

宁波三韩合金材料有限公司
NINGBO SANDHOG ALLOY MATERIAL CO.,LTD.



宁波三韩精密刀具制造有限公司
NINGBO SANDHOG PRECISION TOOLS MANUFACTURE CO.,LTD.

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NINGBO SANDHOG ALLOY MATERIAL CO.,LTD.

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代理商 AGENT



三韩刀具

SANDHOG TOOLS

车削刀具
Cutting tool holder
A

硬质合金刀片
Carbide insert
B

铣削刀具
Milling tool holder
C

钻削刀具
Drilling tool holder
D

硬质合金刀具
Carbide tool
E



TOOLS



公司简介 Company Profile

公司成立于2004年，经过十多年的发展，现已成为一家集生产和销售的工贸一体化企业。它隶属于宁波三韩精密工具制造有限公司，宁波三韩合金材料有限公司是一家股份制高科技企业，在全国设有10余个直销网点。公司目前是中国一家专业生产数控车刀和螺纹刀片的民营制造企业。其生产规模、产品质量、管理体系、品牌知名度均居国内行业前列；同时，公司还是中国机床总公司的成员单位，与国内机床行业保持着密切的技术交流与合作，努力为中国制造业提供更多更好的刀具。

公司人员方面，现有数控刀架及刀片研发工程师10人，专业售后服务工程师20余人，一线生产员工100余人，直销网点销售及相关服务人员60余人；在三韩工厂的生产方面，目前有9条先进的数控生产线，配备了精密检测仪器的检测中心，使用了计算机ERP网络管理系统，并实施了数字化生产管理模式。刀具生产采用国内独创的标准化工艺，大规模专业生产外圆、内孔、螺纹、切槽等数控车刀和刀片，以及一系列钻、铣、镗等加工中心刀具。

我们已经获得了数十项发明和实用新型专利，并成功地将其中许多应用于实际生产领域。公司还非常重视生产和测试设备的投资。目前拥有国内第一条数控车刀自动化生产线，可24小时不间断生产高品质数控车刀。公司还拥有100多台数控磨床、40多台数控加工中心、20多台数控车床和铣床，有效地保证了三韩刀具的批量化生产。

精益求精
精确成就一切

Finish machine craft &
Tech accuracy fulfills all.



The company was established in 2004, and after more than 10 years of development, Now it has become an integrated industry and trade enterprise that integrates production and sales. It is under the jurisdiction of Ningbo Sanhan Precision Tool Manufacturing Co., Ltd. Ningbo Sanhan Alloy Materials Co., Ltd is a joint-stock high-tech enterprise with more than 10 direct sales outlets across the country. The company is currently a private manufacturing enterprise specializing in the production of CNC turning tools and thread blades in China. Its production scale, product quality, management system, total sales volume, and brand awareness all rank among the top in the domestic industry;

At the same time, the company is also a member unit of China National Machine Tool Corporation, and has maintained close technical exchanges and cooperation with the domestic machine tool industry, striving to provide more and better cutting tools for the Chinese manufacturing industry.

In terms of company personnel, there are currently 10 CNC tool holder and insert R&D engineers, more than 20 professional after-sales service engineers, more than 100 front-line production employees, and more than 60 sales and related service personnel in direct sales outlets; In terms of production at the Sanhan factory, there are currently 9 advanced CNC production lines, equipped with testing centers equipped with precision inspection instruments, using a computer ERP network management system, and implementing a digital production management mode.

The production of cutting tools adopts domestic original standardized processes, and large-scale professional production of CNC turning tools such as turning tool holders, boring bars, threading tool holders and grooving tool holders, as well as a series of drilling, milling, and boring machining center cutting tools and high quality carbide inserts. We have obtained dozens of invention and utility model patents and successfully applied many of them actual production field. The company also attaches great importance to investment in production and testing equipment. It currently has the first automated production line for CNC turning tools in China, which can produce high-quality CNC turning tools without interruption 24 hours a day. The company also has more than 100 CNC grinding machines, more than 40 CNC machining centers, and more than 20 CNC lathes and milling machines, effectively ensuring the mass production of Sandhog cutting tools.





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A

外圆车刀系列 Turning tool holder

外圆车刀型号编码说明

External tool holder code system

P	S	K	N	R	25	25	—	M	12
1	2	3	4	5	6	7		8	9

1 刀片夹紧方式 Clamping method of inserts

无孔上压式夹紧 Top Clamping Without Hole	顶部与孔双重夹紧 Top and hole clamping	顶部与销孔双重夹紧 Top and hole clamping	顶部与销孔双重夹紧 Top and hole clamping	孔杆压紧 Hole clamping	螺丝拧紧 Screw	顶部与销孔双重夹紧 Top and hole clamping
C	A	B	M	P	S	W

2 刀片形状 Insert Shape

C	D	E	K	L	R	S	T	V	W

3 刀杆类型 Holder Style

B	D	E	F	G	J	K
L	N	R	S	T	V	Y

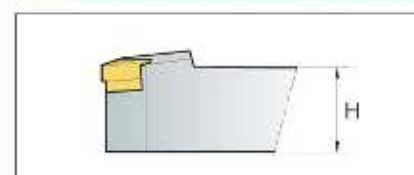
4 刀片后角 Clearance angle of Inserts

B	C	D	E	F	N	P

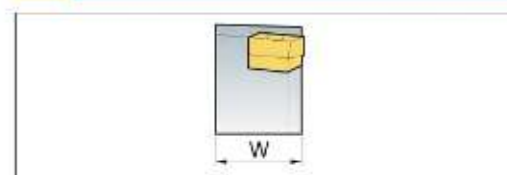
5 刀杆方向 Hand of tool

L	N	R

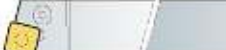
6 刀杆高度 Height of shank



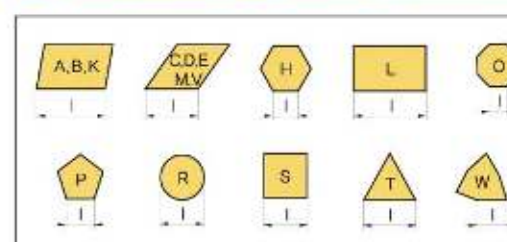
7 刀杆宽度 Width of shank



8 刀杆长度 Length of holder

	A - 32	H - 100	Q - 180	X-Special Item
	B - 40	J - 110	R - 200	
	C - 50	K - 125	S - 250	
	D - 60	L - 140	T - 300	
	E - 70	M - 150	U - 350	
	F - 80	N - 160	V - 400	
	G - 90	P - 170	W - 450	

9 切削刃长度 Length of insert cutting edge



B

内孔车刀系列 Boring bar

内孔车刀型号编码说明

Boring bar code system

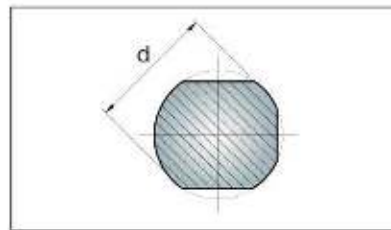
S	12	M	-	S	T	F	P	R	-	11
1	2	3		4	5	6	7	8		9

1 刀杆类型 Type of bar

"A" 内冷孔钢刀杆
"E" 硬质合金杆、钢制刀头、内冷孔
"C" 硬质合金杆
"S" 钢刀杆
"X" 特殊刀杆

"A" Steel with coolant hole
"E" Carbide bar with fixed steel head and coolant hole
"C" Carbide shank
"S" Steel shank
"X" Special type

2 刀杆直径 Bar diameter



3 刀杆长度 Bar length

长度 Length(L)	(mm)
H	100
J	110
K	125
M	150
N	160
Q	180
R	200
S	250
T	300
U	350
V	400
W	450
Y	500

