4							▲	▲							△	△
	090308	322	9.525	9.525	3.18	-	0.8							▲	▲							△	△
	120308	422	12.7	12.7	3.18	-	0.8							▲	▲							△	△
	120404	431	12.7	12.7	4.76	-	0.4							▲	▲							△	△
	120408	432	12.7	12.7	4.76	-	0.8							▲	▲							△	△
	120412	433	12.7	12.7	4.76	-	1.2							▲	▲							△	△
	150404	531	15.875	15.875	4.76	-	0.4							▲	▲							△	△
	150408	532	15.875	15.875	4.76	-	0.8							▲	▲							△	△
	190408	632	19.05	19.05	4.76	-	0.8							▲	▲							△	△
	190416	634	19.05	19.05	4.76	-	1.6							▲	▲							△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号											
(ISO)	(inch)		L	$\phi I.C$	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST3010F
TCMT	06T102-FP	1.2(1.2)0-FP	6.4	3.97	1.98	2.2	0.2	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	06T104-FP	1.2(1.2)1-FP	6.4	3.97	1.98	2.2	0.4	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	06T108-FP	1.2(1.2)2-FP	6.4	3.97	1.98	2.2	0.8	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	090202-FP	1.8(1.5)0-FP	9.6	5.56	2.38	2.5	0.2	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	090204-FP	1.8(1.5)1-FP	9.6	5.56	2.38	2.5	0.4	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	090208-FP	1.8(1.5)2-FP	9.6	5.56	2.38	2.5	0.8	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	110202-FP	2(1.5)0-FP	11	6.35	2.38	2.8	0.2	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	110204-FP	2(1.5)1-FP	11	6.35	2.38	2.8	0.4	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	110208-FP	2(1.5)2-FP	11	6.35	2.38	2.8	0.8	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	06T302-FP	3(2.5)0-FP	16.5	9.525	3.97	4.4	0.2	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	06T304-FP	3(2.5)1-FP	16.5	9.525	3.97	4.4	0.4	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
	06T308-FP	3(2.5)2-FP	16.5	9.525	3.97	4.4	0.8	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L ΦI.C S Φd r

ST2135
ST2230
ST2415
ST2410
ST3420
ST3430
ST3420
ST3410

ST2035
ST2020
ST2010
ST3025
ST3030
YW2
ST3015
ST3010F

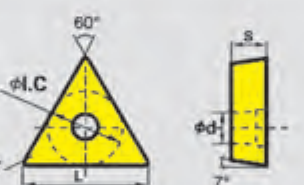
TCMT	090204-MP	1.8(1.5)1-MP	9.6	5.56	2.38	2.5	0.4
	090208-MP	1.8(1.5)2-MP	9.6	5.56	2.38	2.5	0.8
	110204-MP	2(1.5)1-MP	11	6.35	2.38	2.8	0.4
	110208-MP	2(1.5)2-MP	11	6.35	2.38	2.8	0.8
	16T304-MP	3(2.5)1-MP	16.5	9.525	3.97	4.4	0.4
	16T308-MP	3(2.5)2-MP	16.5	9.525	3.97	4.4	0.8
	16T312-MP	3(2.5)3-MP	16.5	9.525	3.97	4.4	1.2

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Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	$\phi I.C$	S	ϕd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST3420 ST3410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST3010F		
TCMT	090202	1.8(1.5)0	9.6	5.56	2.38	2.5	0.2	▲	▲	△	△
	090204	1.8(1.5)1	9.6	5.56	2.38	2.5	0.4	▲	▲	△	△
	110202	2(1.5)0	11	6.35	2.38	2.8	0.2	▲	▲	△	△
	110204	2(1.5)1	11	6.35	2.38	2.8	0.4	▲	▲	△	△
	130304	-	13.6	7.94	3.18	3.4	0.4	▲	▲	△	△
	130308	-	13.6	7.94	3.18	3.4	0.8	▲	▲	△	△
	16T304	3(2.5)1	16.5	9.525	3.97	4.4	0.4	▲	▲	△	△
	16T308	3(2.5)2	16.5	9.525	3.97	4.4	0.8	▲	▲	△	△
	16T312	3(2.5)3	16.5	9.525	3.97	4.4	1.2	▲	▲	△	△
	220404	431	22	12.7	4.76	5.5	0.4	▲	▲	△	△
	220404	431	22	12.7	4.76	5.5	0.4	▲	▲	△	△
	220408	432	22	12.7	4.76	5.5	0.8	▲	▲	△	△
	220408	432	22	12.7	4.76	5.5	0.8	▲	▲	△	△
	220412	433	22	12.7	4.76	5.5	1.2	▲	▲	△	△
	220416	434	22	12.7	4.76	5.5	1.6	▲	▲	△	△

Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号												
(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
TCMT	090204-RP	1.8(1.5)1-RP	9.6	5.56	2.38	2.5	0.4	▲	▲			▲	▲		△					△			△	
	090208-RP	1.8(1.5)2-RP	9.6	5.56	2.38	2.5	0.8	▲	▲			▲	▲		△					△			△	
	16T304-RP	3(2.5)1-RP	16.5	9.525	3.97	4.4	0.4	▲	▲			▲	▲		△					△			△	
	16T308-RP	3(2.5)2-RP	16.5	9.525	3.97	4.4	0.8	▲	▲			▲	▲		△					△			△	
	16T312-RP	3(2.5)3-RP	16.5	9.525	3.97	4.4	1.2	▲	▲			▲	▲		△					△			△	
	220408-RP	432-RP	22	12.7	4.76	5.5	0.8	▲	▲			▲	▲		△					△			△	







Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号												
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
TCMW	110204	2(1.5)1	11	6.35	2.38	2.8	0.4						▲	▲		△				△			△	
	16T304	3(2.5)1	16.5	9.525	3.97	4.4	0.4						▲	▲		△				△			△	
	16T308	3(2.5)2	16.5	9.525	3.97	4.4	0.8						▲	▲		△				△			△	
	16T312	3(2.5)3	16.5	9.525	3.97	4.4	1.2						▲	▲		△				△			△	
	220408	432	22	12.7	4.76	5.5	0.8						▲	▲		△				△			△	
TCGW	16T304	3(2.5)1	16.5	9.525	3.97	4.4	0.4						▲	▲		△				△			△	
	16T308	3(2.5)2	16.5	9.525	3.97	4.4	0.8						▲	▲		△				△			△	
	16T312	3(2.5)3	16.5	9.525	3.97	4.4	1.2						▲	▲		△				△			△	

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ΦI.C

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r

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST3420

ST3410

ST2035

ST2020

ST2010

ST3025

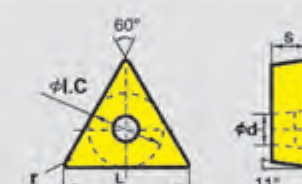
ST3030

YW2

ST3015

ST1010F

TCGH	110304	221	11	6.35	3.18	2.26	0.4					▲	▲		△				△			△	
	110308	222	11	6.35	3.18	2.26	0.8					▲	▲		△				△			△	
	160304	321	16.5	9.525	3.18	3.81	0.4					▲	▲		△				△			△	
	160308	322	16.5	9.525	3.18	3.81	0.8					▲	▲		△				△			△	


Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TPGB	090204	1.8(1.5)1	9.6	5.56	2.38	2.8	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△
	090208	1.8(1.5)2	9.6	5.56	2.38	2.8	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	270416	534	27.5	15.875	4.76	5.16	1.6	▲	▲				▲	▲		△				△			△

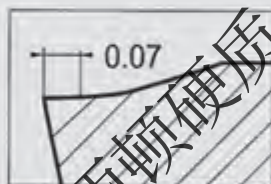
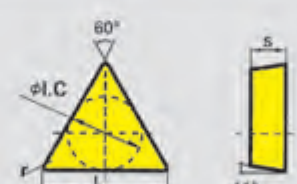
Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

	(ISO)	(inch)	L	ΦI.C	S	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1430	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TPGN	090204	1.8(1.5)1	9.6	5.56	2.38	0.4							▲	▲							△	△
	090208	1.8(1.5)2	9.6	5.56	2.38	0.8							▲	▲							△	△
	110204	2(1.5)1	11	6.35	2.38	0.4							▲	▲							△	△
	110208	2(1.5)2	11	6.35	2.38	0.8							▲	▲							△	△
	110304	221	11	6.35	3.18	0.4							▲	▲							△	△
	110308	222	11	6.35	3.18	0.8							▲	▲							△	△
	160304	321	16.5	9.525	3.18	0.4							▲	▲							△	△
	160308	322	16.5	9.525	3.18	0.8							▲	▲							△	△
	160408	332	16.5	9.525	4.76	0.8							▲	▲							△	△
	220404	431	22	12.7	4.76	0.4							▲	▲							△	△
	220408	432	22	12.7	4.76	0.8							▲	▲							△	△
	220412	433	22	12.7	4.76	1.2							▲	▲							△	△

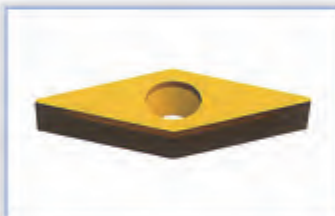


Type型号			Dimension(mm)基本尺寸				Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ϕI.C	S	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1430	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TPMR	090204	1.8(1.5)1	9.6	5.56	2.38	0.4			▲	▲	▲	▲		▲		△	△	△	△	△	△	△
	110304	221	11	6.35	3.18	0.4			▲	▲	▲	▲		▲		△	△	△	△	△	△	△
	110308	222	11	6.35	3.18	0.8				▲	▲	▲		▲		△	△	△	△	△	△	△
	160304	321	16.5	9.525	3.18	0.4				▲	▲	▲		▲		△	△	△	△	△	△	△
	160308	322	16.5	9.525	3.18	0.8				▲	▲	▲		▲		△	△	△	△	△	△	△
	160312	323	16.5	9.525	3.18	1.2	▲	▲					▲	▲	△				△		△	△
	220412	433	22	12.7	4.76	1.2	▲	▲					▲	▲	△				△		△	△

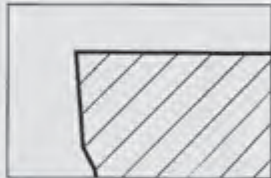
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	(ISO)	(inch)	L	$\phi I.C$	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TPGW	090204	1.8(1.5)1	9.6	5.56	2.38	2.8	0.4							▲	▲							△	△
	090208	1.8(1.5)2	9.6	5.56	2.38	2.8	0.8							▲	▲							△	△
	110304	221	11	6.35	3.18	2.8	0.4							▲	▲							△	△
	110308	222	11	6.35	3.18	2.8	0.8							▲	▲							△	△
	160308	322	16.5	9.525	3.18	4.4	0.8							▲	▲							△	△
	16T302	3(2.5)0	16.5	9.525	3.97	4.4	0.2							▲	▲							△	△
	160400		16.5	9.525	4.76	4.4	0							▲	▲							△	△
	220408	432	22	12.7	4.76	5.5	0.8							▲	▲							△	△

Type型号			Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号												
	(ISO)	(inch)	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
	U3-8003-L	-	4	1.8	2.2	0.3			▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	U4-8004-L	-	5.6	2.5	2.8	0.4			▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	U5-8005-L	-	8.2	3	3.4	0.5			▲	▲	▲	▲		▲		△	△	△	△	△		△	△
	U6-8006-L	-	12.7	4.3	4	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
VBMT	110202-FP	2(1.5)0-FP	11	6.35	2.38	2.8	0.2										△	△	△	△	△		△
	110204-FP	2(1.5)1-FP	11	6.35	2.38	2.8	0.4										△	△	△	△	△		△
	110208-FP	2(1.5)2-FP	16.5	6.35	2.38	2.8	0.8										△	△	△	△	△		△





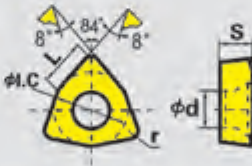
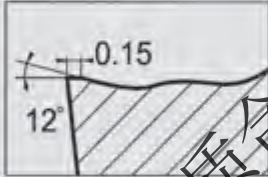


Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
VBMT	160404	331	16.6	9.525	4.76	4.4	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
VBGW	160404	331	16.6	9.525	4.76	4.4	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	160408	332	16.6	9.525	4.76	4.4	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
VBMT	160404-MP	331-MP	16.6	9.525	4.76	4.4	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	160408-MP	332-MP	16.6	9.525	4.76	4.4	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	160412-MP	333-MP	16.6	9.525	4.76	4.4	1.2	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010P
VBMT	160408-WM	332-WM	16.6	9.525	4.76	4.4	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

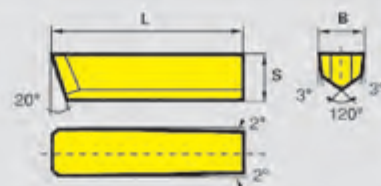
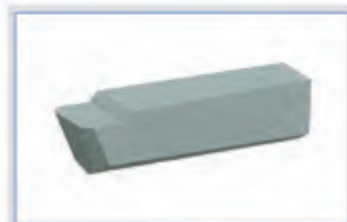
Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
WCMX	030208	1.8(1.5)2	3.8	5.56	2.38	2.8	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	040202	2(1.5)0	4.3	6.35	2.38	2.8	0.2			▲	▲	▲	▲		▲		△	△	△	△	△		△
	040208R	2(1.5)2	4.3	6.35	2.38	3.1	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	050308R		5.4	7.94	3.18	3.2	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	06T308R	3(2.5)2R	6.5	9.525	3.97	3.7	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△
	080412R	433R	8.7	12.7	4.76	4.3	1.2	▲	▲				▲	▲		△					△		△
	080412T	433T	8.7	12.7	4.76	4.3	1.2	▲	▲				▲	▲		△				△		△	
	06T308T	3(2.5)2T	6.5	9.525	3.97	3.7	0.8			▲	▲	▲	▲		▲		△	△	△	△	△		△

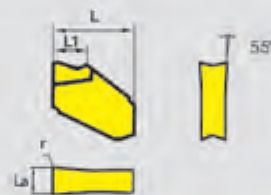
Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 涂层牌号											
(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
PD02381204	-	-	8	3.8	2.8	0.4			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
PD01381204	-	-	10	3.8	3.8	0.4			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
PD01481204	-	-	12	4.8	4.8	0.4			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
PD2531204	-	-	15	5.3	4.8	0.4			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△
PD3601208	-	-	17.6	6	5.8	0.8			▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△

Type型号		Dimension(mm)基本尺寸				Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	(ISO)	(inch)	ΦI.C	S	Φd	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
RCGT	1204MO	-	12	4.76	4.4			▲	▲	▲	▲	▲	▲		△	△	△	△	△		△
	1206MO	-	19.05	6.35	6.5	▲	▲											△			
RCMT	0803MO	-	8	3.18	3.4			▲	▲	▲	▲	▲	▲		△	△	△	△	△		△
	1204MO	-	12	4.76	4.4			▲	▲	▲	▲	▲	▲		△	△	△	△	△		△
	1606MO	-	16	6.35	5.5	▲	▲				▲	▲						△			△
	2507MO	-	25	7.94	7.7	▲	▲				▲	▲			△			△			△

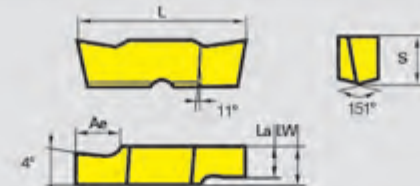
Type型号		Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)	L	ΦI.C	S	Φd	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
KNUX	160405R/L11	16	16.15	9.525	4.76	0.5				▲	▲	▲	▲	▲	▲		△	△	△	△	△		△
	160410R/L11	16	16.15	9.525	4.76	1		▲	▲				▲	▲		△				△		△	
	160415R/L11	16	16.15	9.525	4.76	1.5		▲	▲				▲	▲		△				△		△	
	160405R/L12	16	16.15	9.525	4.76	0.5		▲	▲				▲	▲		△				△		△	
	160410R/L12	16	16.15	9.525	4.76	1		▲	▲				▲	▲		△				△		△	
	160415R/L12	16	16.15	9.525	4.76	1.5		▲	▲				▲	▲		△				△		△	



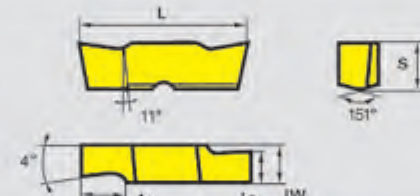
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	B	S	L		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410
Q3	3.5	3	12								ST2035	ST2020
Q4	4.5	4	12								ST2010	ST3025
Q4A	4.5	4	15								ST3030	YW2
Q5	5.5	5	14								ST3015	ST1010F
Q5A	5.5	5	18									
Q6	6.5	6	14									
Q8	8.7	7	22									



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	L1	La	r	L	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410
ZQMX3N11-1E	4.4	3.125	0.3	11							ST2035	ST2020
ZQMX4N11-1E	4.95	4.125	0.3	11							ST2010	ST3025
ZQMX5N11-1E	5.0	5.125	0.3	11							ST3030	YW2
ZQMX6N11-1E	5.28	6.4	0.3	11							ST3015	ST1010F
ZQMX7N11-1E	4.53	7.05	0.3	11								



Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	L	LW	S	Ae	La	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410
ZSMF3110R	16	3.1	5.26	2.1	1.10							ST2035	ST2020
ZSMF3130R	16	3.1	5.26	2.3	1.30							ST2010	ST3025
ZSMF3160R	16	3.1	5.26	2.6	1.60							ST3030	YW2
ZSMF3185R	16	3.1	5.26	2.9	1.85							ST3015	ST1010F
ZSMF3215R	16	3.1	5.26	3.2	2.15								
ZSMF3265R	16	3.1	5.26	3.7	2.65								
ZSMF3300R	16	3.1	5.26	4.0	3.00								
ZSMF5315R	22	5.1	6.26	4.2	3.15								
ZSMF5415R	22	5.1	6.25	6.0	4.15								
ZSMF5500R	22	5.1	6.26	6.0	5.00								
ZSMF8515R	27	8.1	7.26	6.2	5.15								



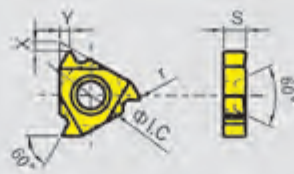
Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	L	LW	S	Ae	La	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410
ZSMF3110L	16	3.1	5.26	2.1	1.10							ST2035	ST2020
ZSMF3130L	16	3.1	5.26	2.3	1.30							ST2010	ST3025
ZSMF3160L	16	3.1	5.26	2.6	1.60							ST3030	YW2
ZSMF3185L	16	3.1	5.26	2.9	1.85							ST3015	ST1010F
ZSMF3215L	16	3.1	5.26	3.2	2.15								
ZSMF3265L	16	3.1	5.26	3.7	2.65								
ZSMF3300L	16	3.1	5.26	4.0	3.00								
ZSMF5315L	22	5.1	6.26	4.2	3.15								
ZSMF5415L	22	5.1	6.25	6.0	4.15								
ZSMF5500L	22	5.1	6.26	6.0	5.00								
ZSMF8515L	27	8.1	7.26	6.2	5.15								

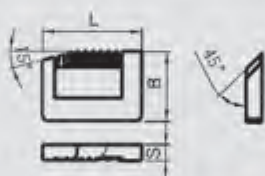
Type型号	Dimension(mm)基本尺寸								Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	L	L ₁	L ₂	B	B ₁	S	S ₁	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
MGMN200-G	16	9	14.5	2	1.6	3.5	4.1	0.3	▲	▲			▲	▲	▲	▲	△	△				△		△
MGMN300-G	21	10.5	19	3	2.35	4.8	5.7	0.4	▲	▲			▲	▲	▲	▲	△	△				△		△
MGMN400-G	21	10.5	19	4	1.6	4.8	5.9	0.5	▲	▲			▲	▲	▲	▲	△	△				△		△

Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	L	L ₁	B	B ₁	S	S ₁	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
QCD152555	15	3.58	2.57	4.5	5.3	5.5	▲	▲			▲	▲	▲	▲	△	△				△		△

Type型号				Coated Grade 涂层牌号										Uncoated Grade 非涂层牌号					
Dimension(mm)基本尺寸				ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	B	S	L																
L6	6	4.5	20									▲	▲			▲	▲	▲	▲
L8	8	6	24									▲	▲			▲	▲	▲	▲

Type型号		螺距	Dimension(mm)基本尺寸					Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
			ϕI.C	S	X	Y	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
外 螺 纹 刀 片	16ER/L0.75ISO	0.75	9.525	3.5	0.8	0.8	0.11																
	16ER/L1.00ISO	1.00	9.525	3.5	0.8	0.8	0.14																
	16ER/L1.25ISO	1.25	9.525	3.5	0.8	0.8	0.18																
	16ER/L1.50ISO	1.50	9.525	3.5	0.8	0.8	0.22																
	16ER/L1.75ISO	1.75	9.525	3.5	1.2	1.5	1.25																
	16ER/L2.00ISO	2.00	9.525	3.5	1.2	1.5	1.29																
	16ER/L2.50ISO	2.50	9.525	3.5	1.2	1.5	1.36																
	16ER/L3.00ISO	3.00	9.525	3.5	1.2	1.5	1.43																
	22ER/L3.50ISO	3.50	12.7	4.6	1.8	2.5	0.5																
	22ER/L4.00ISO	4.00	12.7	4.6	1.8	2.5	0.58																
	22ER/L4.50ISO	4.50	12.7	4.6	1.8	2.5	0.65																
	22ER/L5.00ISO	5.00	12.7	4.6	1.8	2.5	0.76																

																						
Type型号	螺距	Dimension(mm)基本尺寸					Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
内 螺 纹 刀 片		ΦI.C	S	X	Y	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	16NR/L0.75ISO	0.75	9.525	3.5	0.8	0.8	0.05								△	△			△		△	
	16NR/L1.00ISO	1.00	9.525	3.5	0.8	0.8	0.07								△	△			△		△	
	16NR/L1.25ISO	1.25	9.525	3.5	0.8	0.8	0.09								△	△			△		△	
	16NR/L1.50ISO	1.50	9.525	3.5	0.8	0.8	0.11								△	△			△		△	
	16NR/L1.75ISO	1.75	9.525	3.5	1.2	1.5	0.13								△	△			△		△	
	16NR/L2.00ISO	2.00	9.525	3.5	1.2	1.5	0.14								△	△			△		△	
	16NR/L2.50ISO	2.50	9.525	3.5	1.2	1.5	0.18								△	△			△		△	
	16NR/L3.00ISO	3.00	9.525	3.5	1.2	1.5	0.22								△	△			△		△	
	22NR/3.50ISO	3.50	12.7	4.6	1.8	2.5	0.25								△	△			△		△	
	22NR/4.00ISO	4.00	12.7	4.6	2.0	2.5	0.29								△	△			△		△	
22NR/4.50ISO	4.50	12.7	4.6	2.1	2.5	0.32								△	△			△		△		
22NR/5.00ISO	5.00	12.7	4.6	2.8	2.5	0.36								△	△			△		△		

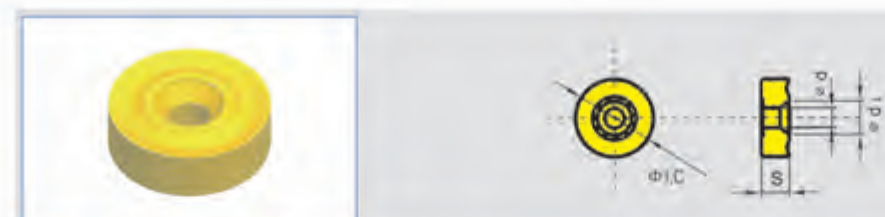
																			
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	L	B	S	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
C-26419	25.5	18.0	4.05																

																						
Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	L	B	S	S ₁	d	d ₁	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
C/28681	19.9	12.6	5	2.5	5.7	6.8																

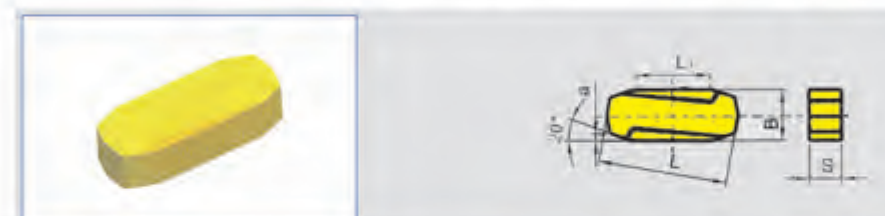
																						
Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	$\phi I.C$	S	r	R	L_1	L_2	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
009241N2-R25	15.875	4.76	12	25	0.6	2.5	▲		▲				▲		△				△		△	

																				
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	$\phi I.C$	S	R	a	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
HNMX141020-85°	21.6	10	2	3.6	▲		▲				▲		△				△		△	

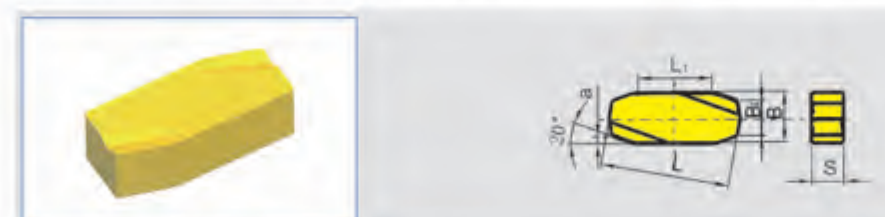
																				
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	$\phi I.C$	S	R		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
HNGX241330-85°	31.75	13.1	3		▲		▲				▲		△				△		△	



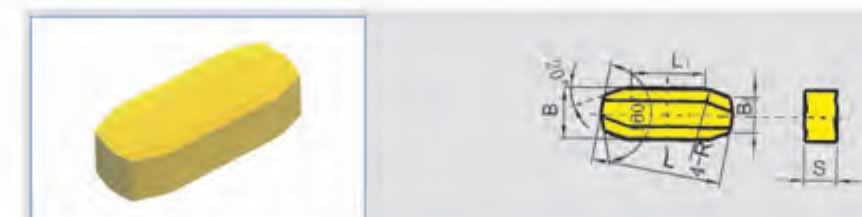
Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
RNGH5018MO	Φ1, C S Φd Φd _i	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	△ △ △ △ △ △ △ △ △ △ △ △



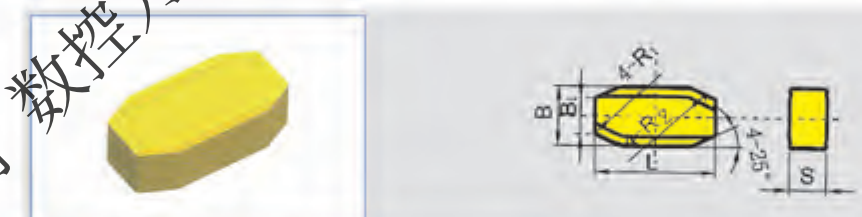
Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
LPUC121517	B L S L _i a	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
LPUC182020	18,0 37,0 12,0 20,0 2,0	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
LPUC182027	18,0 43,0 12,0 27,0 2,0	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
LPUC183020	18,0 43,0 12,0 20,0 3,0	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
LPUC183027	18,0 47,0 12,0 27,0 3,0	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △



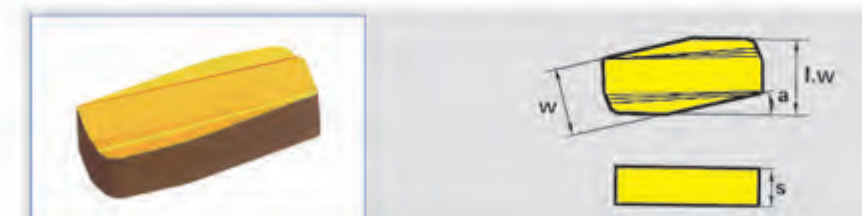
Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
LNUC121517	B L S L _i a	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
LNUC182020	18,0 37,0 12,0 20,0 2,0	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
LNUC182027	18,0 43,0 12,0 27,0 2,0	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
LNUC183020	18,0 43,0 12,0 20,0 3,0	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △



Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
LNGF3008F	B L S L _i B _i R	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △



Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
LNGF4012	B L S B _i R ₁ R ₂	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △



Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
YNMX1812L	L W S a	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
YNMX2518173L	25 25 18 7°	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △
YNUX1812150L	18 18 12 15°	▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲	△ △ △ △ △ △ △ △ △ △ △ △ △ △ △

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

B L S L₁ L₂

XNGX20.171138R

17.5 38.3 12 27 16.2

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST1420

ST1410

ST2035

ST2020

ST2010

ST3025

ST3030

YW2

ST3015

ST1010F

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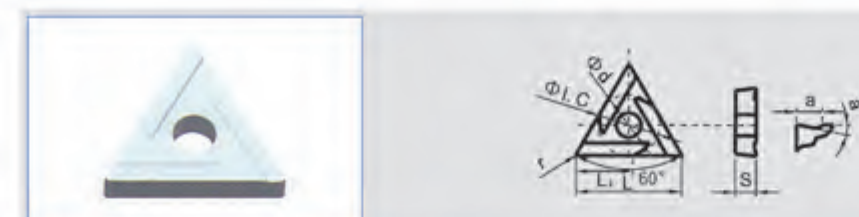
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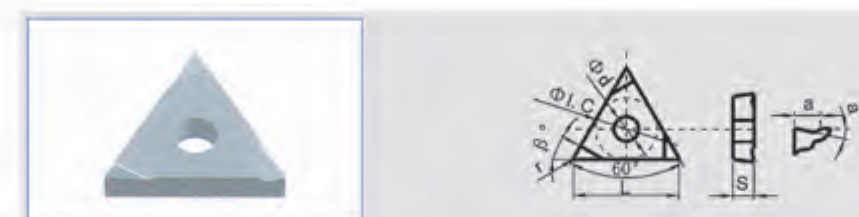
Type型号	Dimension(mm)基本尺寸								Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	B	L	L ₁	S	S ₁	d	R					
L40.2X25.4X9.6-2Φ9.1	25.4	40.2	20	9.6	10.6	9.1	3.2	▲	▲	▲	▲	△



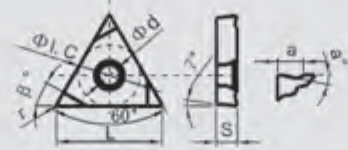
Type型号	Dimension(mm)基本尺寸								Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	B	L	L ₁	S	S ₁	d	d ₁					
刮焊刀	25.01	25	22	8	2.2	6.9	13.1	▲	▲	▲	▲	△



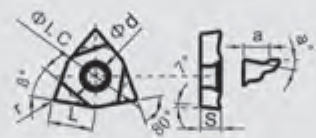
Type型号	Dimension(mm)基本尺寸										Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	a°	L ₁					
TNGG 110302R/L-A1.3	220R/L-A1.3	11	6.35	3.18	2.26	0.2	1.3	15°	3.2	▲	▲	▲	▲	△
110304R/L-A1.3	221R/L-A1.3	11	6.35	3.18	2.26	0.4	1.3	15°	3	▲	▲	▲	▲	△
110308R/L-A1.3	222R/L-A1.3	11	6.35	3.18	2.26	0.8	1.3	15°	2.7	▲	▲	▲	▲	△
160304R/L-A2.3	321R/L-A2.3	16.5	9.525	3.18	3.81	0.4	2.3	15°	5.4	▲	▲	▲	▲	△
160308R/L-A2.3	322R/L-A2.3	16.5	9.525	3.18	3.81	0.8	2.3	15°	5.1	▲	▲	▲	▲	△
160402R/L-A2.3	330R/L-A2.3	16.5	9.525	4.76	3.81	0.2	2.3	15°	8.7	▲	▲	▲	▲	△
160404R/L-A2.3	331R/L-A2.3	16.5	9.525	4.76	3.81	0.4	2.3	15°	5.4	▲	▲	▲	▲	△
160408R/L-A2.3	332R/L-A2.3	16.5	9.525	4.76	3.81	0.8	2.3	15°	5.1	▲	▲	▲	▲	△
160412R/L-A2.3	333R/L-A2.3	16.5	9.525	4.76	3.81	1.2	2.3	15°	4.8	▲	▲	▲	▲	△
220404R/L-A2.8	431R/L-A2.8	22	12.7	4.76	5.16	0.4	2.8	15°	9.4	▲	▲	▲	▲	△
220408R/L-A2.8	432R/L-A2.8	22	12.7	4.76	5.16	0.8	2.8	15°	9.1	▲	▲	▲	▲	△
220412R/L-A2.8	433R/L-A2.8	22	12.7	4.76	5.16	1.2	2.8	15°	8.8	▲	▲	▲	▲	△



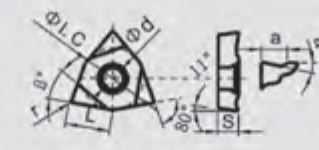
Type型号	Dimension(mm)基本尺寸										Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	a°	β°					
TNGG 160402R/L-F1.3	330R/L-F1.3	16.5	9.525	4.76	3.81	0.2	1.3	15°	30°	▲	▲	▲	▲	△
160404R/L-F1.3	331R/L-F1.3	16.5	9.525	4.76	3.81	0.4	1.3	15°	30°	▲	▲	▲	▲	△
160408R/L-F1.3	332R/L-F1.3	16.5	9.525	4.76	3.81	0.8	1.3	15°	30°	▲	▲	▲	▲	△
160402R/L-F2.5	330R/L-F2.5	16.5	9.525	4.76	3.81	0.2	2.5	15°	30°	▲	▲	▲	▲	△
160404R/L-F2.5	331R/L-F2.5	16.5	9.525	4.76	3.81	0.4	2.5	15°	30°	▲	▲	▲	▲	△
160408R/L-F2.5	332R/L-F2.5	16.5	9.525	4.76	3.81	0.8	2.5	15°	30°	▲	▲	▲	▲	△



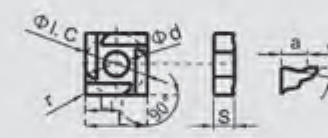
Type型号		Dimension(mm)基本尺寸								Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	α°	β°		
TCGT 080202R/L-F1.3	1.5(1.5)0R/L-F1.3	8.24	4.76	2.38	2.2	0.2	1.3	10°	20°	ST2135	ST2230
080204R/L-F1.3	1.5(1.5)1R/L-F1.3	8.24	4.76	2.38	2.2	0.4	1.3	10°	20°	ST2415	ST2410
090202R/L-F1.6	1.8(1.5)0R/L-F1.6	9.6	5.56	2.38	2.5	0.2	1.6	10°	20°	ST3420	ST3430
090204R/L-F1.6	1.8(1.5)1R/L-F1.6	9.6	5.56	2.38	2.5	0.4	1.6	10°	20°	ST3420	ST3430
090208R/L-F1.8	1.8(1.5)2R/L-F1.6	9.6	5.56	2.38	2.5	0.8	1.6	10°	20°	ST3420	ST3430
110302R/L-F1.8	220R/L-F1.8	11	6.35	3.18	2.26	0.2	1.8	10°	20°	ST2035	ST2020
110304R/L-F1.8	221R/L-F1.8	11	6.35	3.18	2.26	0.4	1.8	10°	20°	ST2035	ST2020
110308R/L-F1.8	222R/L-F1.8	11	6.35	3.18	2.26	0.8	1.8	10°	20°	ST2035	ST2020



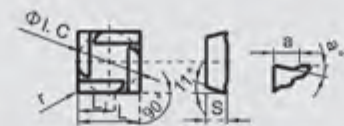
Type型号		Dimension(mm)基本尺寸								Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	α°	β°		
WCGT 020102R/L-F1.0		3.25	4.76	1.59	2.2	0.2	1	15°	30°	ST2135	ST2230
020104R/L-F1.0		3.25	4.76	1.59	2.2	0.4	1	15°	30°	ST2415	ST2410



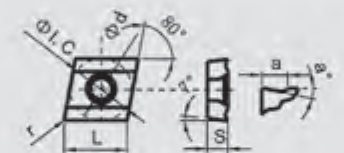
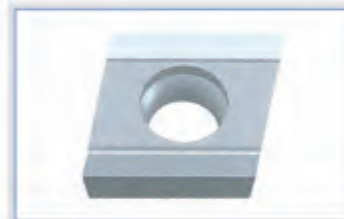
Type型号		Dimension(mm)基本尺寸								Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	α°	β°		
WPGT 040203R/L-F1.0	2(1.5)0R/L-F1.0	4.34	6.35	2.38	2.5	0.2	1	15°	20°	ST2135	ST2230
040204R/L-F1.1	2(1.5)1R/L-F1.1	4.34	6.35	2.38	2.5	0.4	1	15°	20°	ST2415	ST2410
060304R/L-F1.0	321R/L-F1.0	6.25	9.525	3.18	4.4	0.4	1	15°	20°	ST3420	ST3430
060308R/L-F1.0	322R/L-F1.0	6.25	9.525	3.18	4.4	0.8	1	15°	20°	ST3420	ST3430