4 刀片夹紧方式 Method of mounting insert

C	A
M	P
S	W

5 刀片形状 Insert shape



6 刀杆偏角 Lead angle of boring bar

L	F	U
K	Q	Z
J	W	

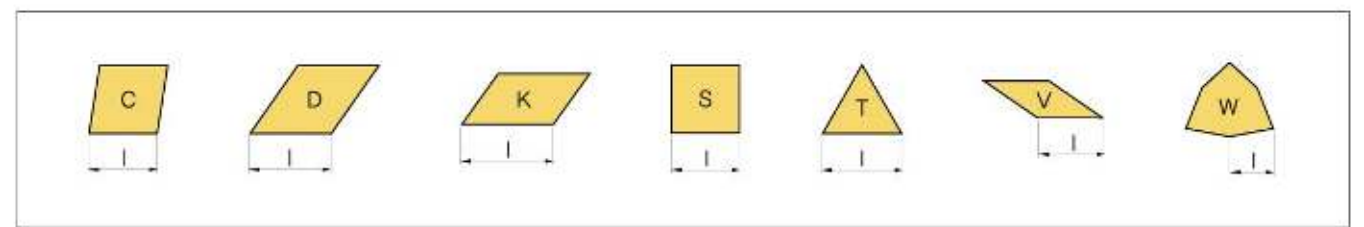
7 刀片后角 Relief angle of insert

B	C
N	P

8 刀杆方向 Hand of bar

R	L

9 切削刃长度 Length of cutting edge





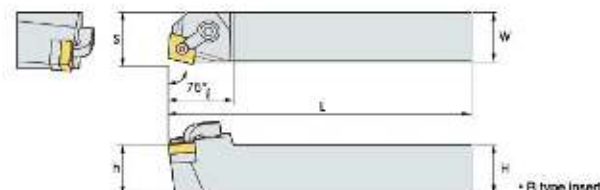
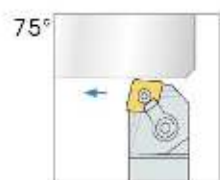
A 外圆车刀系列
Turning tool holder

M



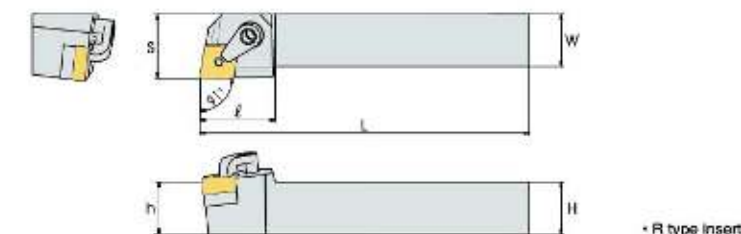
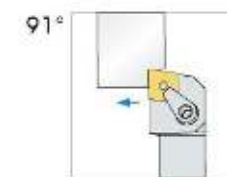
外圆车刀杆 Turning tool holder

>>> MCBNR/L



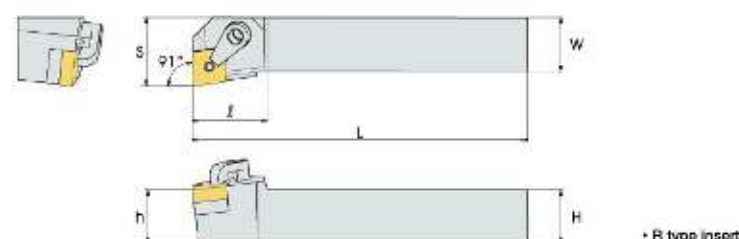
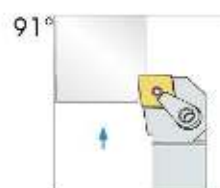
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	R	L	H	W	L	l	h	s						
MCBNR/L 2020K12	●	●	20	20	125	32	20	20.7	CN□□1204□□	MC1204	CTM617	HL1814	ML0625	12.5, 13.0
2525M12	●	●	25	25	150	32	25	25.2						
3232P12	●	●	32	32	170	32	32	30.8						
3232P16	●	●	32	32	170	40	32	31.9						
3232P19	●	●	32	32	170	40	32	32.7						

>>> MCGNR/L



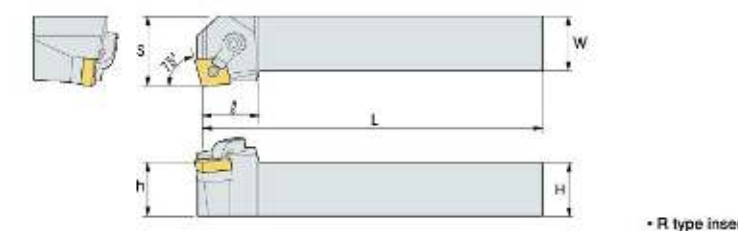
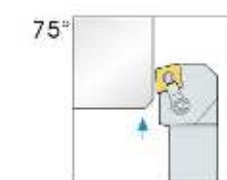
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	R	L	H	W	L	l	h	s						
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2525M12	●	●	25	25	150	30	25	32						
3232P12	●	●	32	32	170	30	32	40						
3232P16	●	●	32	32	170	36	32	40						
3232P19	●	●	32	32	170	38	32	40						

>>> MCFNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	h	s						
MCFNR/L 2020K12	●	●	20	20	125	28	20	25.5	CN□□1204□□	MC1204	CTM617	HL1814	ML0625	12.5, 13.0
2525M12	●	●	25	25	150	30	25	32						
3232P12	●	●	32	32	170	30	32	40						

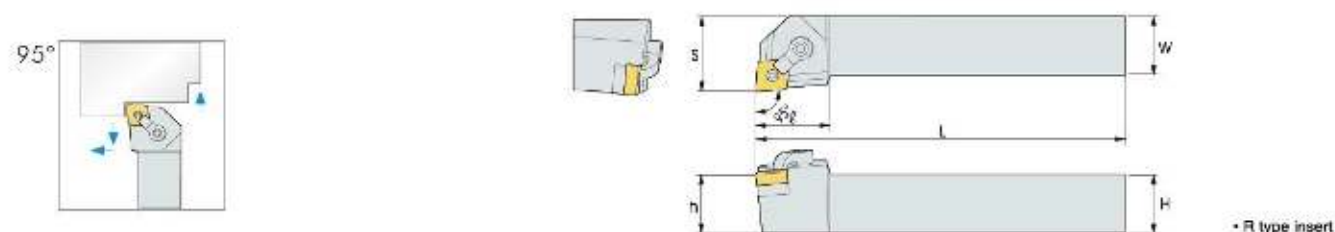
>>> MCKNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	h	s						
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2525M12	●	●	25	25	150	28	25	32						
3232P12	●	●	32	32	170	35	32	40						
3232P16	●	●	32	32	170	35	32	40	CN□□1606□□	MC1604	CTM822	HL2217	ML0830	13.0, 14.0
3232P19	●	●	32	32	170	38	32	40						