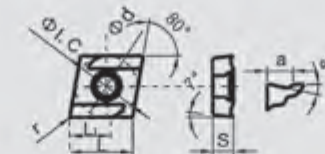
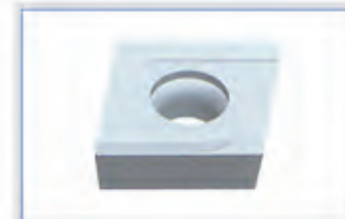
Type型号		Dimension(mm)基本尺寸								Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	α°	β°		
SNGG 090304R/L-A1.8	321R/L-A1.8	9.525	9.525	3.18	3.81	0.4	1.8	15°	1.6	ST2135	ST2230
090308R/L-A1.8	322R/L-A1.8	9.525	9.525	3.18	3.81	0.8	1.8	15°	1.6	ST2415	ST2410
120404R/L-A2.3	431R/L-A2.3	12.7	12.7	4.76	5.16	0.4	2.3	15°	3.7	ST3420	ST3430
120408R/L-A2.3	432R/L-A2.3	12.7	12.7	4.76	5.16	0.8	2.3	15°	3.7	ST3420	ST3430



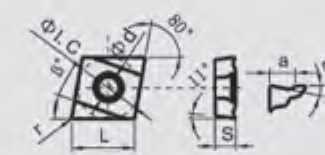
Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO) (inch)	L ΦI.C S r a a° L ₁	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	
SPGR 090304R/L-A1.8 321R/L-R1.8	9.525 9.525 3.18 0.4 1.8 15° 1.6	▲▲▲▲▲▲▲▲	△△△△△△△



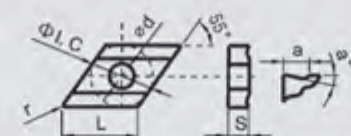
Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO) (inch)	L ΦI.C S Φd r a a°	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	
CCET 060200R/L-H1.0	6.4 6.35 2.38 2.8 0 1 20°	▲▲▲▲▲	△△△△△
060201R/L-H1.0	6.4 6.35 2.38 2.8 0.1 1 20°	▲▲▲▲▲	△△△△△
060202R/L-H1.0 2(1.5)0R/L-H1.0	6.4 6.35 2.38 2.8 0.2 1 20°	▲▲▲▲▲	△△△△△
060204R/L-H1.0 2(1.5)1R/L-H1.0	6.4 6.35 2.38 2.8 0.4 1 20°	▲▲▲▲▲	△△△△△
09T300R/L-H1.5	9.7 9.525 3.97 4.4 0 1.5 20°	▲▲▲▲▲	△△△△△
09T301R/L-H1.5	9.7 9.525 3.97 4.4 0.1 1.5 20°	▲▲▲▲▲	△△△△△
09T302R/L-H1.5 3(2.5)0R/L-H1.5	9.7 9.525 3.97 4.4 0.2 1.5 20°	▲▲▲▲▲	△△△△△
09T304R/L-H1.5 3(2.5)1R/L-H1.5	9.7 9.525 3.97 4.4 0.4 1.5 20°	▲▲▲▲▲	△△△△△



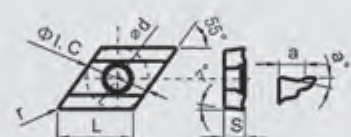
Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO) (inch)	L ΦI.C S Φd r a a° L ₁	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	
CCGT 060200R/L-A1.0	6.4 6.35 2.38 2.8 0 1 20° 3	▲▲▲▲▲	△△△△△
060201R/L-A1.0	6.4 6.35 2.38 2.8 0.1 1 20° 3	▲▲▲▲▲	△△△△△
060202R/L-A1.0 2(1.5)0R/L-A1.0	6.4 6.35 2.38 2.8 0.2 1 20° 3	▲▲▲▲▲	△△△△△
060204R/L-A1.0 2(1.5)1R/L-A1.0	6.4 6.35 2.38 2.8 0.4 1 20° 3	▲▲▲▲▲	△△△△△
09T300R/L-A1.5	9.7 9.525 3.97 4.4 0 1.5 20° 3	▲▲▲▲▲	△△△△△
09T301R/L-A1.5	9.7 9.525 3.97 4.4 0.1 1.5 20° 3	▲▲▲▲▲	△△△△△
09T302R/L-A1.5 3(2.5)0R/L-A1.5	9.7 9.525 3.97 4.4 0.2 1.5 20° 3	▲▲▲▲▲	△△△△△
09T304R/L-A1.5 3(2.5)1R/L-A1.5	9.7 9.525 3.97 4.4 0.4 1.5 20° 3	▲▲▲▲▲	△△△△△



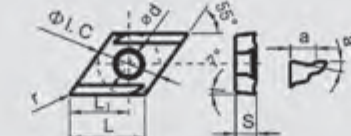
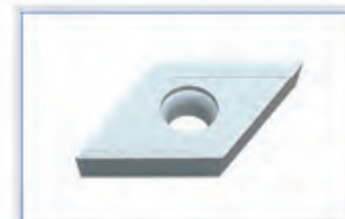
Type型号	Dimension(mm)基本尺寸	Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO) (inch)	L ΦI.C S Φd r a a° β°	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410 ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F	
CPGT 080204R/L-F0.6	8.1 7.93 2.38 3.4 0.4 0.6 15° 20°	▲▲▲▲▲	△△△△△
090302R/L-F0.8 320R/L-F0.8	9.7 9.525 3.18 4.4 0.2 0.8 15° 20°	▲▲▲▲▲	△△△△△
090304R/L-F0.8 321R/L-F0.8	9.7 9.525 3.18 4.4 0.4 0.8 15° 20°	▲▲▲▲▲	△△△△△



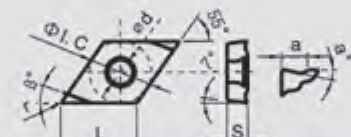
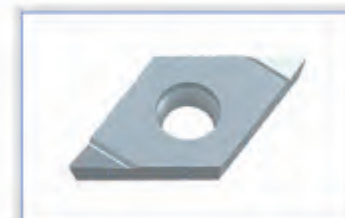
Type型号			Dimension(mm)基本尺寸							Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号														
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	a°	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
DNGG	150404R/L-H2.8	431R/L-H2.8	15.5	12.7	4.76	5.16	0.4	2.8	15°			▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	150408R/L-H2.8	432R/L-H2.8	15.5	12.7	4.76	5.16	0.8	2.8	15°			▲	▲	▲	▲		▲		△	△	△	△	△	△		△



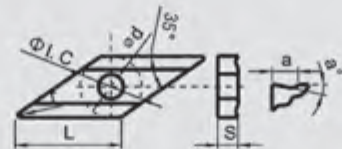
Type型号		Dimension(mm)基本尺寸								Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号												
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	a°	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3015	ST1010F	
DCGT	070200R/L-H1.0		7.75	6.35	2.38	2.8	0	1	20°															
	070201R/L-H1.0		7.75	6.35	2.38	2.8	0.1	1	20°															
	070202R/L-H1.0	2(1.5)0R/L-H1.0	7.75	6.35	2.38	2.8	0.2	1	20°															
	11T300R/L-H1.5		11.6	9.525	3.97	4.4	0	1.5	20°															
	11T301R/L-H1.5		11.6	9.525	3.97	4.4	0.1	1.5	20°															
	11T302R/L-H1.5	3(2.5)0R/L-H1.5	11.6	9.525	3.97	4.4	0.2	1.5	20°															



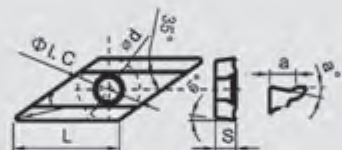
Type型号		Dimension(mm)基本尺寸									Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	a°	L ₁	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST3010F	
DCGT	070200R/L-A1.0		7.75	6.35	2.38	2.8	0	1	20°	3.5		▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	070201R/L-A1.0		7.75	6.35	2.38	2.8	0.1	1	20°	3.5		▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	070202R/L-A1.0	2(1.5)0R/L-A1.0	7.75	6.35	2.38	2.8	0.2	1	20°	3.5		▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	11T300R/L-A1.5		11.6	9.525	3.97	4.4	0	1.5	20°	6.5		▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	11T301R/L-A1.5		11.6	9.525	3.97	4.4	0.1	1.5	20°	6.5		▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	11T302R/L-A1.5	3(2.5)0R/L-A1.5	11.6	9.525	3.97	4.4	0.2	1.5	20°	6.5		▲	▲	▲	▲		▲		△	△	△	△	△	△		△



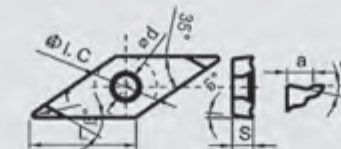
Type型号		Dimension(mm)基本尺寸									Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	a°	β°	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
DCGT	070202R/L-F1.0	2(1.5)0R/L-F1.0	7.75	6.35	2.38	2.8	0.2	1	17°	20°	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	070204R/L-F1.0	2(1.5)1R/L-F1.0	7.75	6.35	2.38	2.8	0.4	1	17°	20°	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	11T302R/L-F1.0	3(2.5)0R/L-F1.0	11.6	9.525	3.97	4.4	0.2	1	17°	20°	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
	11T304R/L-F1.0	3(2.5)1R/L-F1.0	11.6	9.525	3.97	4.4	0.4	1	17°	20°	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△



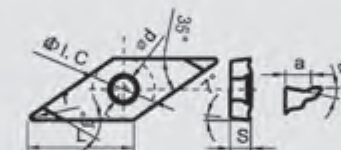
Type型号			Dimension(mm)基本尺寸							Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号														
	(ISO)	(inch)	L	ΦI,C	S	Φd	r	a	α°	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST10MF	
VNGG	160404R/L-H1.8	331R/L-H1.8	16.6	9.525	4.76	4.4	0.4	1.8	15°			▲	▲	▲	▲		▲		△	△	△	△	△	△		△
	160408R/L-H1.8	332R/L-H1.8	16.6	9.525	4.76	4.4	0.8	1.8	15°			▲	▲	▲	▲		▲		△	△	△	△	△	△		△



Type型号			Dimension(mm)基本尺寸							Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	α°	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST3010	ST3005	YW2	ST3015	ST1015F	
VBGT	110300R/L-H1.0		11.6	6.35	3.18	2.8	0	1	20°		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	110301R/L-H1.0		11.6	6.35	3.18	2.8	0.1	1	20°	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	110302R/L-H1.0	220R/L-H1.0	11.6	6.35	3.18	2.8	0.2	1	20°	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	110304R/L-H1.0	221R/L-H1.0	11.6	6.35	3.18	2.8	0.4	1	20°	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲



Type型号		Dimension(mm)基本尺寸							Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	α° β°		
VBGT	110308R/L-F1.0	220R/L-F1.0	11.6	6.35	3.18	2.8	0.2	1 13° 20°	ST2135	ST2230
	110309R/L-F1.0	221R/L-F1.0	11.6	6.35	3.18	2.8	0.4	1 13° 20°	ST2415	ST2410
	160402R/L-F1.5	330R/L-F1.0	16.6	9.525	4.76	4.4	0.2	1.5 13° 20°	ST3420	ST3430
	160404R/L-F1.5	331R/L-F1.0	16.6	9.525	4.76	4.4	0.4	1.5 13° 20°	ST1420	ST1410



Type型号		Dimension(mm)基本尺寸							Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
(ISO)	(inch)	L	ΦI.C	S	Φd	r	a	α° β°		
VCGT	110302R/L-F1.0	220R/L-F1.0	11.6	6.35	3.18	2.8	0.2	1 13° 20°	ST2135	ST2230
	110304R/L-F1.0	221R/L-F1.0	11.6	6.35	3.18	2.8	0.4	1 13° 20°	ST2415	ST2410
	160402R/L-F1.5	330R/L-F1.5	16.6	9.525	4.76	4.4	0.2	1.5 13° 20°	ST3420	ST3430
	160404R/L-F1.5	331R/L-F1.5	16.6	9.525	4.76	4.4	0.4	1.5 13° 20°	ST1420	ST1410

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015	ST1010F
TCGX	110204-LH	2(1.5)1-LH	11	6.35	2.38	2.8	0.4		△	▲
	110304-LH	221-LH	11	6.35	3.18	2.8	0.4		△	▲
	16T304-LH	3(2.5)1-LH	16.5	9.525	3.97	4.4	0.4		△	▲
	16T308-LH	3(2.5)2-LH	16.5	9.525	3.97	4.4	0.8		△	▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
TCGT	110204-LH	2(1.5)1-LH	11	6.35	2.38	2.8	0.4		
	110304-LH	221-LH	11	6.35	3.18	2.8	0.4		
	16T304-LH	3(2.5)1-LH	16.5	9.525	3.97	4.4	0.4		
	16T308-LH	3(2.5)2-LH	16.5	9.525	3.97	4.4	0.8		

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F		
SCGX	120408-LH	432-LH	12.7	12.7	4.76	5.5	0.8			△	▲

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Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ΦI.C

S

Φd

r

SCGT

120408-LH

432-LH

12.7

12.7

4.76

5.5

0.8

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST1420

ST1410

ST2035

ST2020

ST2010

ST3025

ST3030

YW2

ST3015

ST1010F

△

▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	(ISO)	(inch)	L	$\Phi I.C$	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F		
CCGX	060204-LH	2(1.5)1-LH	6.4	6.35	2.38	2.8	0.4		△		▲
	09T304-LH	3(2.5)1-LH	9.7	9.525	3.97	4.4	0.4		△		▲
	09T308-LH	3(2.5)2-LH	9.7	9.525	3.97	4.4	0.8		△		▲
	120404-LH	431-LH	12.9	12.7	4.76	5.5	0.4		△		▲
	120408-LH	432-LH	12.9	12.7	4.76	5.5	0.8		△		▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CCGT	060204-LH	2(1.5)1-LH	6.4	6.35	2.38	2.8	0.4									△							▲
	09T304-LH	3(2.5)1-LH	9.7	9.525	3.97	4.4	0.4									△							▲
	09T308-LH	3(2.5)2-LH	9.7	9.525	3.97	4.4	0.8									△							▲
	120404-LH	431-LH	12.9	12.7	4.76	5.5	0.4									△							▲
	120408-LH	432-LH	12.9	12.7	4.76	5.5	0.8									△							▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
DCGX	070204-LH	2(1.5)1-LH	7.7	6.35	2.38	2.8	0.4																
	11T302-LH	3(2.5)0-LH	11.6	9.525	3.97	4.4	0.2																
	11T304-LH	3(2.5)1-LH	11.6	9.525	3.97	4.4	0.4																
	11T308-LH	3(2.5)2-LH	11.6	9.525	3.97	4.4	0.8																

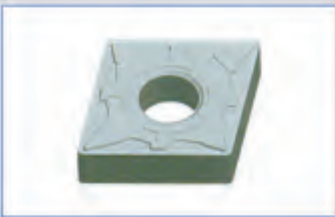
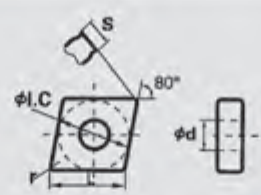
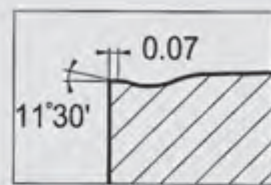
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Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
DCGT	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
	070204-LH	2(1.5)1-LH	7.7	6.35	2.38	2.8	0.4									△							▲
	11T302-LH	3(2.5)0-LH	11.6	9.525	3.97	4.4	0.2								△								▲
	11T304-LH	3(2.5)1-LH	11.6	9.525	3.97	4.4	0.4								△								▲
	11T308-LH	3(2.5)2-LH	11.6	9.525	3.97	4.4	0.8								△								▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
VCGX	110204-LH	2(1.5)1-LH	11	6.35	2.38	2.8	0.4									△							▲
	160404-LH	331-LH	16.6	9.525	4.76	4.4	0.4									△							▲
	160408-LH	332-LH	16.6	9.525	4.76	4.4	0.8									△							▲
	160412-LH	333-LH	16.6	9.525	4.76	4.4	1.2									△							▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
VCGT	110204-LH	2(1.5)1-LH	11	6.35	2.38	2.8	0.4									△							▲
	160404-LH	331-LH	16.6	9.525	4.76	4.4	0.4									△							▲
	160408-LH	332-LH	16.6	9.525	4.76	4.4	0.8									△							▲
	160412-LH	333-LH	16.6	9.525	4.76	4.4	1.2									△							▲

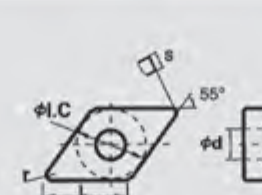
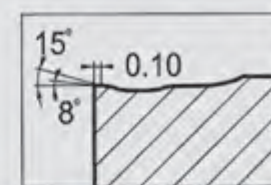
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SEKT	1204AFFN-LH-1		12.7	12.7	4.76	5.5									△								▲

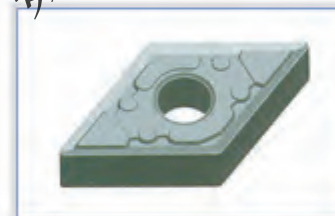
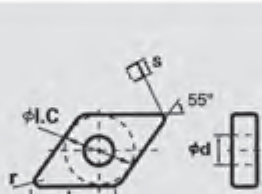
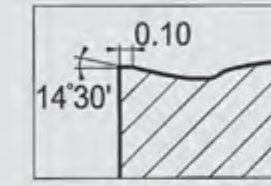
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
CNMG	090304-FB	321-FB	9.7	9.525	3.18	3.18	0.4		▲▲
	090308-FB	322-FB	9.7	9.525	3.18	3.18	0.8		▲▲
	120404-FB	431-FB	12.9	12.7	4.76	5.16	0.4		▲▲
	120408-FB	432-FB	12.9	12.7	4.76	5.16	0.8		▲▲
	120412-FB	433-FB	12.9	12.7	4.76	5.16	1.2		▲▲

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Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
CNMG	090304-MB	321-MB	9.7	9.525	3.18	3.81	0.4		△▲
	090308-MB	322-MB	9.7	9.525	3.18	3.81	0.8		△▲
	120404-MB	431-MB	12.9	12.7	4.76	5.16	0.4		△▲
	120408-MB	432-MB	12.9	12.7	4.76	5.16	0.8		△▲
	120412-MB	433-MB	12.9	12.7	4.76	5.16	1.2		△▲
	120416-MB	434-MB	12.9	12.7	4.76	5.16	1.6		△▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
DNMG	110404-FB	331-FB	11.6	9.525	4.76	3.81	0.4		▲▲
	150404-FB	431-FB	15.5	12.7	4.76	5.16	0.4		▲▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
DNMG	110404-MB	331-MB	11.6	9.525	4.76	3.81	0.4		△▲
	150404-MB	431-MB	15.5	12.7	4.76	5.16	0.4		△▲
	150408-MB	432-MB	15.5	12.7	4.76	5.16	0.8		△▲
	150604-MB	441-MB	15.5	12.7	6.35	5.16	0.4		△▲
	150608-MB	442-MB	15.5	12.7	6.35	5.16	0.8		△▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST3010F
SNMG	090304-MB	321-MB	9.525	9.525	3.18	3.81	0.4									△	▲						
	090308-MB	322-MB	9.525	9.525	3.18	3.81	0.8									△	▲						
	120404-MB	431-MB	12.7	12.7	4.76	5.16	0.4									△	▲						
	120412-MB	433-MB	12.7	12.7	4.76	5.16	1.2									△	▲						
	150608-MB	542-MB	15.875	15.875	6.35	6.35	0.8									△	▲						