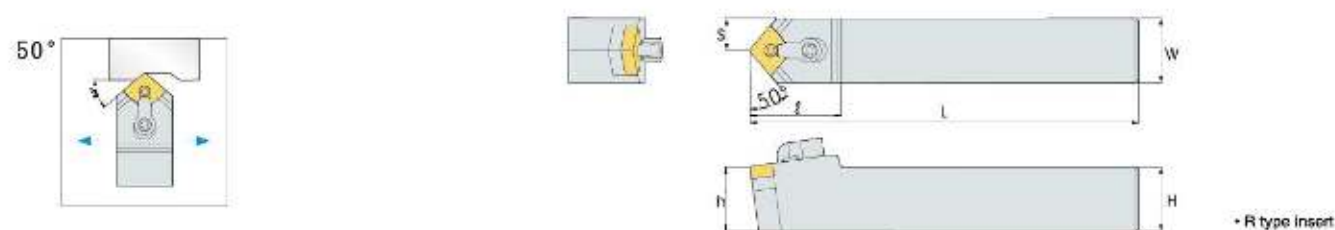
外圆车刀杆 Turning tool holder

>>> MCLNR/L



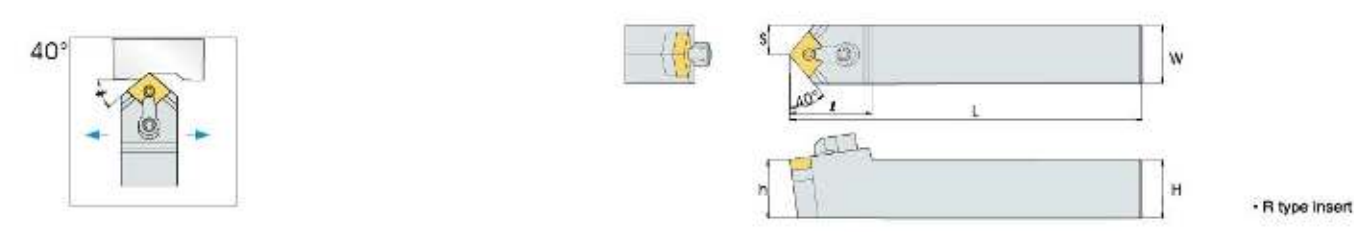
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	R	L	H	W	L	ℓ	h	s						
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2525M12	●	●	25	25	150	32	25	32						
3232P12	●	●	32	32	170	32	32	40						
2525M16	●	●	25	25	150	34	25	32	CN□□1606□□	MC1604	CTM822	HL2217	ML0830	L3.0, L4.0
3232P16	●	●	32	32	170	34	32	40						
3232P19	●	●	32	32	170	38	32	40	CN□□1906□□	MC1904	CTM1022	HL2217	ML0830	L3.0, L4.0
4040R19	●	●	40	40	200	38	40	50						

>>> MCMNN



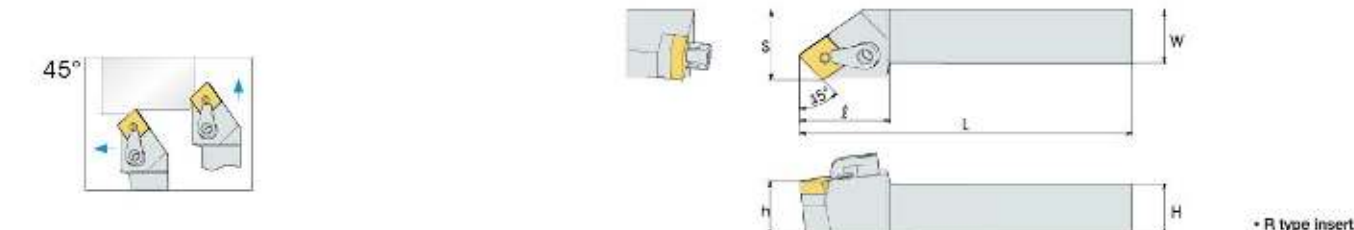
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2525M12	●	●	25	25	150	35	25	12.5						
3232P12	●	●	32	32	170	38	32	16						
2525M16	●	●	25	25	150	42	25	12.5	CN□□1606□□	MC1604	CTM822	HL2217	ML0830	L3.0, L4.0

>>> MCMNN-100



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MCMNN 2020K12-100	●	●	20	20	125	35	20	10	CN□□1204□□	MC1204	CTM617	HL1814	ML0625	L2.5, L3.0
2525M12-100	●	●	25	25	150	35	25	12.5						
3232P12-100	●	●	32	32	170	35	32	16						
2525M16-100	●	●	25	25	150	43	25	12.5	CN□□1606□□	MC1604	CTM822	HL2217	ML0830	L3.0, L4.0
3232P16-100	●	●	32	32	170	45	32	16						

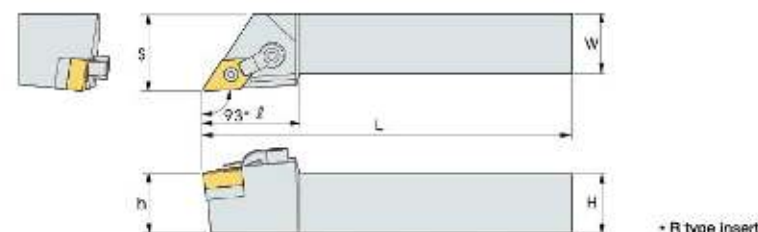
>>> MCSNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
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2525M12	●	●	25	25	150	35	25	32						
3232P12	●	●	32	32	170	35	32	40						
3232P19	●	●	32	32	170	36	32	40	CN□□1906□□	MC1904	CTM1022	HL2217	ML0830	L4.0

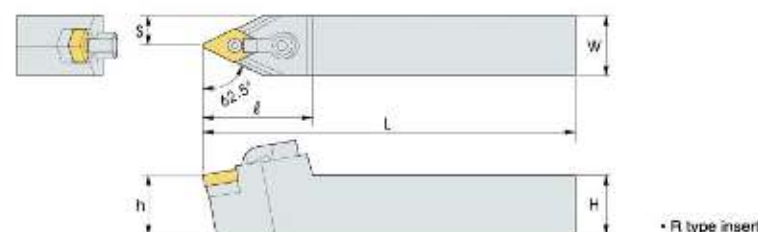
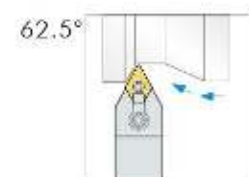
外圆车刀杆 Turning tool holder

>>> MDJNR/L



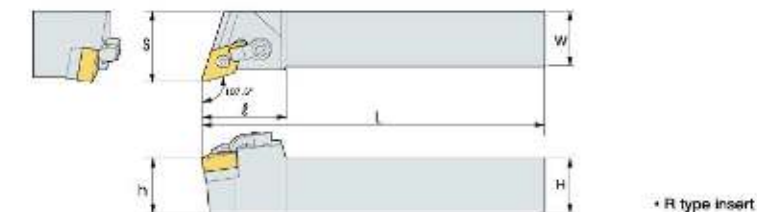
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	R	L	H	W	L	ℓ	h	s						
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2525M15	●	●	25	25	150	38	25	32						
3232P15	●	●	32	32	170	40	32	40						
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>>> MDPNN



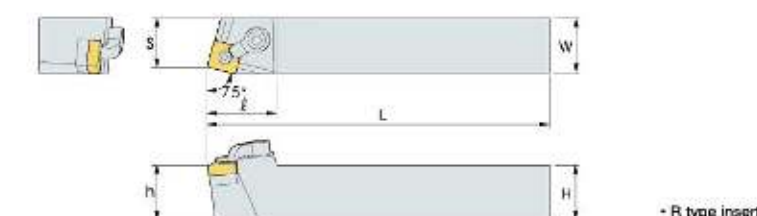
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
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MDPNN 1616H11	●	●	16	16	100	38	16	8	DN□□1104□□	MD1103	CTM513	HL2114	ML0625	L2.0, L3.0
2020K11	●	●	20	20	125	38	20	10						
2020K15	●	●	20	20	125	43	20	10	DN□□1504□□ DN□□1506□□	MD1504 MD1506	CTM619	HL2114	ML0625	L2.5, L3.0
2525M15	●	●	25	25	150	43	25	12.5						

>>> MDQNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
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2525M11	●	●	25	25	150	34	25	32						
2020K15	●	●	20	20	125	37	20	25	DN□□1504□□ DN□□1506□□	MD1504 MD1506	CTM619	HL2114	ML0625	L2.5, L3.0
2525M15	●	●	25	25	150	37	25	32						
3232P15	●	●	32	32	170	37	32	40						

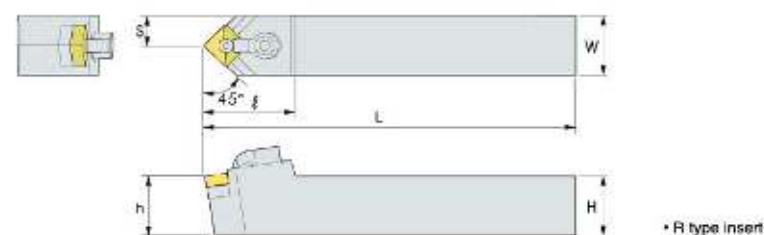
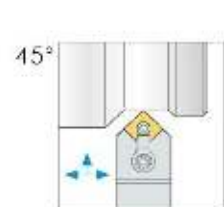
>>> MSBNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MSBNR/L 2020K12	●	●	20	20	125	32	20	17	SN□□1204□□	MS1204	CTM617	HL1814	ML0625	L2.5, L3.0
2525M12	●	●	25	25	150	32	25	22						
3232P12	●	●	32	32	170	35	32	29						
3232P19	●	●	32	32	170	42	32	27	SN□□1906□□	MS1904	CTM1022	HL2217	ML0830	L4.0
4040R19	●	●	40	40	200	42	40	35						

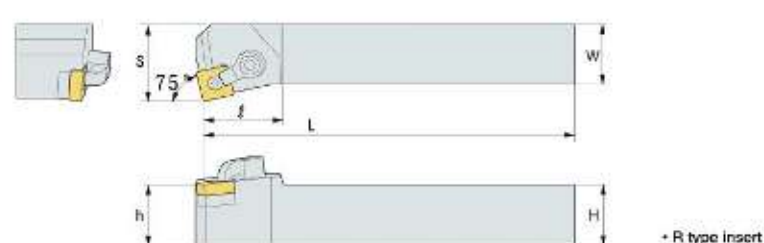
外圆车刀杆 Turning tool holder

>>> MSDNN



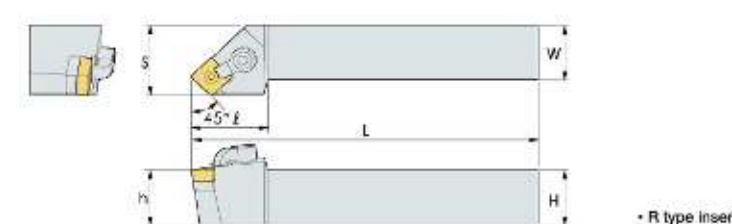
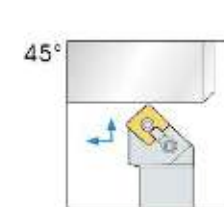
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MSDNN 1616H12	●		16	16	100	35	16	8	SN□□1204□□	MS1204	CTM617	HL1814	ML0625	L2.5, L3.0
2020K12	●		20	20	125	35	20	10						
2525M12	●		25	25	150	35	25	12.5						
3232P12	●		32	32	170	38	32	16						
2525M15	●		25	25	150	40	25	12.5	SN□□1506□□	MS1504	CTM822	HL2217	ML0830	L3.0, L4.0
3232P15	●		32	32	170	45	32	16						
3232P19	●		32	32	170	47	32	16	SN□□1906□□	MS1904	CTM1022	HL2217	ML0830	L4.0
4040R19	●		40	40	200	47	40	20						

>>> MSKNR/L



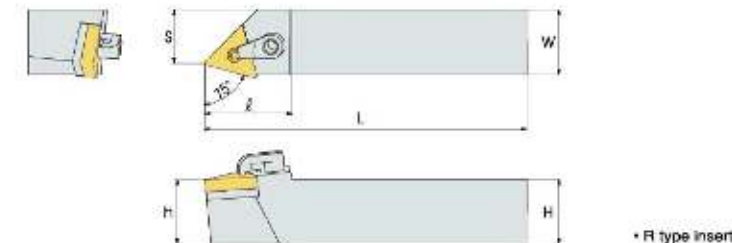
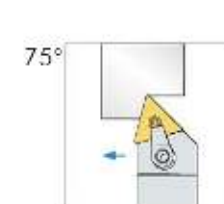
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MSKNR/L 2020K12	●	●	20	20	125	29	20	25	SN□□1204□□	MS1204	CTM617	HL1814	ML0625	L2.5, L3.0
2525M12	●	●	25	25	150	29	25	32						
2525M15	●	●	25	25	150	33	25	32	SN□□1506□□	MS1504	CTM822	HL2217	ML0830	L3.0, L4.0
3232P15	●	●	32	32	170	35	32	40						
3232P19	●	●	32	32	170	35	32	40	SN□□1906□□	MS1904	CTM1022	HL2217	ML0830	L4.0
4040R19	●	●	40	40	200	38	40	50						

>>> MSSNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MSSNR/L 2020K12	●	●	20	20	125	33	20	25	SN□□1204□□	MS1204	CTM617	HL1814	ML0625	L2.5, L3.0
2525M12	●	●	25	25	150	35	25	32						
3232P12	●	●	32	32	170	35	32	40						
2525M15	●	●	25	25	150	41	25	32						
3232P15	●	●	32	32	170	42	32	40	SN□□1506□□	MS1504	CTM822	HL2217	ML0830	L3.0, L4.0
3232P19	●	●	32	32	170	45	32	40						
4040R19	●	●	40	40	200	45	40	50	SN□□1906□□	MS1904	CTM1022	HL2217	ML0830	L4.0

>>> MTBNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MTBNR/L 2020K12	●	●	20	20	125	34	20	15.5	IN□□1604□□	MT1603	CTM513	HL1814	ML0625	L2.0, L3.0
2525M16	●	●	25	25	150	34	25	20.5						