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO) (inch)

TNMG

L ΦI.C S Φd r

ST2135
ST2230
ST2415
ST2410
ST3420
ST3430
ST3420
ST3410

ST2035
ST2020
ST2010
ST3025
ST3030
YW2
ST3015
ST3010F

Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

(ISO)

(inch)

L

ϕI.C

S

ϕd

r

ST2135

ST2230

ST2415

ST2410

ST3420

ST3430

ST1420

ST1410

ST2035

ST2020

ST2010

ST3025

ST3030

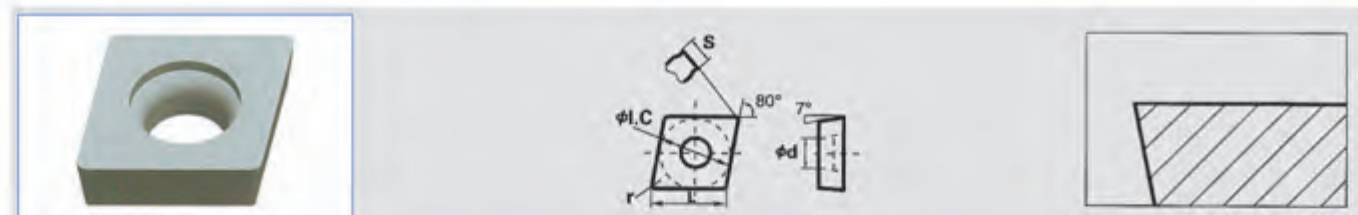
YW2

ST3015

ST3010F

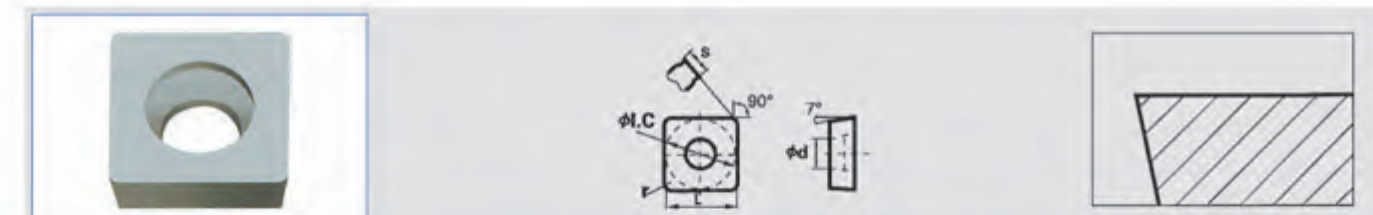
TNMG	160404-MB	331-MB	16.5	9.525	4.76	3.81	0.4										△	▲						
	160408-MB	332-MB	16.5	9.525	4.76	3.81	0.8										△	▲						
	120408-MB	432-MB	22	12.7	4.76	5.16	0.8										△	▲						
	120412-MB	433-MB	22	12.7	4.76	5.16	1.2										△	▲						

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	(ISO)	(inch)	L	ϕI.C	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST3410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST3010F
CCMT	060202-FP	2(1.5)0-FP	6.4	6.35	2.38	2.8	0.2									▲	△						
	060204-FP	2(1.5)1-FP	6.4	6.35	2.38	2.8	0.4									▲	△						
	060208-FP	2(1.5)2-FP	6.4	6.35	2.38	2.8	0.8									▲	△						
	09T302-FP	3(2.5)0-FP	9.7	9.525	3.97	4.4	0.2									▲	△						
	09T304-FP	3(2.5)1-FP	9.7	9.525	3.97	4.4	0.4									▲	△						
	09T308-FP	3(2.5)2-FP	9.7	9.525	3.97	4.4	0.8									▲	△						
	120404-FP	431-FP	12.9	12.7	4.76	5.5	0.4									▲	△						
																▲	△						



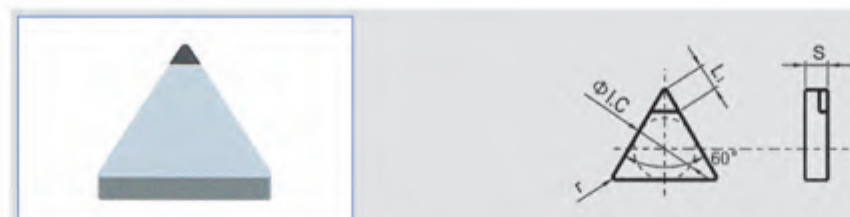
Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
CCMW	060204	2(1.5)1	6.4	6.35	2.38	2.8	0.4		△▲
	09T304	3(2.5)1	9.7	9.525	3.97	4.4	0.4		△▲
	09T308	3(2.5)2	9.7	9.525	3.97	4.4	0.8		△▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
DCMT	070202-FP	2(1.5)0-FP	7.8	6.35	2.38	2.8	0.2		
	070204-FP	2(1.5)1-FP	7.8	6.35	2.38	2.8	0.4		△
	070208-FP	2(1.5)2-FP	7.8	6.35	2.38	2.8	0.8		△
	11T302-FP	3(2.5)0-FP	11.6	9.525	3.97	4.4	0.2		△
	11T304-FP	3(2.5)1-FP	11.6	9.525	3.97	4.4	0.4		△
	11T308-FP	3(2.5)2-FP	11.6	9.525	3.97	4.4	0.8		△

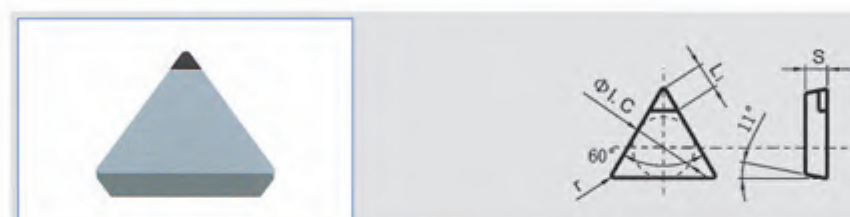


Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
SCMW	060204	2(1.5)1	6.35	6.35	2.38	2.8	0.4		△▲
	09T304	3(2.5)1	9.525	9.525	3.97	4.4	0.4		△▲
	09T308	3(2.5)2	9.525	9.525	3.97	4.4	0.8		△▲
	120408	432	12.7	12.7	4.76	5.5	0.8		△▲

Type型号			Dimension(mm)基本尺寸					Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	(ISO)	(inch)	L	ΦI.C	S	Φd	r	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
TCMT	090202-FP	1.8(1.5)0-FP	9.6	5.56	2.38	2.5	0.2		▲△
	090204-FP	1.8(1.5)1-FP	9.6	5.56	2.38	2.5	0.4		▲△
	090208-FP	1.8(1.5)2-FP	9.6	5.56	2.38	2.5	0.8		▲△
	16T304-FP	3(2.5)1-FP	16.5	9.525	3.97	4.4	0.4		▲△
	16T308-FP	3(2.5)2-FP	16.5	9.525	3.97	4.4	0.8		▲△



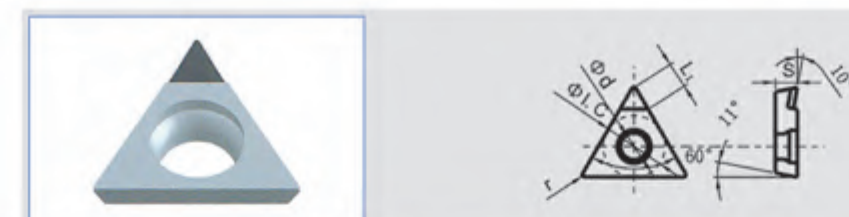
Type型号			Dimension(mm)基本尺寸			
	(ISO)	(inch)	ΦI.C	S	L ₁	r
TNGN	160404E/S	331E/S	9.525	4.76	3.0	0.4
	160408E/S	332E/S	9.525	4.76	3.0	0.8
	160412E/S	333E/S	9.525	4.76	3.0	1.2



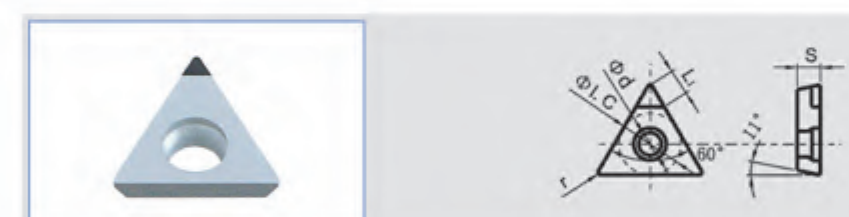
Type型号			Dimension(mm)基本尺寸			
	(ISO)	(inch)	ΦI.C	S	L ₁	r
TPGN	090202E/S	1.8(1.5)0E/S	5.56	2.38	2.0	0.2
	090204E/S	1.8(1.5)1E/S	5.56	2.38	2.0	0.4
	110302E/S	220E/S	6.35	3.18	3.0	0.2
	110304E/S	221E/S	6.35	3.18	3.0	0.4
	110308E/S	222E/S	6.35	3.18	3.0	0.8
	160302E/S	320E/S	9.525	3.18	3.0	0.4
	160304E/S	321E/S	9.525	3.18	3.0	0.8

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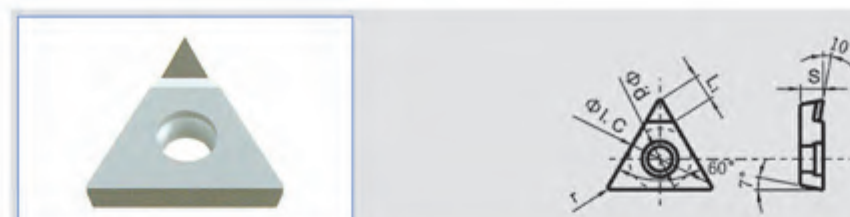
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
TNGA	160404E/S	331E/S	9.525	4.76	3.81	3.0	0.4
	160408E/S	332E/S	9.525	4.76	3.81	3.0	0.8
	160412E/S	333E/S	9.525	4.76	3.81	3.0	1.2



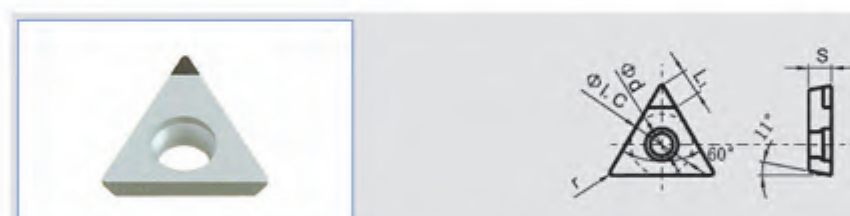
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
TPMH	090202E/S	1.8(1.5)0E/S	5.56	2.38	3.0	2.0	0.1
	090204E/S	1.8(1.5)1E/S	5.56	2.38	3.0	2.0	0.2
	110301E/S	220E/S	5.56	2.38	3.0	2.0	0.4
	110302E/S	220E/S	6.35	3.18	3.5	3.0	0.1
	110302E/S	220E/S	6.35	3.18	3.5	3.0	0.2
	160302E/S	320E/S	9.525	3.18	4.5	3.0	0.2
	160304E/S	321E/S	9.525	3.18	4.5	3.0	0.4



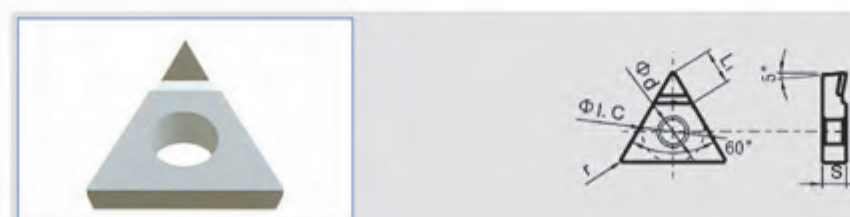
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
TPGB	110302E/S	220E/S	6.35	3.18	3.5	3.0	0.2
	110304E/S	221E/S	6.35	3.18	3.5	3.0	0.4
	110308E/S	222E/S	6.35	3.18	3.5	3.0	0.8
	160304E/S	321E/S	9.525	3.18	4.5	3.0	0.4
	160308E/S	322E/S	9.525	3.18	4.5	3.0	0.8



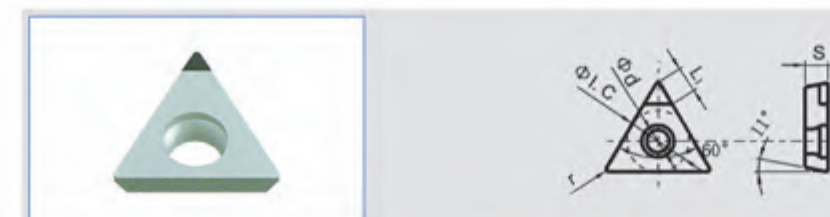
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
TCMT	080201E/S	1.5(1.5)0E/S	4.76	2.38	2.3	2.0	0.1
	080202E/S		4.76	2.38	2.3	2.0	0.2
	110301E/S		6.35	3.18	2.8	3.0	0.1
	110302E/S	220E/S	6.35	3.18	2.8	3.0	0.2
	110304E/S	221E/S	6.35	3.18	2.8	3.0	0.4



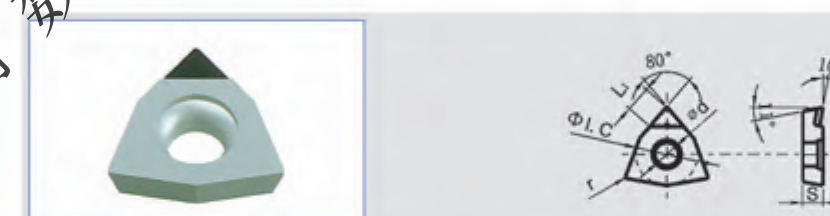
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
TCGW	110302E/S	220E/S	6.35	3.18	2.8	3.0	0.2
	110304E/S	221E/S	6.35	3.18	2.8	3.0	0.4



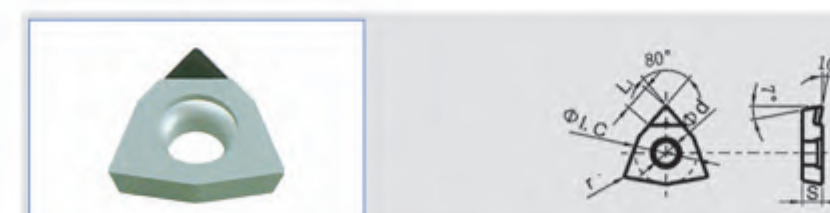
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
TNMM	160402	330	9.525	4.76	3.81	3.8	0.2
	160404	331	9.525	4.76	3.81	3.7	0.4
	160408	332	9.525	4.76	3.81	3.4	0.8
	160412	333	9.525	4.76	3.81	3.1	1.2



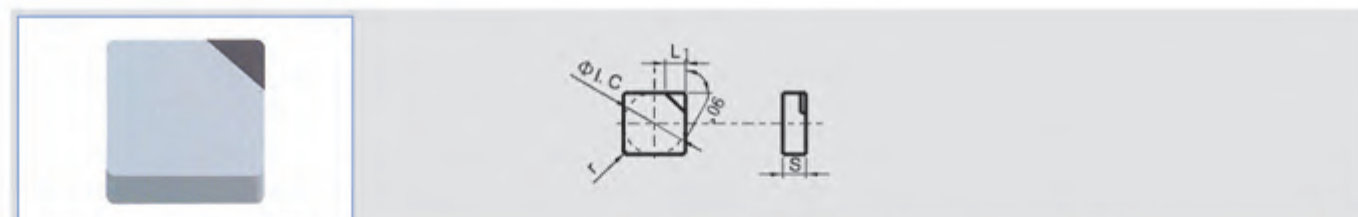
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
TCGW	090204	1.8(1.5)1	5.56	2.38	2.5	2.0	0.4
	110204	2(1.5)1	6.35	2.38	2.8	3.0	0.4
	110208	2(1.5)2	6.35	2.38	2.8	3.0	0.8
	16T304	3(2.5)1	9.525	3.97	4.4	4.5	0.4
	16T308	3(2.5)2	9.525	3.97	4.4	4.5	0.8



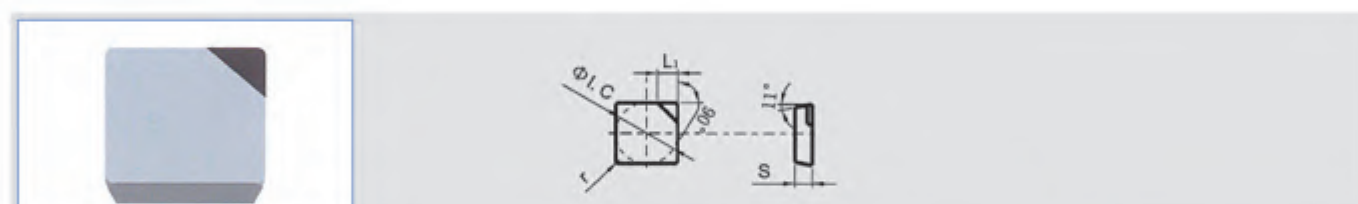
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
WPMT	040202	2(1.5)0	6.35	2.38	2.8	2.5	0.2



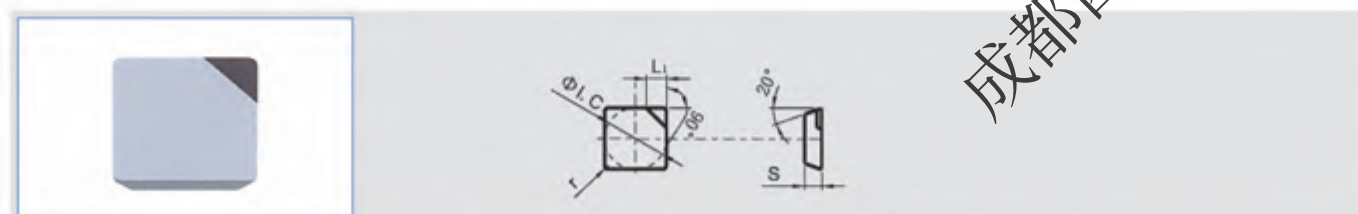
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
WCMT	020202L	1.5(1.5)0L	4.76	2.38	2.3	2.0	0.2