A 车削刀具
Turning tool holder

B 硬质合金刀片
Carbide insert

C 铣削刀具
Milling tool holder

D 钻削刀具
Drill tool holder

E 硬质合金刀具
Carbide tools

A 车削刀具
Turning tool holder

B 硬质合金刀片
Carbide insert

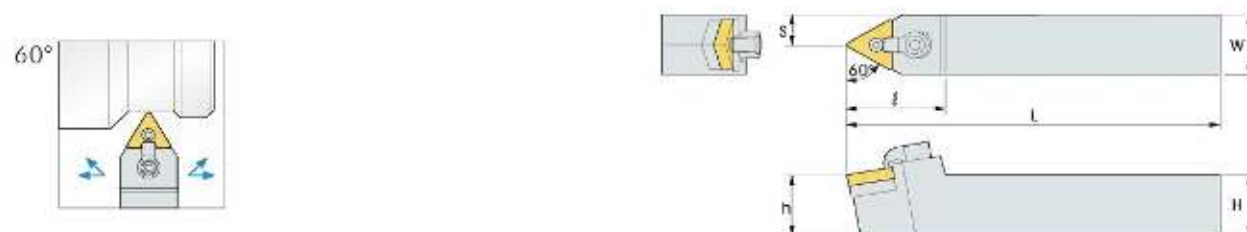
C 铣削刀具
Milling tool holder

D 钻削刀具
Drill tool holder

E 硬质合金刀具
Carbide tools

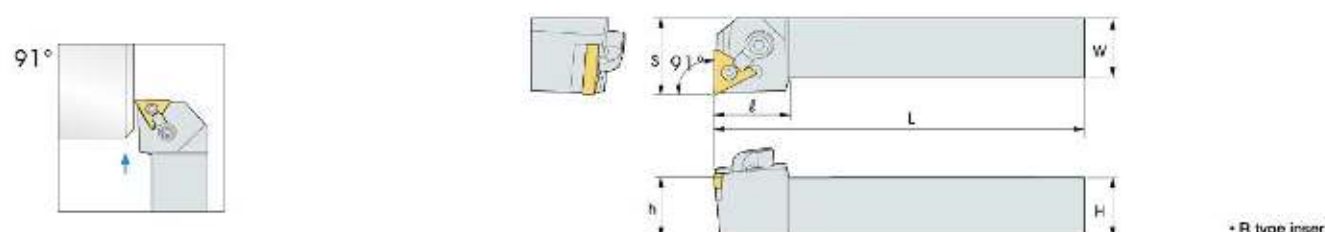
外圆车刀杆 Turning tool holder

>>> MTENN



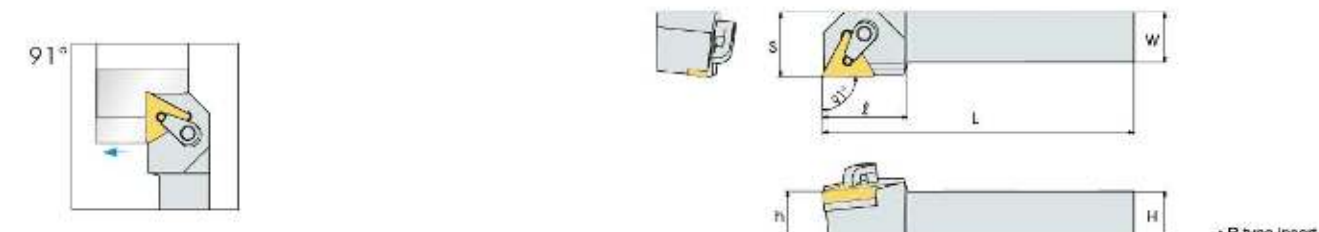
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MTENN 1616H16	●		16	16	100	34	16	8	TN□□1604□□	MT1603	CTM513	HL1814	ML0625	L2.0, L3.0
2020K16	●		20	20	125	34	20	10						
2525M16	●		25	25	150	34	25	12.5						
3232P16	●		32	32	170	34	32	16						
2525M22	●		25	25	150	38	25	12.5	TN□□2204□□	MT2204	CTM617	HL1917	ML0830	L2.5, L4.0
3232P22	●		32	32	170	40	32	16						

>>> MTFNR/L



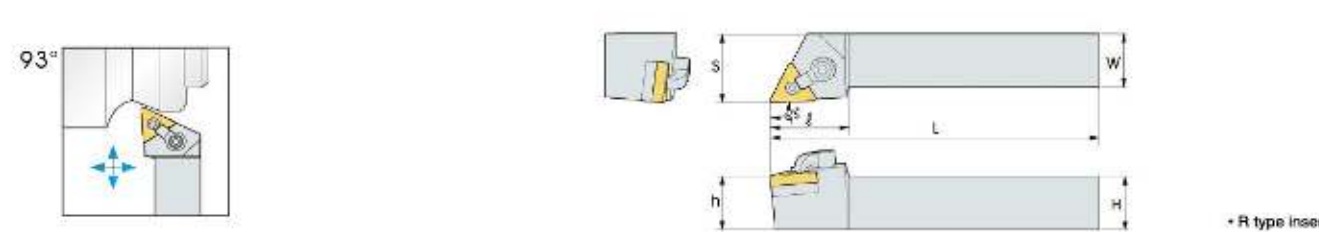
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MTFNR/L 1616H16	●	●	16	16	100	29	16	20	TN□□1604□□	MT1603	CTM513	HL1814	ML0625	L2.0, L3.0
2020K16	●	●	20	20	125	29	20	25						
2525M16	●	●	25	25	150	30	25	32						
3232P16	●	●	32	32	170	32	32	40						
2525M22	●	●	25	25	150	36	25	32	TN□□2204□□	MT2204	CTM617	HL1917	ML0830	L2.5, L4.0
3232P22	●	●	32	32	170	36	32	40						

>>> MTGNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MTGNR/L 1616H16	●	●	16	16	100	29	16	20	TN□□1604□□	MT1603	CTM513	HL1814	ML0625	L2.0, L3.0
2020K16	●	●	20	20	125	29	20	25						
2525M16	●	●	25	25	150	30	25	32						
2525M22	●	●	25	25	150	32	25	32						
3232P22	●	●	32	32	170	32	32	40	TN□□2204□□	MT2204	CTM617	HL2217	ML0830	L2.5, L4.0

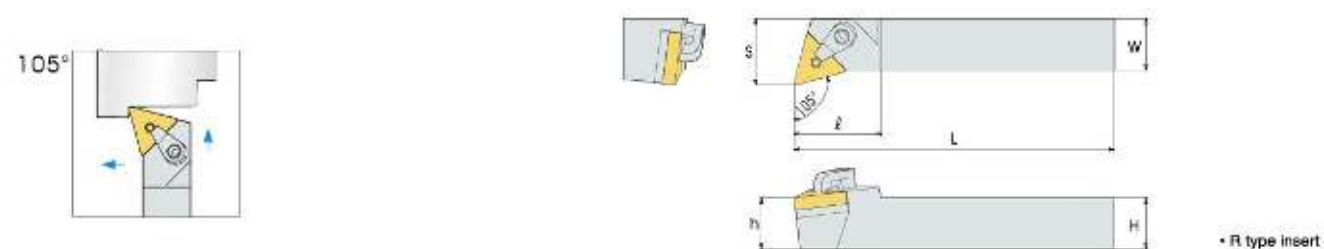
>>> MTJNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
MTJNR/L 1616H16	●	●	16	16	100	30	16	20	TN□□1604□□	MT1603	CTM513	HL1814	ML0625	L2.0, L3.0
2020K16	●	●	20	20	125	30	20	25						
2525M16	●	●	25	25	150	32	25	32						
3232P16	●	●	32	32	170	35	32	40						
2525M22	●	●	25	25	150	34	25	32	TN□□2204□□	MT2204	CTM617	HL1917	ML0830	L2.5, L4.0
3232P22	●	●	32	32	170	35	32	40						
4040R22	●	●	40	40	200	38	40	50	TN□□2204□□	MT2204	CTM617	HL1917	ML0830	L2.5, L4.0

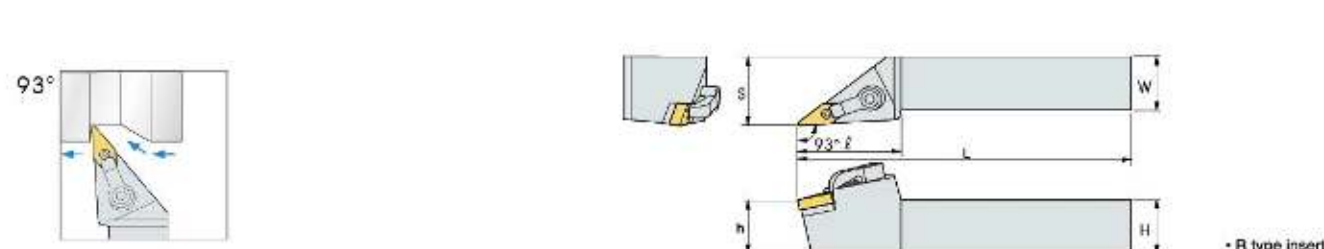
外圆车刀杆 Turning tool holder

>>> MTQNR/L



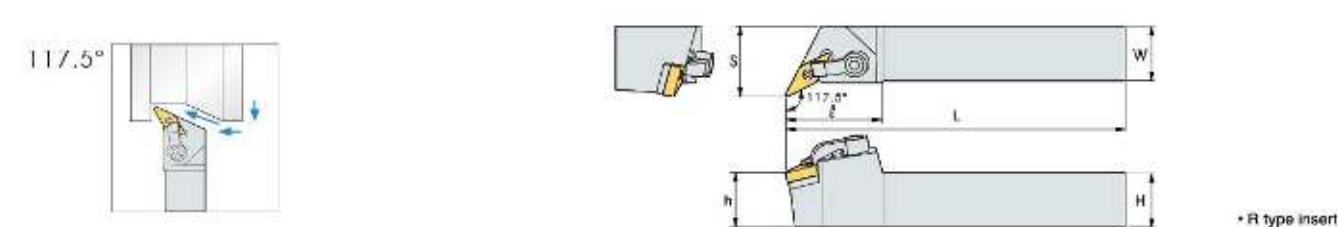
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	h	s						
MTQNR/L 1616H16	●	●	16	16	100	30	16	20	VN□□1604□□	MT1603	CTM513	HL1814	ML0625	L2.0, L3.0
2020K16	●	●	20	20	125	30	20	25						
2525M16	●	●	25	25	150	32	25	32						
3232P16	●	●	32	32	170	35	32	40						
2525M22	●	●	25	25	150	32	25	32	TN□□2204□□	MT2204	CTM617	HL1917	ML0830	L2.5, L4.0
3232P22	●	●	32	32	170	35	32	40						

>>> MVJNR/L



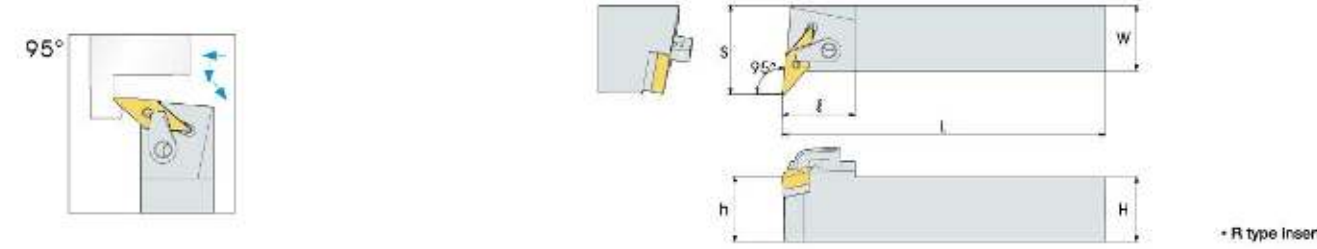
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	h	s						
MVJNR/L 1616K16	●	●	16	16	125	44	16	20	VN□□1604□□	MV1603	CTM513	HL2414	ML0625	L2.0, L3.0
2020K16	●	●	20	20	125	44	20	25						
2525M16	●	●	25	25	150	44	25	32						
3232P16	●	●	32	32	170	46	32	40						

>>> MVQNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	h	s						
MVQNR/L 2020K16	●	●	20	20	125	40	20	25	VN□□1604□□	MV1603	CTM513	HL2114	ML0625	L2.0, L3.0
2525M16	●	●	25	25	150	40	25	32						
3232P16	●	●	32	32	170	40	32	40						

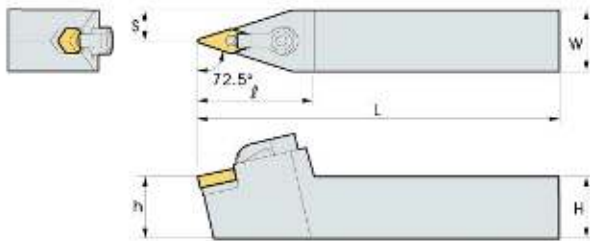
>>> MVUNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	h	s						
MVUNR/L 2020K16	●	●	20	20	125	30	20	29	VN□□1604□□	MV1603	CTM513	HL1814	ML0625	L2.0, L3.0
2525M16	●	●	25	25	150	30	25	34						

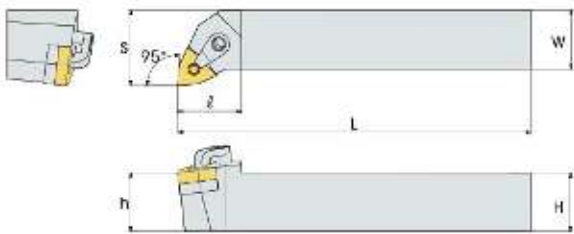
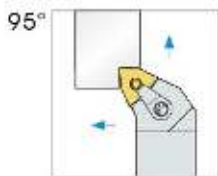
外圆车刀杆 Turning tool holder

>>> MVVNN



型号 Designation		库存 Stock		R 寸 Size						刀片 Insert	 刀片 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 扳手 Wrench
		R	L	H	W	L	l	h	s						
MVYNN	2020K16	●	●	20	20	125	46	20	10	VN□□1604□□	MV1603	CTM513	HI 2414	MI 0625	L2.0,L3.0
	2525M16	●	●	25	25	150	47	25	12.5						

>>> MWLNR/L



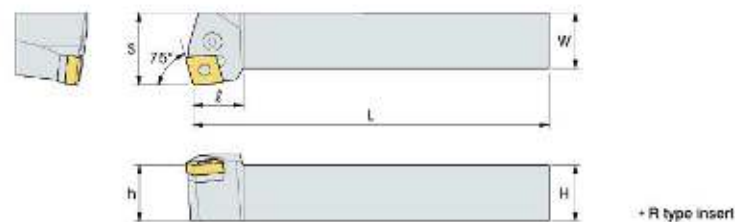
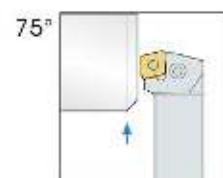
• R type insert

型号 Designation	库存 Stock		尺寸 Size							刀片 Insert	 刀片 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 扳手 Wrench
	R	L	H	W	L	l	h	s							
MWINR/L 1616H06	●	●	16	16	100	27	16	20	WN□□0604□□	MW0603	CTM513	HL1814	ML0625	L2.0,L3.0	
2020K06	●	●	20	20	125	27	20	25							
2525M06	●	●	25	25	150	27	25	32							
1616H08	●	●	16	16	100	27	16	20	WN□□0804□□	MW0804	CTM617	HL1814	ML0625	L2.5,L3.0	
2020K08	●	●	20	20	125	28	20	25							
2525M08	●	●	25	25	150	30	25	32							
3232P08	●	●	32	32	170	30	32	40							
4040R08	●	●	40	40	200	38	40	45							

A 外圆车刀系列
Turning tool holder P

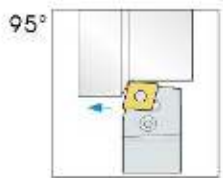


>>> PCKNR/L



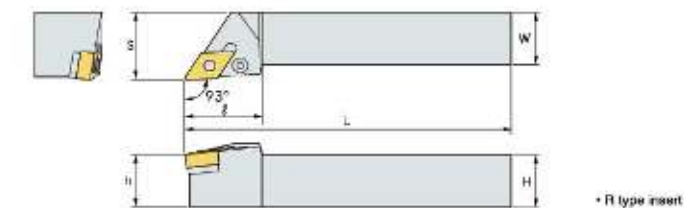
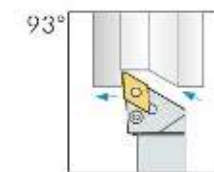
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PCKNR/L 1616H12	●	●	16	16	100	27	16	20	CN□□1204□□	SC42	LV4	VHX0821	SP4	L3.0
2020K12	●	●	20	20	125	27	20	25						
2525M12	●	●	25	25	150	30	25	32						
2525M16	●	●	25	25	150	33	25	32	CN□□1606□□	SC53	LV5	VHX0825	SP5	L3.0
3232P16	●	●	32	32	170	33	32	40						
3232P19	●	●	32	32	170	38	32	40	CN□□1906□□	SC63N	LV6	VHX1027	SP6	L4.0

>>> PCINR/L



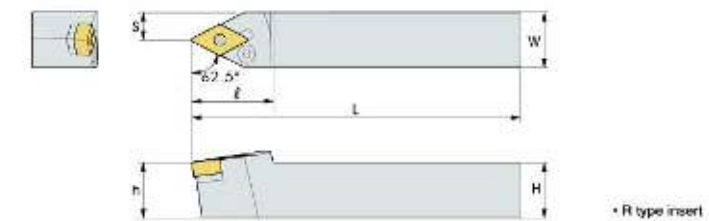
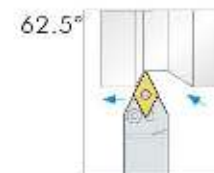
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PCINR/L 1616H12	●	●	16	16	100	28	16	20	CN□□1204□□	SC42	LV4	VHX0821	SP4	L3.0
2020K12	●	●	20	20	125	28	20	25						
2525M12	●	●	25	25	150	28	25	32						
3232P12	●	●	32	32	170	30	32	40	CN□□1606□□	SC53	LV5	VHX0825	SP5	L3.0
2525M16	●	●	25	25	150	34	25	32						
3232P16	●	●	32	32	170	34	32	40						
3232P19	●	●	32	32	170	38	32	40	CN□□1906□□	SC63N	LV6	VHX1027	SP6	L4.0
4040R19	●	●	40	40	200	38	40	50						