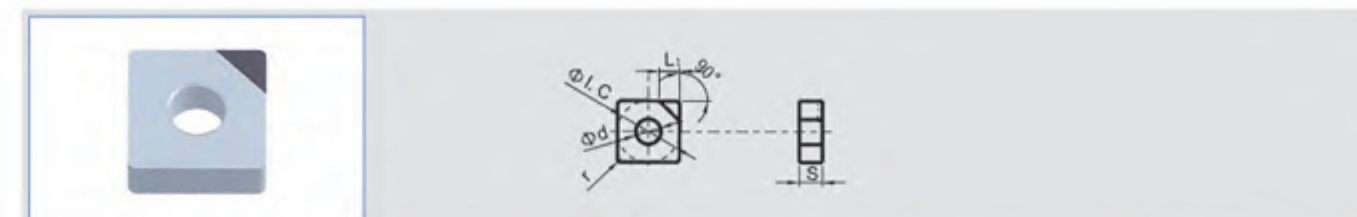
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
SNGN	120408E/S	432E/S	12.7	4.76	-	3.5	0.8
	120412E/S	433E/S	12.7	4.76	-	3.5	1.2
	120416E/S	434E/S	12.7	4.76	-	3.5	1.6



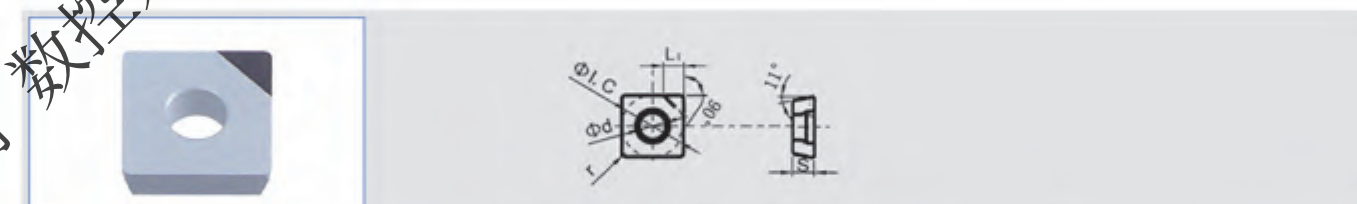
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
SPGN	090302E/S	320E/S	9.525	3.18	-	3.5	0.4
	090304E/S	321E/S	9.525	3.18	-	3.5	0.4
	090308E/S	322E/S	9.525	3.18	-	3.5	0.8
	120304E/S	421E/S	12.7	3.18	-	3.5	0.4



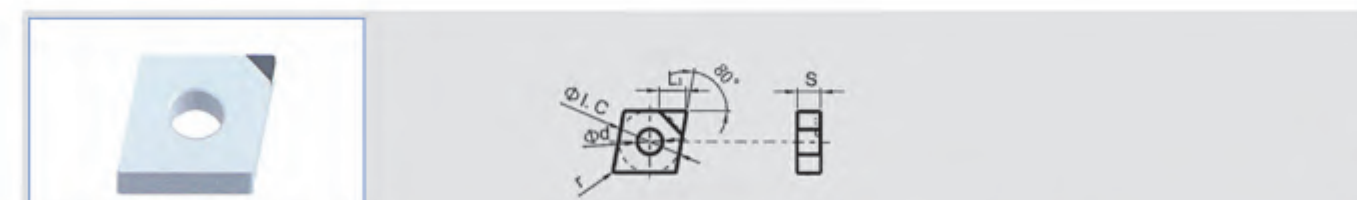
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
SEGN	120304E/S	421E/S	12.7	3.18	-	3.5	0.4
	120308E/S	422E/S	12.7	3.18	-	3.5	0.8



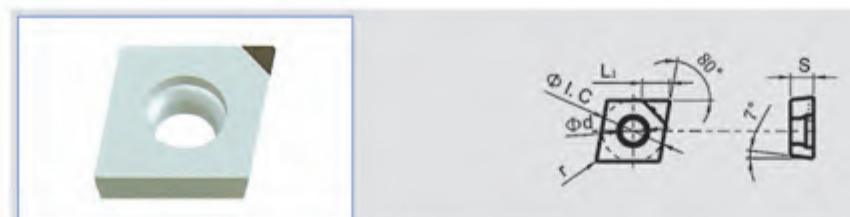
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
SNGA	120408E/S	432E/S	12.7	4.76	5.16	3.5	0.8
	120412E/S	433E/S	12.7	4.76	5.16	3.5	1.2
	120416E/S	434E/S	12.7	4.76	5.16	3.5	1.6



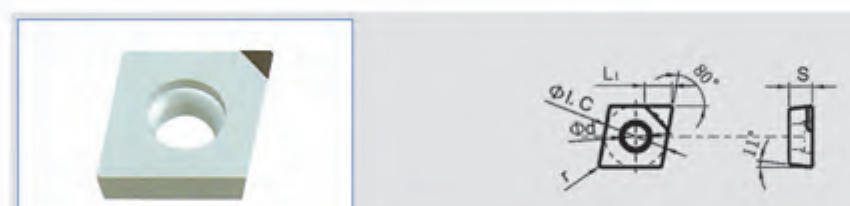
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
SPGB	120304	421	12.7	3.18	5.5	3.5	0.4



Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
CNGA	120404E/S	431E/S	12.7	4.76	5.16	3.5	0.4
	120408E/S	432E/S	12.7	4.76	5.16	3.5	0.8
	120412E/S	433E/S	12.7	4.76	5.16	3.5	1.2



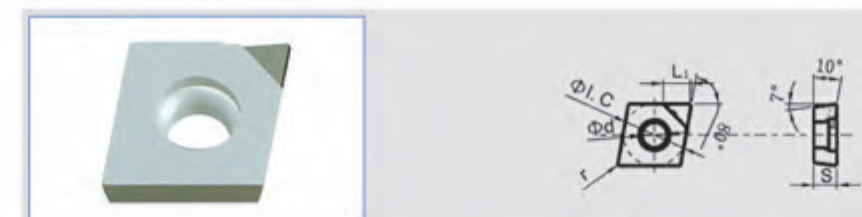
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
CCGW	060204E/S	2(1.5)1E/S	6.35	2.38	2.8	2.0	0.4
	060208E/S	2(1.5)2E/S	6.35	2.38	2.8	2.0	0.8
	09T304E/S	3(2.5)1E/S	9.525	3.97	4.4	3.0	0.4
	09T308E/S	3(2.5)2E/S	9.525	3.97	4.4	3.0	0.8



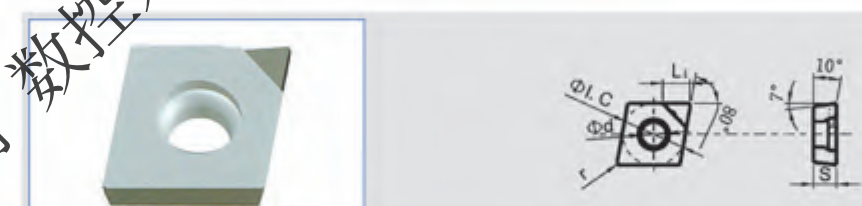
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
CPGB	080204E/S	321E/S	7.94	2.38	3.5	2.0	0.4
	080208E/S		7.94	2.38	3.5	2.0	0.8
	090304E/S		9.525	3.18	4.5	3.0	0.4
	090308E/S		9.525	3.18	4.5	3.0	0.8



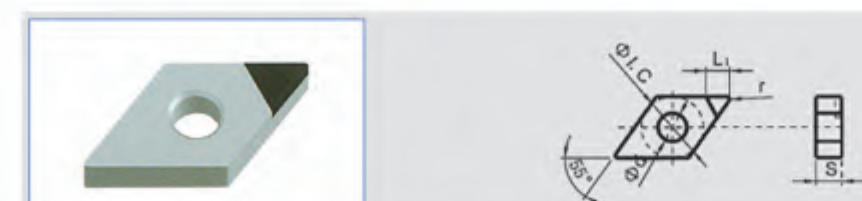
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
CNMM	120402	430	12.7	4.76	5.16	5.9	0.2
	120404	431	12.7	4.76	5.16	5.8	0.4
	120408	432	12.7	4.76	5.16	5.7	0.8
	120412	433	12.7	4.76	5.16	5.7	1.2



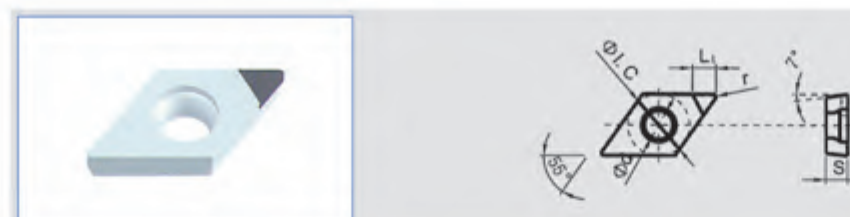
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
CCMT	060201	2(1.5)0	6.35	2.38	2.8	2.0	0.1
	060202		6.35	2.38	2.8	2.0	0.2
	09T301	3(2.5)0	9.525	3.97	4.4	3.0	0.1
	09T302		9.525	3.97	4.4	3.0	0.2



Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
CPMH	080201	320	7.94	2.38	3.5	2.0	0.1
	080202		7.94	2.38	3.5	2.0	0.2
	080204		7.94	2.38	3.5	2.0	0.4
	090301		9.525	3.18	4.5	3.0	0.1
	090302		9.525	3.18	4.5	3.0	0.2
	090304		9.525	3.18	4.5	3.0	0.2

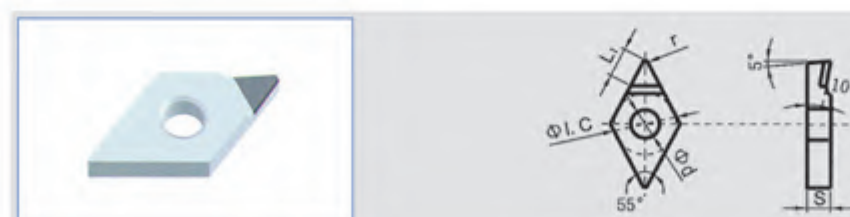


Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
DNGA	150405E/S	431E/S	12.7	4.76	5.16	4.0	0.4
	150408E/S	432E/S	12.7	4.76	5.16	4.0	0.8
	150412E/S	433E/S	12.7	4.76	5.16	4.0	1.2



Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
DCMW	11T302E/S	3(2.5)0E/S	9.525	3.97	4.4	3	0.2
	11T304E/S	3(2.5)1E/S	9.525	3.97	4.4	3	0.4

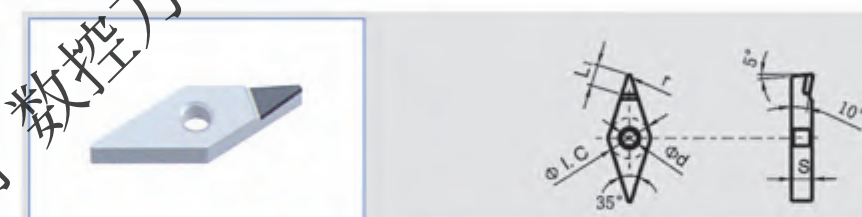
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
DCMT	070201	2(1.5)0	6.35	2.38	2.8	3.0	0.1
	070202		6.35	2.38	2.8	3.0	0.2
	11T301	3(2.5)0	9.525	3.97	4.4	3.0	0.1
	11T302		9.525	3.97	4.4	3.0	0.2
	11T303		9.525	3.97	4.4	3.0	0.4
	11T304		9.525	3.97	4.4	3.0	0.4



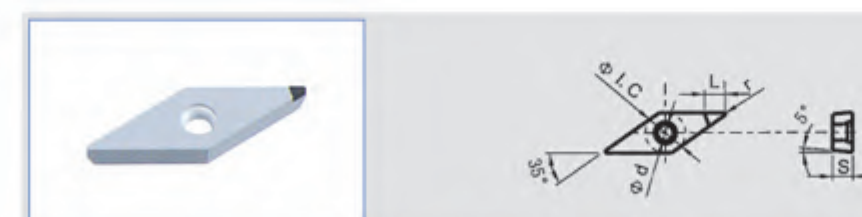
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
DNMM	150402	430	12.7	4.76	5.16	6.0	0.2
	150404	431	12.7	4.76	5.16	5.9	0.4
	150408	432	12.7	4.76	5.16	5.5	0.8
	150412	433	12.7	4.76	5.16	5.1	1.2



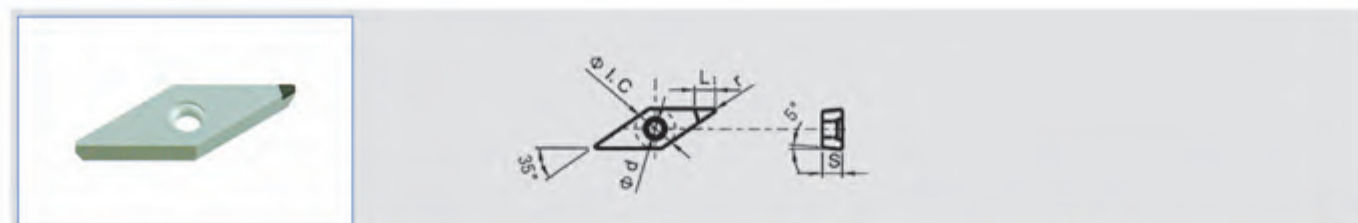
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
VNGA	160404	331	9.525	4.76	3.81	3.5	0.4
	160408	332	9.525	4.76	3.81	3.5	0.8



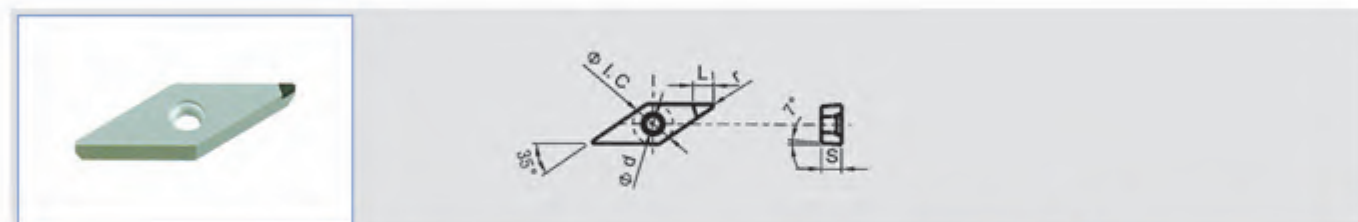
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
VNMM	160402M	330M	9.525	4.76	3.81	5.3	0.2
	160404M	331M	9.525	4.76	3.81	4.9	0.4
	160408M	332M	9.525	4.76	3.81	4.0	0.8
	160410M	333M	9.525	4.76	3.81	3.1	1.2
	160412M	333M	9.525	4.76	3.81	3.1	1.2



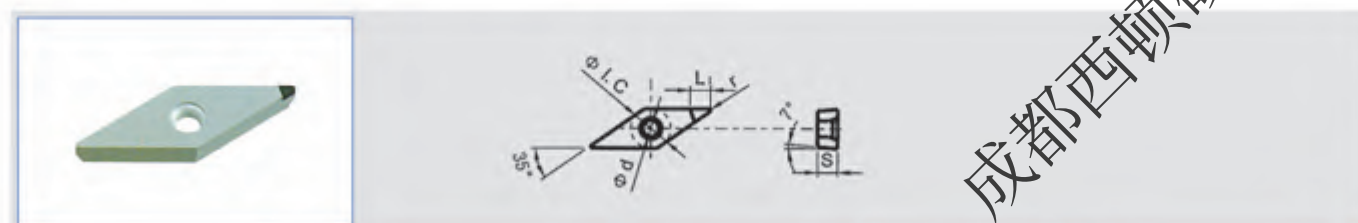
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	$\Phi I.C$	S	Φd	L_1	r
VBGW	160404	331	9.525	4.76	4.4	16.6	0.4
	160408	332	9.525	4.76	4.4	16.6	0.8



Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
VBMM	160404	331	9.525	4.76	4.4	16.6	0.4
	160408	332	9.525	4.76	4.4	16.6	0.8



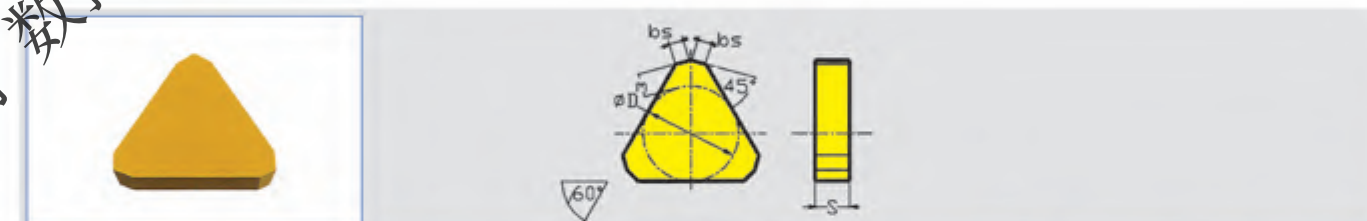
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
VCGW	160404	331	9.525	4.76	4.4	16.6	0.4
	160408	332	9.525	4.76	4.4	16.6	0.8
	160412	333	9.525	4.76	4.4	16.6	



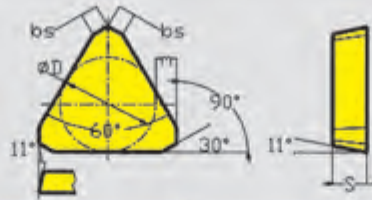
Type型号			Dimension(mm)基本尺寸				
	(ISO)	(inch)	ΦI.C	S	Φd	L ₁	r
VCMW	160404	331	9.525	4.76	4.4	16.6	0.4
	160408	332	9.525	4.76	4.4	16.6	0.8
	160412	333	9.525	4.76	4.4	16.6	1.2



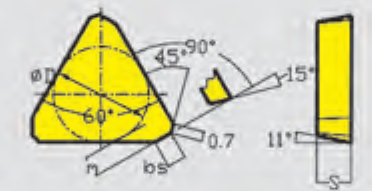
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	S	r		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
TNEN160620	9.525	6.35	2	▲	▲	▲	▲	▲	▲	▲	▲
TNEN270645	15.875	6.35	4.5	▲	▲	▲	▲	▲	▲	▲	▲



Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
TNJN2204ANEN	12.7	4.76	3.08	▲	▲	▲	▲	▲	▲	▲	▲