>>> PDJNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PDJNR/L 1616H11	●	●	16	16	100	26	16	20	DN□□1104□□	SD317	LV3	VHX0617	SP3	L2.5
2020K11	●	●	20	20	125	26	20	25						
2525M11	●	●	25	25	150	26	25	32						
2020K1504	●	●	20	20	125	36	20	25	DN□□1504□□	SD42	LV4	VHX0821	SP4	L3.0
2525M1504	●	●	25	25	150	36	25	32						
3232P1504	●	●	32	32	170	36	32	40	DN□□1506□□	SD42	LV4B	VHX0821	SP4	L3.0
2020K1506	●	●	20	20	125	36	20	25						
2525M1506	●	●	25	25	150	36	25	32						
3232P1506	●	●	32	32	170	36	32	40						

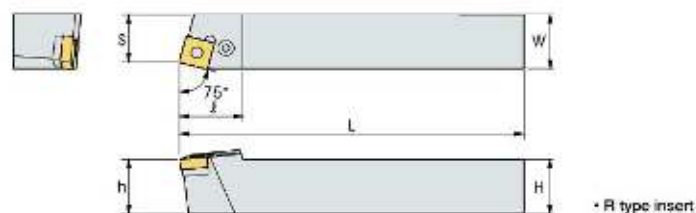
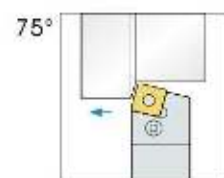
>>> PDNNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PDNNR/L 2020K1504	●	●	20	20	125	37	20	10	DN□□1504□□	SD42	LV3	VHX0821	SP4	L3.0
2525M1504	●	●	25	25	150	40	25	12.5						
2020K1506	●	●	20	20	125	37	20	10	DN□□1506□□	SD42	LV4B	VHX0821	SP4	L3.0
2525M1506	●	●	25	25	150	40	25	12.5						

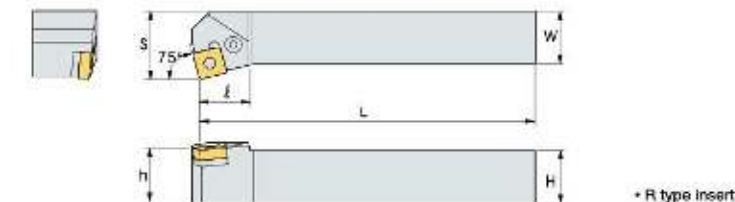
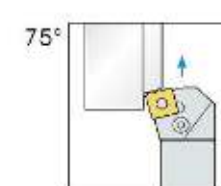
外圆车刀系列 Turning tool holder

>>> PSBNR/L



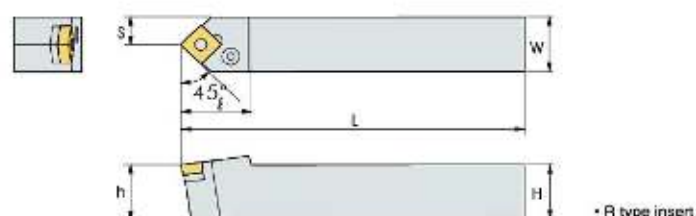
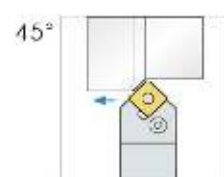
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PSBNR/L 2020K12	●	●	20	20	125	30	20	17	SN□□1204□□	SS42	LV4	VHX0821	SP4	L3.0
2525M12	●	●	25	25	150	30	25	22						
3232P12	●	●	32	32	170	42	32	27						

>>> PSKNR/L



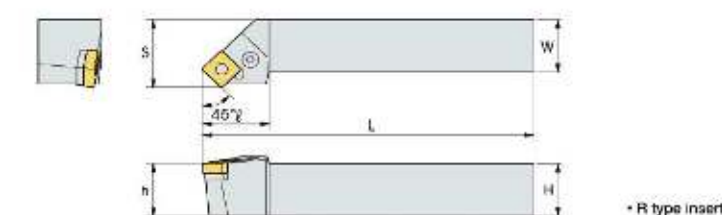
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PSKNR/L 2020K12	●	●	20	20	125	29	20	25	SN□□1204□□	SS42	LV4	VHX0821	SP4	L3.0
2525M12	●	●	25	25	150	29	25	32						
3232P12	●	●	32	32	170	29	32	40						

>>> PSDNN



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PSDNN 2020K12	●	●	20	20	125	32	20	10	SN□□1204□□	SS42	LV4	VHX0821	SP4	L3.0
2525M12	●	●	25	25	150	32	25	12.5						
3232P12	●	●	32	32	170	35	32	16						

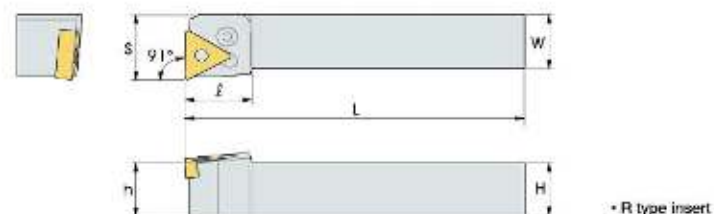
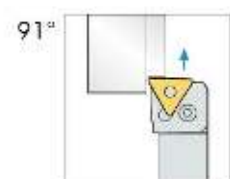
>>> PSSNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	l	h	s						
PSSNR/L 2020K12	●	●	20	20	125	32	20	25	SN□□1204□□	SS42	LV4	VHX0821	SP4	L3.0
2525M12	●	●	25	25	150	34	25	32						
3232P12	●	●	32	32	170	34	32	40						
2525M15	●	●	25	25	150	36	25	32	SN□□1506□□	SS53	LV5	VHX0825	SP5	L3.0
3232P15	●	●	32	32	170	36	32	40						
3232P19	●	●	32	32	170	43	32	40	SN□□1906□□	SS63	LV6	VHX1027	SP6	L4.0

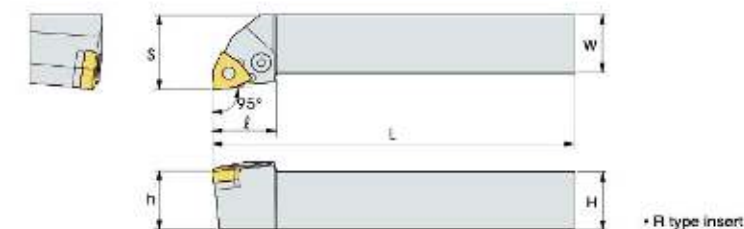
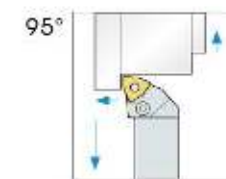
外圆车刀系列 Turning tool holder

>>> PTFNR/L



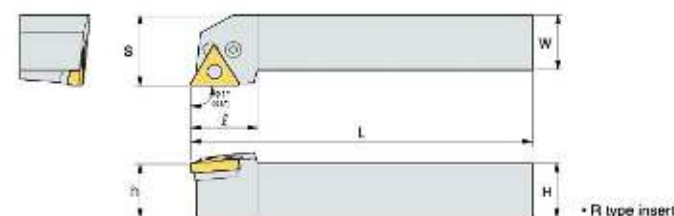
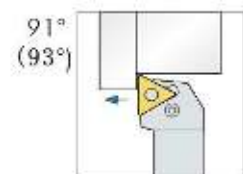
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
PTFNR/L 1616H16	●	●	16	16	100	20	16	20	TN□□1604□□	ST317	LV3	VHX0617	SP3	L2.5
2020K16	●	●	20	20	125	26	20	25						
2525M16	●	●	25	25	150	26	25	32						
2525M22	●	●	25	25	150	26	25	32						
3232P22	●	●	32	32	170	30	32	40	TN□□2204□□	ST42	LV4	VHX0821	SP4	L3.0