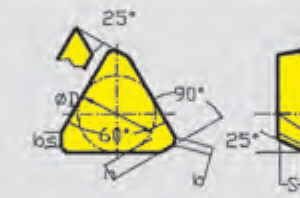
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TPAN1103PPN	6.35	3.175	0.7	1.72	▲	▲	▲	▲	▲	▲	▲	▲	△	△			△	△	△	△
TPCN1103PPN	6.35	3.175	0.7	1.72		▲	▲		▲		▲	▲	△	△			△	△	△	△
TPKN1103PPN	6.35	3.175	0.7	1.72	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPAN1603PPN	9.525	3.175	1.2	2.45	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPCN1603PPN	9.525	3.175	1.2	2.45	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPKN1603PPN	9.525	3.175	1.2	2.45	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPAN2204PPN	12.7	4.76	1.3	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPCN2204PPN	12.7	4.76	1.3	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPKN2204PPN	12.7	4.76	1.3	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TPAN1603PDR	6.35	3.175	1.3	2.45		▲	▲		▲		▲	▲	△	△			△	△	△	△
TPAN1603PDL	6.35	3.175	1.3	2.45		▲	▲		▲		▲	▲	△	△			△	△	△	△
TPCN1603PDR	6.35	3.175	1.3	2.45	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPCN1603PDL	9.525	3.175	1.3	2.45	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPKN1603PDR	9.525	3.175	1.3	2.45	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPKN1603PDL	9.525	3.175	1.3	2.45	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPAN2204PDR	12.7	4.76	1.4	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPAN2204PDL	12.7	4.76	1.4	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPCN2204PDR	12.7	4.76	1.4	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPCN2204PDL	12.7	4.76	1.4	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPKN2204PDR	12.7	4.76	1.4	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△
TPKN2204PDL	12.7	4.76	1.4	3.55	▲	▲	▲		▲		▲	▲	△	△			△	△	△	△



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TECN1603PDR	9.525	3.175	2	2.19			▲	▲	▲			▲		△	△		△	△	△	△
TECN1603PDL	9.525	3.175	2	2.19			▲	▲	▲			▲		△	△		△	△	△	△



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号								
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
TFAN2203PFR	12.7	3.175	2.5	0.7			▲	▲	▲		▲	▲		△	△			△	△	△	△
TFAN2203PFL	12.7	3.175	2.5	0.7			▲	▲	▲		▲	▲		△	△			△	△	△	△

Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SNAN1204ENN	12.7	4.76	1.4	0.8			▲		▲		▲	▲	△	△			△	△	△	△
SNCN1204ENN	12.7	4.76	1.4	0.8	▲		▲		▲		▲	▲	△	△			△	△	△	△
SNKN1204ENN	12.7	4.76	1.4	0.8	▲		▲		▲		▲	▲	△	△			△	△	△	△
SNAN1504ENN	15.875	4.76	1.4	1.5	▲		▲		▲		▲	▲	△	△			△	△	△	△
SNCN1504ENN	15.875	4.76	1.4	1.5	▲		▲		▲		▲	▲	△	△			△	△	△	△
SNKN1504ENN	15.875	4.76	1.4	1.5	▲		▲		▲		▲	▲	△	△			△	△	△	△
SNAN1904ENN	19.05	4.76	2	1.3	▲		▲		▲		▲	▲	△	△			△	△	△	△
SNCN1904ENN	19.05	4.76	2	1.3	▲		▲		▲		▲	▲	△	△			△	△	△	△
SNKN1904ENN	19.05	4.76	2	1.3	▲		▲		▲		▲	▲	△	△			△	△	△	△

Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SNAN1204ANN	12.7	4.76	2	1.6			▲			▲	▲	▲	△	△			△		△	△
SNCN1204ANN	12.7	4.76	2	1.6	▲		▲			▲	▲	▲	△	△			△		△	△
SNKN1204ANN	12.7	4.76	2	1.6	▲		▲			▲	▲	▲	△	△			△		△	△
SNEN1204ANN-2	12.7	4.76	2	1.94	▲		▲			▲	▲	▲	△	△			△		△	△
SNAN1504ANN	15.875	4.76	2.5	2	▲		▲			▲	▲	▲	△	△			△		△	△
SNCN1504ANN	15.875	4.76	2.5	2	▲		▲			▲	▲	▲	△	△			△		△	△
SNKN1504ANN	15.875	4.76	2.5	2	▲		▲			▲	▲	▲	△	△			△		△	△
SNAN1904ANN	19.05	4.76	3	2.5	▲		▲			▲	▲	▲	△	△			△		△	△
SNCN1904ANN	19.05	4.76	3	2.5	▲		▲			▲	▲	▲	△	△			△		△	△
SNKN1904ANN	19.05	4.76	3	2.5	▲		▲			▲	▲	▲	△	△			△		△	△

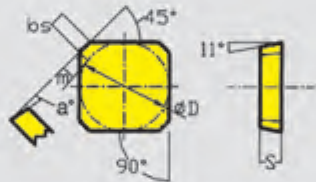
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
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	S	bs		ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SBEX1203ZZ	12.7	3.175	0.8		▲	▲			▲	▲		△	△			△		△	
SBEX1204ZZ	12.7	4.76	0.8	▲	▲	▲			▲	▲		△	△			△		△	
SBMX1204ZZ	12.7	4.76	0.8	▲	▲	▲			▲	▲		△	△			△		△	

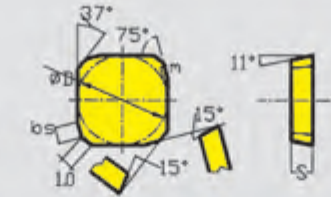
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SPEN1203EDR-WC	12.7	3.175	3.175	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△



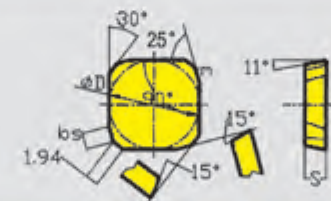
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST11420	ST11410
SPEN120416-WC	12.7	4.76	1.6		▲			▲	▲	▲	△
SPEN190424-TW	19.05	4.76	2.4	▲	▲			▲	▲	▲	△



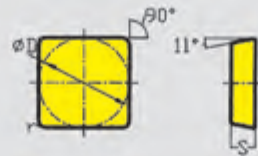
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	a	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST11420	ST11410
SPCN1204APN	12.7	4.76	2.22	11°		▲			▲	▲	△	
SPCN1904APN	19.05	4.76	4.48	10°	▲	▲			▲	▲	△	



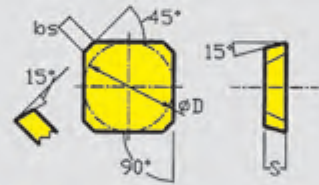
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST11420	ST11410
SPAN1203EDR	12.7	3.175	1.4	0.9		▲	▲		▲	▲	△	△
SPAN1203EDL	12.7	3.175	1.4	0.9	▲	▲	▲		▲	▲	△	△
SPCN1203EDR	12.7	3.175	1.4	0.9	▲	▲	▲		▲	▲	△	△
SPCN1203EDL	12.7	3.175	1.4	0.9	▲	▲	▲		▲	▲	△	△
SPKN1203EDR	12.7	3.175	1.4	0.9	▲	▲	▲		▲	▲	△	△
SPKN1504EDL	12.7	3.175	1.4	0.9	▲	▲	▲		▲	▲	△	△
SPAN1504EDR	15.875	4.76	1.4	1.25	▲	▲	▲		▲	▲	△	△
SPAN1504EDL	15.875	4.76	1.4	1.25	▲	▲	▲		▲	▲	△	△
SPCN1504EDR	15.875	4.76	1.4	1.25	▲	▲	▲		▲	▲	△	△
SPCN1504EDL	15.875	4.76	1.4	1.25	▲	▲	▲		▲	▲	△	△
SPKN1504EDR	15.875	4.76	1.4	1.25	▲	▲	▲		▲	▲	△	△
SPKN1504EDL	15.875	4.76	1.4	1.25	▲	▲	▲		▲	▲	△	△



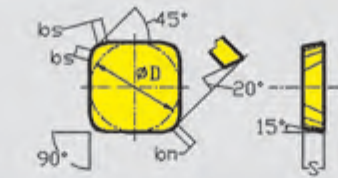
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST11420	ST11410
SPCN1203ZDTR	12.7	3.175	0.55		▲	▲		▲	▲	△	△
SPCN1203ZDRL	12.7	3.175	0.55	▲	▲	▲		▲	▲	△	△



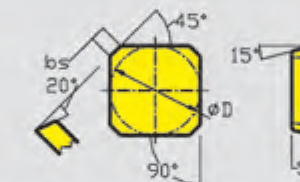
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SPEN120408	12.7	4.76	0.8								
SPEN150412	15.875	4.76	1.2								
SPEN190416	19.05	4.76	1.6								



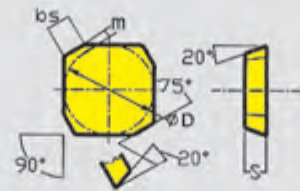
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SDCN1203ZTN	12.7	3.175	1.2								
SDCN1203ZFN	12.7	3.175	1.2								
SDCN1504ZTN	15.875	4.76	1.2								
SDCN1504ZFN	15.875	4.76	1.2								
SDKN1203ZTN	12.7	3.175	1.2								
SDKN1203ZFN	12.7	3.175	1.2								
SDKN1504ZTN	15.875	4.76	1.2								
SDKN1504ZFN	15.875	4.76	1.2								



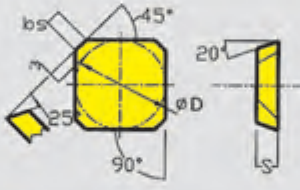
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	S	bs	bn	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SDKN1504ZTN	15.875	4.76	0.466 1.46								



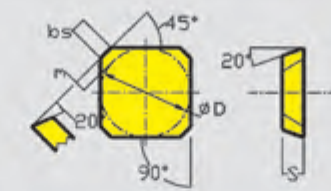
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SDKN1504AEN	15.875	4.76	1.9								



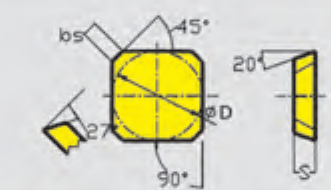
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SECN1203EER	12.7	3.175	2.5	0.8	▲	▲	▲	▲	▲	▲	▲	▲
SECN1203EEL	12.7	3.175	2.5	0.8	▲	▲	▲	▲	▲	▲	▲	▲



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	m	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SEKN1203AFN	12.7	3.175	2	1.6	▲	▲	▲	▲	▲	▲	▲	▲
SEKN1203AFTN	12.7	3.175	2	1.6	▲	▲	▲	▲	▲	▲	▲	▲
SEKN1204AFN	12.7	4.76	2	1.6	▲	▲	▲	▲	▲	▲	▲	▲
SEKN1204AFTN	12.7	4.76	2	1.6	▲	▲	▲	▲	▲	▲	▲	▲
SEKN1205AFN	12.7	5.56	2	1.6	▲	▲	▲	▲	▲	▲	▲	▲
SEKN1504AFN	15.875	4.76	2.5	2	▲	▲	▲	▲	▲	▲	▲	▲
SEKN1504AFTN	15.875	4.76	2.5	2	▲	▲	▲	▲	▲	▲	▲	▲



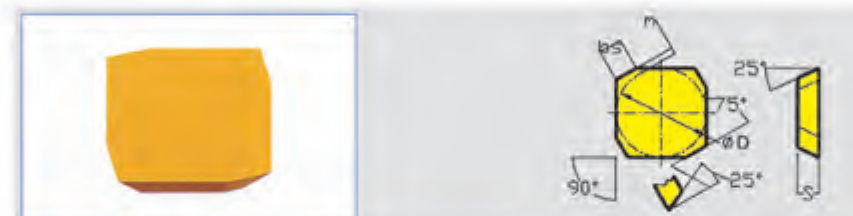
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SEMN1204AZ	12.7	4.76	2.1	▲	▲	▲	▲	▲	▲	▲	▲
SECN1203AFN	12.7	3.175	2.48	▲	▲	▲	▲	▲	▲	▲	▲



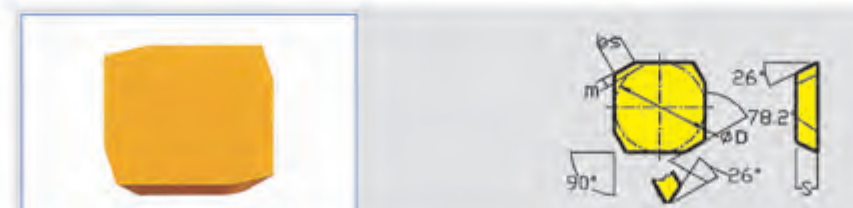
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号			
	D	S	bs	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410
SEKN1204AZ	12.7	4.76	2	▲	▲	▲	▲	▲	▲	▲	▲
SEMN1204AZ	12.7	4.76	2	▲	▲	▲	▲	▲	▲	▲	▲
SEKN1504AZ	15.875	4.76	2	▲	▲	▲	▲	▲	▲	▲	▲
SEMN1203AZ	12.7	3.175	2	▲	▲	▲	▲	▲	▲	▲	▲
SEHN1204AZ	12.7	4.76	2	▲	▲	▲	▲	▲	▲	▲	▲



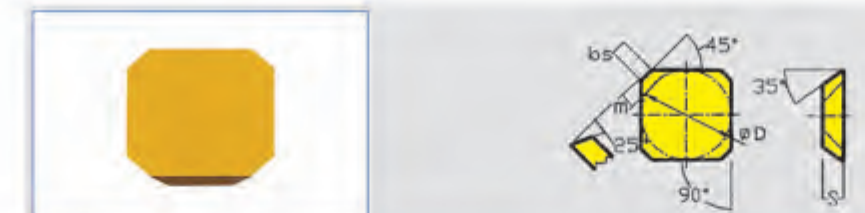
Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	D	S	m	a	b				
SEKR1203AZ-YM	12.7	3.18	1.43	1.6	0.84	ST2135	ST2230	ST2415	ST2410
SEKR1204AZ-YM	12.7	4.76	1.43	1.6	0.84	ST3420	ST3430	ST1420	ST1410
						ST2035	ST2020	ST2010	ST3025
						ST3030	YW2	ST3015	ST1010F



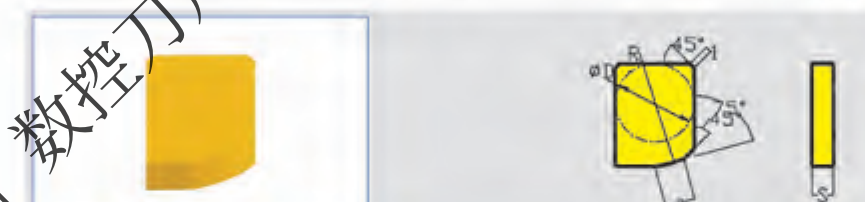
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	D	S	bs				
SFAN1203EFR	12.7	3.175	2.5	ST2135	ST2230	ST2415	ST2410
SFAN1203EFL	12.7	3.175	2.5	ST3420	ST3430	ST1420	ST1410
				ST2035	ST2020	ST2010	ST3025
				ST3030	YW2	ST3015	ST1010F



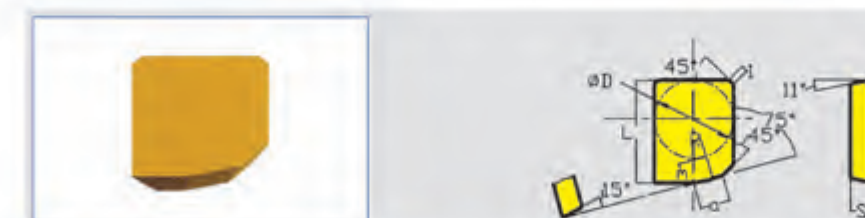
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	D	S	bs				
SFAN1203ZZR	12.7	3.175	2.39	ST2135	ST2230	ST2415	ST2410
SFAN1203ZZL	12.7	3.175	2.39	ST3420	ST3430	ST1420	ST1410
				ST2035	ST2020	ST2010	ST3025
				ST3030	YW2	ST3015	ST1010F



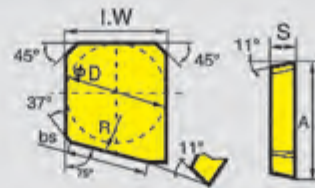
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	S	bs					
SOMX1603AZN	16.55	3.175	0.99	ST2135	ST2230	ST2415	ST2410
				ST3420	ST3430	ST1420	ST1410
				ST2035	ST2020	ST2010	ST3025
				ST3030	YW2	ST3015	ST1010F



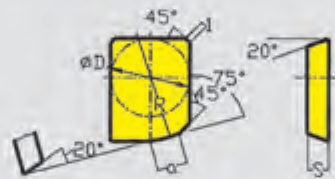
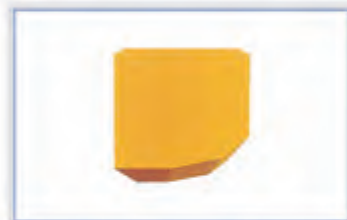
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	D	S	a	R				
SNEX1204ENN-1	12.7	4.76	10	500	ST2135	ST2230	ST2415	ST2410
SNEX1504ENN-1	15.875	4.76	10	500	ST3420	ST3430	ST1420	ST1410
					ST2035	ST2020	ST2010	ST3025
					ST3030	YW2	ST3015	ST1010F



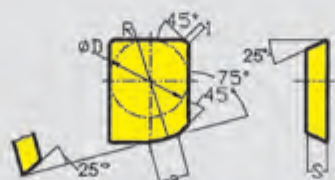
Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号	
	L	D	S	m	a	R				
LPEN1403EDR	14.7	12.7	3.175	0.97	8°	500	ST2135	ST2230	ST2415	ST2410
LPEN1403EDL	14.7	12.7	3.175	0.97	8°	500	ST3420	ST3430	ST1420	ST1410
LPEX1804EDR	18.3	15.875	4.76	1.32	10°	500	ST2035	ST2020	ST2010	ST3025
LPEX1804EDL	18.3	15.875	4.76	1.32	10°	500	ST3030	YW2	ST3015	ST1010F



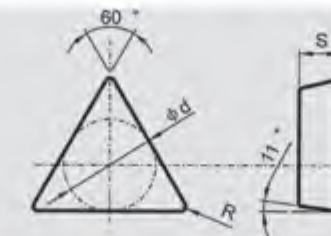
Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号								
	A	D	bs	S	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
SPEX1203EDL-1	15	12.7	10	3.18	500			▲	▲			▲	▲		△	△					△	△
SPEX1203EDR-1	15	12.7	10	3.18	500			▲	▲			▲	▲		△	△					△	△
SPEX1504EDL-1	18.2	15.875	10	4.76	500			▲	▲			▲	▲		△	△					△	△
SPEX1504EDR-1	18.2	15.875	10	4.76	500			▲	▲			▲	▲		△	△					△	△



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	a	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	ST1010F	ST1010	
SECX1203EER-1	12.7	3.175	10°	500	▲	▲					▲	▲		△	△				△	
SECX1203EEL-1	12.7	3.175	10°	500	▲	▲					▲	▲		△	△				△	



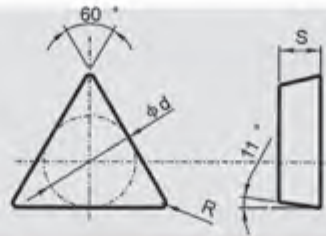
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号								
	D	S	a	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F	
SFCX1203EFR-1	12.7	3.175	10°	500			▲	▲			▲	▲		△	△					△	△
SFCX1203EFL-1	12.7	3.175	10°	500			▲	▲			▲	▲		△	△					△	△



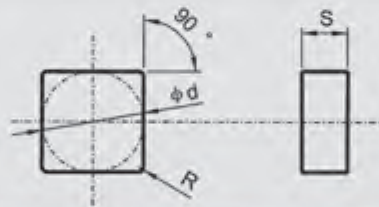
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	Φd	S±0.13	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
G307050	7.0±0.05	3	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G310050	10.0±0.05	3.5	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G313050	13.0±0.08	4.5	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G313100	13.0±0.08	4.5	1.0									▲	▲	▲	▲	▲	▲	▲	▲
G316050	16.0±0.10	5.5	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G316100	16.0±0.10	5.5	1.0									▲	▲	▲	▲	▲	▲	▲	▲



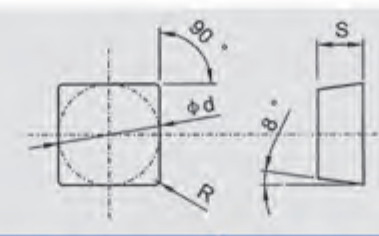
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	Φd	S±0.13	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
G307058	7.0±0.05	3	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G310058	10.0±0.05	3.5	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G313058	13.0±0.08	4.5	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G313108	13.0±0.08	4.5	1.0									▲	▲	▲	▲	▲	▲	▲	▲
G316058	16.0±0.10	5.5	0.5									▲	▲	▲	▲	▲	▲	▲	▲
G316108	16.0±0.10	5.5	1.0									▲	▲	▲	▲	▲	▲	▲	▲



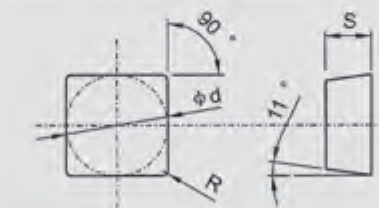
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	Φd	S±0.13	R	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
G3070511	7.0±0.05	3	0.5		▲▲▲▲▲▲▲▲
G3100511	10.0±0.05	3.5	0.5		▲▲▲▲▲▲▲▲
G3130511	13.0±0.08	4.5	0.5		▲▲▲▲▲▲▲▲
G3131011	13.0±0.08	4.5	1.0		▲▲▲▲▲▲▲▲
G160511	16.0±0.10	5.5	0.5		▲▲▲▲▲▲▲▲
G161011	16.0±0.10	5.5	1.0		▲▲▲▲▲▲▲▲



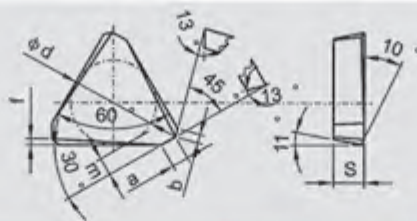
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	Φd	S±0.13	R	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
G410050	10.0±0.05	3.5	0.5		▲▲▲▲▲▲▲▲
G413050	13.0±0.08	4.5	0.5		▲▲▲▲▲▲▲▲
G413100	13.0±0.08	4.5	1.0		▲▲▲▲▲▲▲▲
G416050	16.0±0.10	4.5	0.5		▲▲▲▲▲▲▲▲
G416100	16.0±0.10	4.5	1.0		▲▲▲▲▲▲▲▲
G419100	19.0±0.10	5.5	1.0		▲▲▲▲▲▲▲▲
G419200	19.0±0.10	5.5	2.0		▲▲▲▲▲▲▲▲
G425100	25.0±0.13	7	1.0		▲▲▲▲▲▲▲▲
G425200	25.0±0.13	7	2.0		▲▲▲▲▲▲▲▲



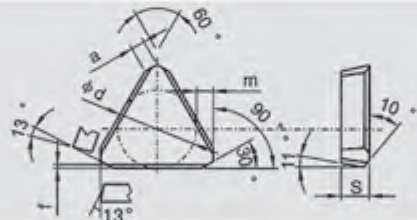
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	Φd	S±0.13	R	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
G410058	10.0±0.05	3	0.5		▲▲▲▲▲▲▲▲
G413058	13.0±0.08	3.5	0.5		▲▲▲▲▲▲▲▲
G416058T	13.0±0.08	4.5	0.5		▲▲▲▲▲▲▲▲
G413108	13.0±0.08	3.5	1.0		▲▲▲▲▲▲▲▲
G413108T	13.0±0.08	4.5	1.0		▲▲▲▲▲▲▲▲
G416058	16.0±0.10	4.5	0.5		▲▲▲▲▲▲▲▲
G416108	16.0±0.10	4.5	1.0		▲▲▲▲▲▲▲▲
G416158	16.0±0.10	4.5	1.5		▲▲▲▲▲▲▲▲
G419108	19.0±0.10	5.5	1.0		▲▲▲▲▲▲▲▲
G419208	19.0±0.10	5.5	2.0		▲▲▲▲▲▲▲▲
G425108	25.0±0.13	7	1.0		▲▲▲▲▲▲▲▲
G425208	25.0±0.13	7	1.0		▲▲▲▲▲▲▲▲



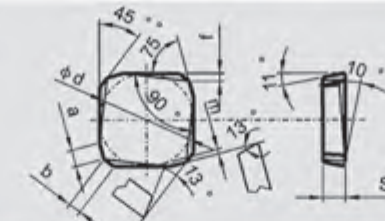
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号	Uncoated Grade 非涂层牌号
	Φd	S±0.13	R	ST2135 ST2230 ST2415 ST2410 ST3420 ST3430 ST1420 ST1410	ST2035 ST2020 ST2010 ST3025 ST3030 YW2 ST3015 ST1010F
G4100511	10.0±0.05	3	0.5		▲▲▲▲▲▲▲▲
G4130511	13.0±0.08	3.5	0.5		▲▲▲▲▲▲▲▲
G4130511T	13.0±0.08	4.5	0.5		▲▲▲▲▲▲▲▲
G4131011	13.0±0.08	3.5	1.0		▲▲▲▲▲▲▲▲
G413111T	13.0±0.08	4.5	1.0		▲▲▲▲▲▲▲▲
G4160511	16.0±0.10	4.5	0.5		▲▲▲▲▲▲▲▲
G4161011	16.0±0.10	4.5	1.0		▲▲▲▲▲▲▲▲
G4161511	16.0±0.10	4.5	1.5		▲▲▲▲▲▲▲▲
G4191011	19.0±0.10	5.5	1.0		▲▲▲▲▲▲▲▲
G4192011	19.0±0.10	5.5	2.0		▲▲▲▲▲▲▲▲
G4251011	25.0±0.13	7	1.0		▲▲▲▲▲▲▲▲
G4252011	25.0±0.13	7	2.0		▲▲▲▲▲▲▲▲



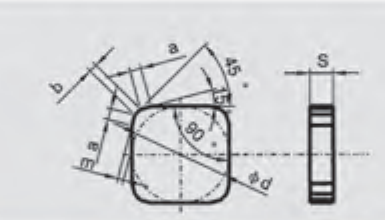
Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	ΦD	S	m	a	b	f	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
3XH10Y/Z	10	3.5	2.77	1.2	0.5	0.2									▲	▲	▲	▲	▲	▲	▲	▲
3XH13Y/Z	13	4.5	3.67	1.4	0.7	0.4									▲	▲	▲	▲	▲	▲	▲	▲
3XH16Y/Z	16	5.5	4.53	1.6	1	0.6									▲	▲	▲	▲	▲	▲	▲	▲



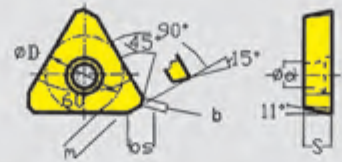
Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	ΦD	S	m	a	f	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
3XH07	7	3	1.696	1	0.2									▲	▲	▲	▲	▲	▲	▲	▲
3XH10	10	3.5	2.621	1.2	0.2									▲	▲	▲	▲	▲	▲	▲	▲
3XH13	13	4.5	3.548	1.4	0.4									▲	▲	▲	▲	▲	▲	▲	▲
3XH16	16	5.5	4.469	1.6	0.6									▲	▲	▲	▲	▲	▲	▲	▲



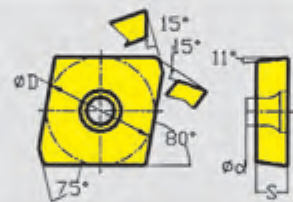
Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	Φ	S	m	a	b	f	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
4XH13Y/Z	13	3.5	0.926	1.4	1	0.2									▲	▲	▲	▲	▲	▲	▲	▲
4XH16Y/Z	16	4.5	1.263	1.4	1	0.4									▲	▲	▲	▲	▲	▲	▲	▲
4XH19Y/Z	19	5.5	1.513	1.6	1.2	0.4									▲	▲	▲	▲	▲	▲	▲	▲
4XH25Y/Z	25	7	2.186	1.6	1.2	0.6									▲	▲	▲	▲	▲	▲	▲	▲



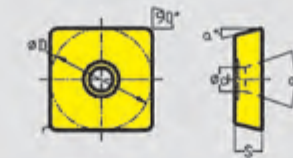
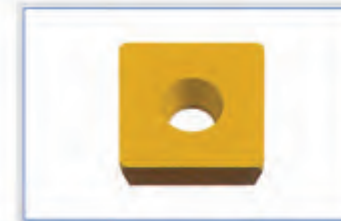
Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	Φd	S	m	a	b	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
4X13	13	4.5	0.834	1.4	1									▲	▲	▲	▲	▲	▲	▲	▲
4X16	16	4.5	1.17	1.4	1									▲	▲	▲	▲	▲	▲	▲	▲
4X19	19	5.5	1.408	1.6	1.2									▲	▲	▲	▲	▲	▲	▲	▲
4X25	25	7	2.082	1.6	1.2									▲	▲	▲	▲	▲	▲	▲	▲



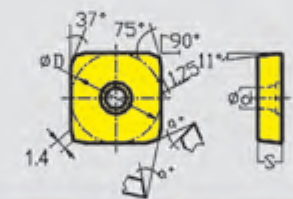
Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	bs	d	b	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
TPCW2204PDR	12.7	4.76	1.4	5.6	0.7	▲	▲			▲	▲			△	△			△		△	
TPCW2204PDL	12.7	4.76	1.4	5.6	0.7	▲	▲			▲	▲			△	△			△		△	



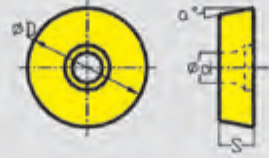
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	d	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3015	YW2	ST3015	ST1010F
CPCW1204PDR	12.7	4.76	5.5	▲	▲			▲	▲			△	△		△			△	



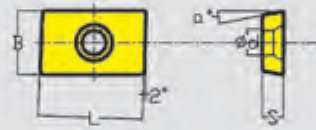
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	a	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
P2800-0	9.525	3.175	14°	▲	▲				▲	▲		△	△			△		△	
P2808-0	12.7	4.76	11°	▲	▲				▲	▲		△	△			△		△	
P2809-1	12.7	4.76	11°	▲	▲				▲	▲		△	△			△		△	
P2803-1	12.7	4.76	11°	▲	▲				▲	▲		△	△			△		△	
P2800-2	15.88	4.76	11°	▲	▲				▲	▲		△	△			△		△	
P28415-0	9.525	3.175	14°	▲	▲				▲	▲		△	△			△		△	
P28495-0	12.7	4.76	11°	▲	▲				▲	▲		△	△			△		△	



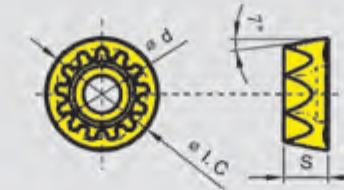
Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	d	a	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
SPCW1504EDR	15.88	4.76	5.6	15°	▲		▲			▲	▲		△	△			△		△	
SPCW1504EPL	15.88	4.76	5.6	11°	▲		▲			▲	▲		△	△			△		△	
SPCW1504EPR	15.88	4.76	5.6	11°	▲		▲			▲	▲		△	△			△		△	



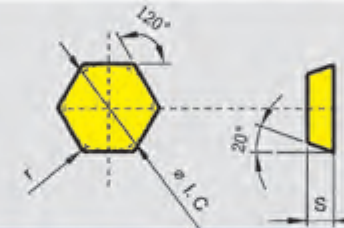
Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	D	S	a	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
P22215-00	8	2.38	14°	▲		▲			▲	▲		△	△			△		△	
P22215-14	12	4.76	11°	▲		▲			▲	▲		△	△			△		△	



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	B*L	S	d	a	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
P2700-3	9.525*15	3.175	4.5	14°	▲	▲				▲	▲		△	△			△		△	
P2706-3	12.7*15.88	4.76	5.5	11°	▲	▲				▲	▲		△	△			△		△	



Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	ΦI.C	S	Φd	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
RCKX1204MO-MP	12.0	4.76	4	▲	▲				▲	▲		△	△			△		△	
RCKX1204MO-RP	12.0	4.76	4	▲	▲	▲			▲	▲		△	△			△		△	
RCKX1606MO-MP	16.0	6.35	5.56						▲	▲		△	△			△		△	
RCKX1606MO-RP	16.0	6.35	5.56	▲	▲	▲			▲	▲		△	△			△		△	
RCKX2006MO-RP	20.0	6.35	6.55	▲	▲				▲	▲		△	△			△		△	



Type型号	Dimension(mm)基本尺寸			Coated Grade 涂层牌号							Uncoated Grade 非涂层牌号								
	ΦI.C	S	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
HEEN532	15.88	4.76	0.8	▲	▲				▲	▲		△	△			△		△	



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	L	ΦI.C	S	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST3420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
OFXR0704-FB	7.45	17.94	4.76	0.8	▲	▲				▲	▲		△	△			△		△	

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
OFER070405-NN	7.46	18	4.76	2.3	0.5	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	L	$\phi I.C$	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
OFMT05T305-NN	5.26	12.7	3.97	4.4	0.5	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
OFMT070405-NN	7.46	18	4.76	4.4	0.5	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△




Type型号

Dimension(mm)基本尺寸

Coated Grade
涂层牌号

Uncoated Grade
非涂层牌号

	L	ΦI.C	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
ODHW0504ZZN	12.7	4.76	4.4			▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

成都西顿硬

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	L	$\phi I.C$	S	ϕd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
ODHT0504ZZN-M2.5	12.7	4.76	4.4			▲		▲			▲	▲		△	△			△		△	

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	I.W	L	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
APMT1135PDR	6.2	11.24	3.5	2.8	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
APMT1604PDR	9.25	17.3	4.76	4.4	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	I.W	L	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
APKT11T304-FC	6.5	12.24	3.6	2.8	0.4	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△
APKT160408-FC	9.335	17.877	4.76	4.4	0.8	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	L.W	L	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
APFT1604PDR	9.525	16.9	4.76	4.5	0.86	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号		Uncoated Grade 非涂层牌号													
	L.W	L	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
APKT150412R	12.7	16.23	4.76	5.4	1.2	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

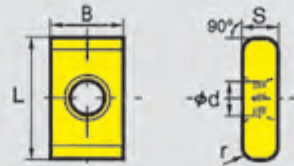
成都西顿硬质合金

Type型号	Dimension(mm)基本尺寸							Coated Grade 涂层牌号				Uncoated Grade 非涂层牌号											
	L	B	S	r	d	d ₁	R	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
LCMX030308	8	6.5	3.18	0.8	2.5	3.5	2.0	▲	▲			▲	▲			△	△			△		△	
LCMX040308	10	8	3.18	0.8	2.8	3.9	2.5	▲	▲			▲	▲			△	△			△		△	

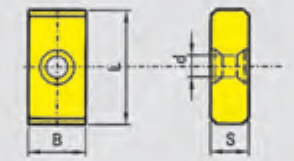
Type型号	Dimension(mm)基本尺寸							Coated Grade 涂层牌号							Uncoated Grade 非涂层牌号								
	L	B	S	B ₁	S ₁	d	d ₁	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
LCMX060204	6.7	4.76	2.38	3.36	0.75	2.5	3.3	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△

Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号					Uncoated Grade 非涂层牌号										
	L	B	S	d	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
CNE323	12.7	9.525	4.8	4.2	/	▲		▲			▲	▲		△	△			△		△	
CNE323-R0.8	12.7	9.525	4.8	4.2	/	▲		▲			▲	▲		△	△			△		△	
CNE44	12.7	12.7	6.35	5.4	/						▲	▲		△	△			△		△	
CNE44-R0.8	12.7	12.7	6.35	5.4	/	▲		▲			▲	▲		△	△			△		△	
CNE454	16.3	14.28	6.35	5.4	/	▲		▲			▲	▲		△	△			△		△	
CNE544R0.8-0.2	16.0	12.0	6.35	5.4	0.8	▲		▲			▲	▲		△	△			△		△	

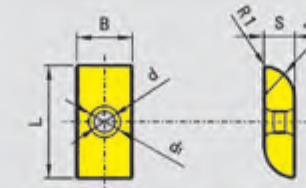
Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	L	B	S	r	d ₁	d	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
LNKX1606PN-N MM	15	13.9	6	0.8	4.6	6.3	▲	▲	▲	▲	▲	▲	▲	▲	△	△	△	△	△	△	△	△



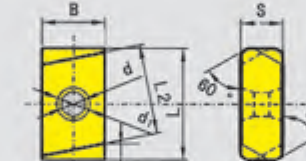
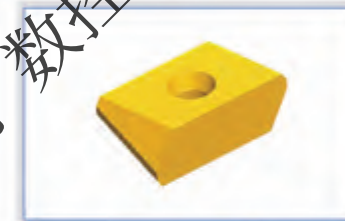
Type型号	Dimension(mm)基本尺寸					Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号							
	L	B	S	Φd	r	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
LNE32-524	15.88	9.525	4.76	4.4	1.6	▲		▲			▲	▲		△	△			△		△	
FNC443-01	25.4	14.3	4.76	5.7	2.4	▲		▲			▲	▲		△	△			△		△	



Type型号	Dimension(mm)基本尺寸				Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号						
	L	B	S	d	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	ST3015	ST1010F
LNE322	15.9	9.5	3.9	4.2	▲	▲				▲	▲		△	△					△
LNE323	15.9	9.5	4.8	4.2	▲	▲	▲			▲	▲		△	△					△
LNE323-02	15.9	9.5	4.8	4.2	▲	▲	▲			▲	▲		△	△					△
LNE424R01	15.9	12.7	6.4	5.4	▲	▲	▲			▲	▲		△	△					△
LNE434-02	19.1	14.3	6.4	5.4	▲	▲	▲			▲	▲		△	△					△
LNE446R01	28.6	14.3	9.5	5.4	▲	▲	▲			▲	▲						△		△
LNE446L01	28.6	14.3	9.5	5.4	▲	▲	▲			▲	▲			△			△		△



Type型号	Dimension(mm)基本尺寸								Coated Grade 涂层牌号								Uncoated Grade 非涂层牌号						
	L	B	S	R	R _i	d	d _i	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
FNC334-103T03	25.5	11.5	6.4	6.5	0.4	4.4	6.5	▲	▲				▲	▲		△	△			△		△	
FNC484-103	51	14.3	6.3	6.3	倒角/0.8×45°	5.6	8.45	▲	▲				▲	▲		△	△			△		△	



Type型号	Dimension(mm)基本尺寸						Coated Grade 涂层牌号						Uncoated Grade 非涂层牌号									
	L	B	S	d	L ₁	L ₂	ST2135	ST2230	ST2415	ST2410	ST3420	ST3430	ST1420	ST1410	ST2035	ST2020	ST2010	ST3025	ST3030	YW2	ST3015	ST1010F
LNHX2509	25.4	14.3	9.5	5.5	3.74	20.4	▲	▲				▲	▲		△	△			△		△	

国际标准

1.ISO标准表示准则:

形状代码	刀片内切圆代码	厚度代码	刀片圆弧代码	形状代码	刀片切削刃长度	固定形式
T: 正三角形	3	2	2	T: 正三角形		
W: 等边不等角六边形	4	3	3	W: 等边不等角六边形		
S: 正四边形	5	4	4	S: 正四边形		
C: 80度菱形	6	5	5	C: 80度菱形		
D: 55度菱形	8		6	D: 55度菱形		
V: 35度菱形			8	V: 35度菱形		
R: 圆形				R: 圆形		

国际标准

2.国家标准表示准则:

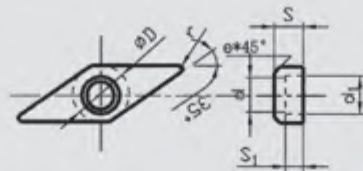
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d _i	S _i	e
ITSN-323	9.14	3.18	1.27	5.94	6.63	1.85	0.5
ITSN-333	9.14	4.76	1.27	5.94	6.63	3.43	0.5
ITSN-432	12.32	4.76	0.79	7.52	8.2	2.59	0.5
ITSN-433	12.32	4.76	1.27	7.52	8.2	2.59	0.5
ITSN-534	15.49	4.76	1.57	9.86	10.72	2.59	0.5
ITSN-538	15.49	4.76	3.18	9.86	10.72	2.59	0.5
ITSN-636	18.67	4.76	2.39	11.43	12.29	2.59	0.5

Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d _i	S _i	e
IWSN-322	9.14	3.18	0.8	5.94	6.63	1.85	0.5
IWSN-433	12.32	4.76	1.19	7.52	8.2	2.59	0.5

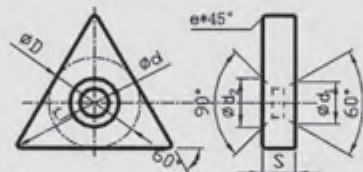
Type型号	Dimension(mm)基本尺寸						
	S_0	S	r	d	d_1	S_1	e
ISSN-322	3.18	3.18	0.8	5.94	6.63	1.85	0.5
ISSN-332	4.76	4.76	0.8	5.94	6.63	3.43	0.5
ISSN-432	4.76	4.76	0.79	7.52	8.2	2.59	0.5
ISSN-433	4.76	4.76	1.27	7.52	8.2	2.59	0.5
ISSN-533	4.76	4.76	1.27	9.86	10.97	2.59	0.5
ISSN-633	4.76	4.76	1.57	11.43	12.29	2.59	0.5
ISSN-846	6.35	6.35	2.4	14.66	15.88	2.72	0.5

Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d _i	S _i	e
ICSN-322	9.14	4.76	0.8	5.94	6.63	3.43	0.5
SM-303	12.32	4.76	0.79	6.76	9.14	2.49	0.5
ICSN-433	12.32	4.76	1.27	7.52	8.2	2.59	0.5
ICSN-443	12.32	5.3	1.27	7.52	8.2	3.05	0.5
ICSN-533	15.49	4.76	1.27	9.86	10.97	2.59	0.5
SM-304	18.67	4.76	1.27	8.48	11.71	2.49	0.5
ICSN-633	18.67	4.76	1.27	11.43	12.09	2.59	0.5
SCN-64	18.7	4.76	1.6	9.4	10.8	2.4	0.5

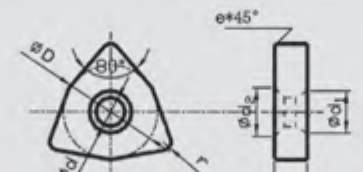
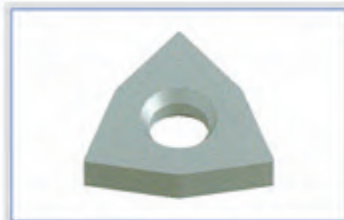
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d _i	S _i	e
IDSN-322	9.14	3.18	0.8	5.94	6.63	1.85	0.5
IDSN-433	12.32	4.76	1.27	7.52	8.2	2.59	0.5
IDSN-533	15.49	4.76	1.27	9.86	10.97	2.59	0.5



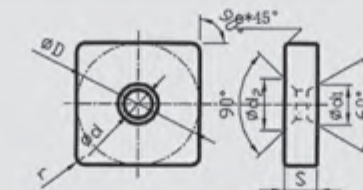
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	S ₁	e
IVSN-322	9.14	3.18	0.79	5.94	6.63	1.85	0.5
SM-310	9.14	3.18	0.79	5.41	7.11	1.78	0.5
IVSN-433	12.32	4.76	1.57	7.52	8.2	2.59	0.5



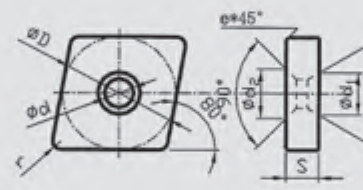
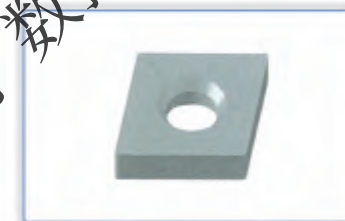
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	S ₁	e
T16A	8.53	3.18	0.4	4.6	5.6	6.6	0.5
T22A	11.7	3.18	0.8	6.1	7.3	8.5	0.5
T27A	14.88	4.76	1.2	7.1	8.5	10	0.2



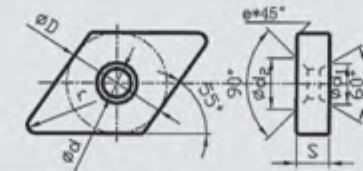
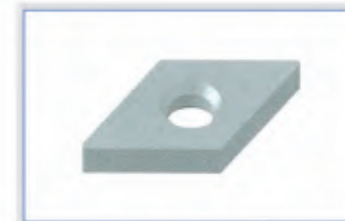
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	S ₁	e
W08A	11.7	3.18	0.8	6.1	7.3	8.5	0.2
W10A	14.88	3.18	1.2	7.1	8.5	10	0.5
W13A	18.05	6.35	1.6	8.7	10.3	11.5	0.2



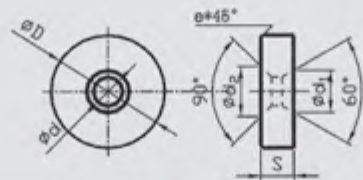
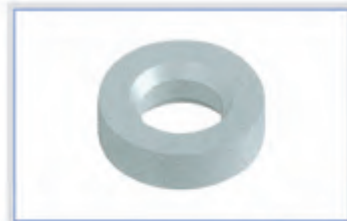
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	S ₁	e
S09A	8.53	3.18	0.4	4.6	5.6	6.6	0.2
S12A	11.7	3.18	0.8	6.1	7.3	8.5	0.2
S15A	14.88	4.76	1.2	7.1	8.5	10	0.2
S19A	18.05	6.35	1.6	8.7	10.3	11.5	0.2
S22A	21.23	6.35	1.6	8.7	10.3	11.5	0.2
S25A	24.4	6.35	2.4	10.1	12	13	0.2



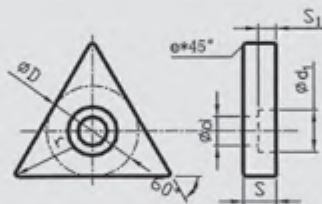
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	d ₂	e
C12A	11.7	3.18	0.8	6.1	7.3	8.5	0.2
C16A	14.88	4.76	1.2	7.1	8.5	10	0.2
C19A	18.05	6.35	1.6	8.7	10.3	11.5	0.2



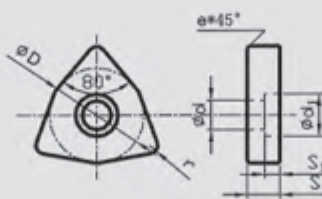
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	d ₂	e
D15TA	11.7	3.18	1.2	6.1	7.3	8.5	0.2
D15A	11.7	4.76	1.2	6.1	7.3	8.5	0.2
D19A	14.88	4.76	1.2	7.1	8.5	10	0.2



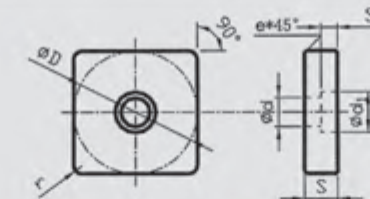
Type型号	Dimension(mm)基本尺寸					
	D	S	d	d ₁	d ₂	e
R10A	9	3.18	4.6	5.6	6.6	0.2
R12A	11	3.18	6.1	7.3	8.5	0.2
R16A	15	4.76	7.1	8.5	10	0.2
R20A	19	6.35	8.7	10.3	11.5	0.2
R22A	21	6.35	8.7	10.3	11.5	0.2
R25A	24	6.35	10.1	12	13	0.2



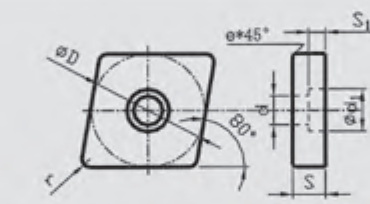
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	d ₂	e
T16B	8.53	3.18	0.4	5.6	7	1.5	0.2
T22B	11.7	3.18	0.8	6.6	8	1.5	0.2
T27B	14.88	4.76	1.2	7.6	9	2	0.2



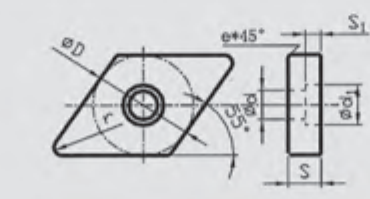
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	S ₁	e
W8B	11.7	3.18	0.8	6.6	8	1.5	0.2
W10B	14.88	4.76	1.2	7.6	9	1.5	0.2
W13B	18.05	6.35	1.6	8.6	10	2	0.2



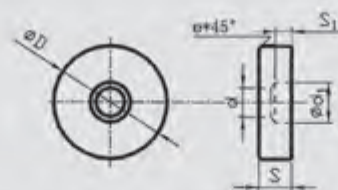
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	S ₁	e
S09B	8.53	3.18	0.4	5.6	7	1.5	0.2
S12B	11.7	3.18	0.8	6.6	8	1.5	0.2
S15B	14.88	4.76	1.2	7.6	9	2	0.2
S19B	18.05	6.35	1.6	8.6	10	2	0.2
S22B	21.23	7.93	1.6	9.6	11	2.5	0.2
S25B	24.4	7.93	2.4	9.6	11	2.5	0.2



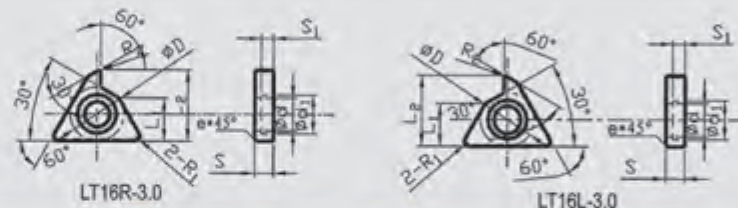
Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	S ₁	e
C12B	11.7	3.18	0.8	6.6	8	1.5	0.2
C16B	14.88	4.76	1.2	7.6	9	2	0.2
C19B	18.05	6.35	1.6	8.6	10	2	0.2



Type型号	Dimension(mm)基本尺寸						
	D	S	r	d	d ₁	d ₂	e
D15TB	11.7	3.18	1.2	6.6	8.0	1.5	0.2
D15B	11.7	4.76	1.2	6.6	8.0	1.5	0.2
D19B	14.88	4.76	1.2	7.6	9.0	2	0.2



Type型号	Dimension(mm)基本尺寸					
	D	S	d	d ₁	d ₂	e
R09B	9.4	4.76	4.6	5.8	2	0.2
R12B	12.5	4.76	6.1	7.4	2	0.2



Type型号	Dimension(mm)基本尺寸								
	D	S	d	d ₁	R ₁	R ₂	L ₁	L ₂	e
LT16R/L-3.0	9.13	3.18	5.55	6.6	0.8	0.1	7.29	12.05	0.3



Type型号	Dimension(mm)基本尺寸							
	D	S	d	R ₁	R ₂	L ₁	L ₂	e
J-STM1603	8.48	3.18	4.1	0.5	0.2	5.32	6.11	0.2
J-STM2203	11.65	3.18	5.1	0.5	0.2	7.3	8.74	0.2

本公司建立了完善的质量保证体系,既可以为从事黑色金属、有色金属和非金属切削加工的用户提供各种高性能的机夹刀片、焊接刀片、高精度涂层刀片等符合国家标准、国际标准的各类硬质合金标准刀片,也可按照用户的图纸要求定制各种非标准的硬质合金刀片和耐磨零件;既可以为用户提供国内外广泛使用的P类、M类和K类材质(牌号)的硬质合金材料,也可针对用户的特殊要求开发新材料(牌号)的硬质合金材料。

欢迎用户使用西顿牌产品,欢迎经销或代理西顿牌产品。

产品销售流程:

1. 用户明确产品需求,如标准产品时请给出牌号、型号;需求非标准产品时请给出产品材质、形状图纸和特别要求;
2. 用户明确批数、交货期、运输方式;
3. 用户明确联系人、联系方式、联系地址等沟通信息;
4. 根据用户的上述需求和信息用电话、传真或电子邮件告知我们,并询价;
5. 西顿硬质合金有限公司业务员回复电话、传真或电子邮件给出报价、交货期、付款方式等基本业务信息;
6. 用户书面确认或继续讨论交流后再书面确认所需求产品的最终单价、批数、交货期和付款条件;必要时,双方签署正式供货合同或协议,以使订单正式生效;
7. 用户按合同约定付款,提供税号等开票资料;
8. 公司按合同确定的交货期供货、发运、结算、开票。长期使用我公司产品的直接用户,长期代理或经销我公司产品的合作伙伴,经双方签署协议后,可享受我公司的特别优惠。

Our company has established complete QA system; we can provide not only all kinds of high quality standard cemented carbide products such as machine-clamped inserts, brazing inserts and high accuracy coated inserts for clients who are engaged in machining of ferrous metals, non-ferrous metals and nonmetals; but also various non-standard cutting tools and hard wearing parts according to customers' requirements. We can produce not only extensive used cemented carbide materials like P type, M type and K type, but also new types to satisfy users special needs.

Welcome to use 'Santon' brand products.

Welcome to distribute or sell 'Santon' brand products on commission basis.

Welcome to contact us.

The flow of goods sold

1. User gives clear requirements of products. (Please give the type and model number of standard products; or materials, shape, design papers and special requirements of non-standard products).
2. User gives batch quantity, time of delivery and type of conveyance clearly.
3. Provide contact information about the user, such as contact methods, address, etc.
4. Please tell us those requirements and information above, and order inquiry. Our contact number: 86-28-85739369 86-28-85730183 Fax: 86-28-85739559 Emails: shaoyu58@126.com or santon@santoncc.com
5. Staff of Santon cemented carbide Co., Ltd. reply to calls, fax or emails to give some basic business information such as quoted price, time of delivery and type of payment.
6. User confirms in writing, or continues then verifies the final price, batch quantity, time of delivery and payment terms in writing. When necessary, both parties sign a formal delivery contract of agreement, so as to make the order effective.
7. User makes the payment on contract, provides relative information to make out an invoice, such as the tax file number.
8. Santon supplies goods, ships goods, settles up the bills and makes out the invoice at the dates settled on contract.

After signing agreements, we offer special discount to our long-term and users, long-term agents or distributors.

Santon cemented carbide Co., Ltd declares:
The price of our products may not be the lowest,
But the cost performance of our products is the best!
We pay the same attention to the selling price as our clients, but we pay more attention to the quality of our products.

安全事项

硬质合金产品,硬而且脆,搬运或装夹不当容易造成产品的损坏,请正确安装。

加工过程中也有可能会产生切屑飞溅,且经常使用冷却液,所以请在加工过程中采取必要的安全措施,比如使用通风设备,配备设备防护罩,戴护目镜,穿工作服等。经过刃磨的刀片,刀刃比较锋利,装夹时请注意保护好手。

SECURITY

Hardmetals have the feature of high hardness but brittleness on the other side. Therefore, it will be cracked by strong impact or clamping too fast.

Advice to use necessary means to reduce damage for sputtering the chip breaker and coolant liquid. For example choose exhaust ventilated equipment, use the machine shield, eyeglasses, work clothes and so on. Please notice to protect hand when clamping for the edge after grinding.

成都西顿硬质合金有限公司郑重承诺:

我们的产品售价不是最低的,但我们的产品性价比是最高的。我们像用户一样重视售价,但我们更重视产品品质。