>>> PWLNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 lever	螺丝 Screw	垫片 Shimpin	扳手 Wrench
	R	L	H	W	L	ℓ	h	s						
PWLNR/L 1616H06	●	●	16	16	100	20	16	20	WN□□1604□□	SW317	LV3	VHX0617	SP3	L2.5
2020K06	●	●	20	20	125	26	20	25						
1616H08	●	●	16	16	100	26	16	20						
2020K08	●	●	20	20	125	28	20	25						
2525M08	●	●	25	25	150	29	25	32	WN□□0804□□	SW42	LV4	VHX0821	SP4	L3.0

>>> PTG(J)NR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert						
	R	L	H	W	l	ℓ	h	s		刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shim pin	扳手 Wrench	
PTG(J)NR/L 1616H16	●	●	16	16	100	26	16	2	0	TN□□1604□□	ST317	LV3	VHX0617	SP3	L2.5
2020K16	●	●	20	20	125	26	20	25							
2525M16	●	●	25	25	150	26	25	32							
2525M22	●	●	25	25	150	28	25	32							
3232P22	●	●	32	32	170	30	32	40	IN□□2204□□	ST42	LV4	VHX0821	SP4	L3.0	

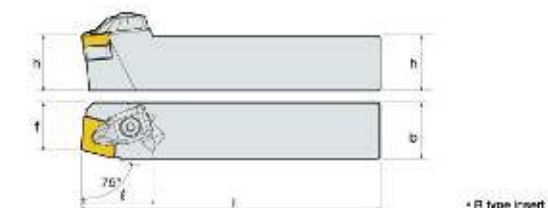
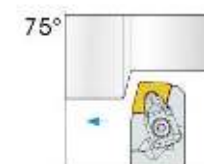
A 外圆车刀系列

Turning tool holder

A

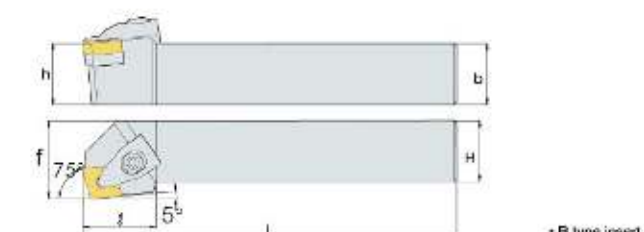


>>> ACBNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	 压板 Clamp	 螺丝 Screw	 刀垫 Shim	 螺丝 Screw	 弹簧 Spring	 扳手 Wrench
	R	L	h	b	l	ℓ	f							
ACBNR/L 2020K12	●	●	20	20	125	31	17	CN□□1204□□	D1M4	DLS4	TC1203	M5X12T	DSP4	L3.0,T20
2525M12	●	●	25	25	150	32	22							

>>> ACKNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	 压板 Clamp	 螺丝 Screw	 刀垫 Shim	 螺丝 Screw	 弹簧 Spring	 扳手 Wrench
	R	L	h	b	l	ℓ	f							
ACKNR/L 2020K12	●	●	20	20	125	29	25	CN□□1204□□	D1M4	DLS4	TC1203	M5X12T	DSP4	L3.0,T20
2525M12	●	●	25	25	150	29	32							

A 车削刀具
Turning tool holder

B 硬质合金刀片
Carbide insert

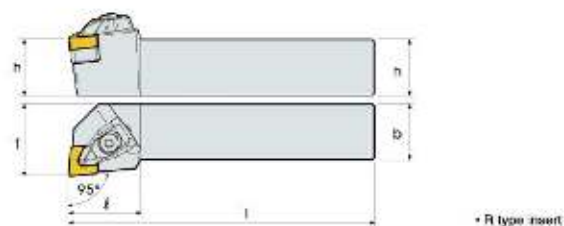
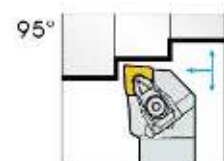
C 铣削刀具
Milling tool holder

D 钻削刀具
Drill tool holder

E 硬质合金刀具
Carbide tools

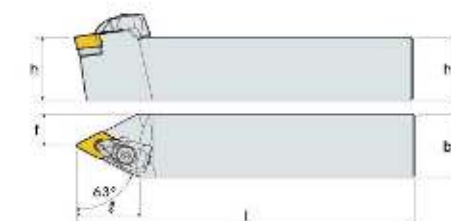
外圆车刀系列 Turning tool holder

>>> ACLRN/L



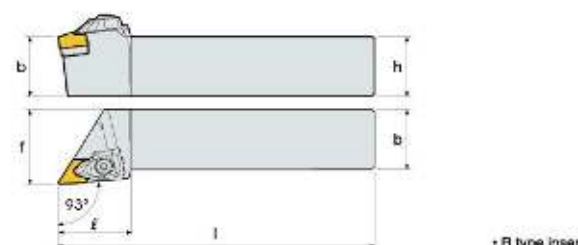
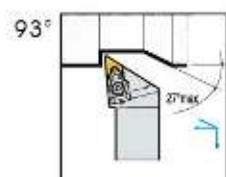
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
ACLRN/L 2020K12	●	●	20	20	125	30	25	CN□□1204□□	DLM4	DLS4	TD1203	MSX12T	DSP4	L3.0,T20
2525M12	●	●	25	25	150	30	32							
3232P12			32	32	170	30	40							

>>> ADPNN



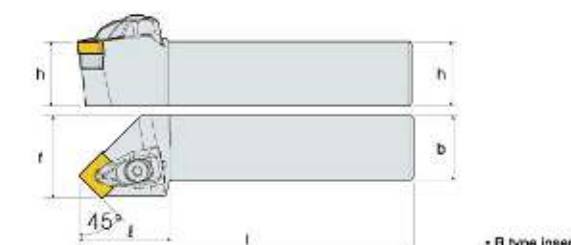
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
ADPNN 2525M11	●	●	25	25	150	31	12.5	DN□□1104□□	DLM3	DLS3	MD1103	A-M4	DSP3	L2.5
2525M1504	●	●	25	25	150	32	12.5	DN□□1504□□	DLM4	DLS4	TD1503	MSX12T	DSP4	L3.0,T20
2525M1506	●	●	25	25	150	32	12.5	DN□□1504□□	DLM4	DLS4	TD1503	MSX12T	DSP4	L3.0,T20

>>> ADJNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
ADJNR/L 2020K11	●	●	20	20	125	30	25	DN□□1104□□	DLM3	DLS3	MD1103	A-M4	DSP3	L2.5,L3.0
2525M11	●	●	25	25	150	30	32							
2020K1506	●	●	20	20	125	39	25	DN□□1506□□	DLM4	DLS4	TD1503	MSX12T	DSP4	L3.0,T20
2525M1506	●	●	25	25	150	39	32							
2020K1504	●	●	20	20	125	39	25	DN□□1504□□	DLM4	DLS4	TD1503	MSX12T	DSP4	L3.0,T20
2525M1504	●	●	25	25	150	39	32							

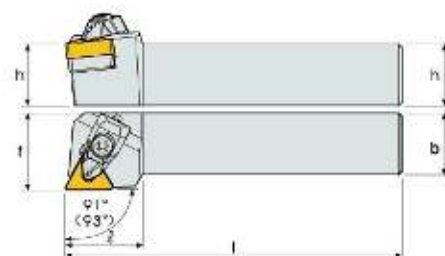
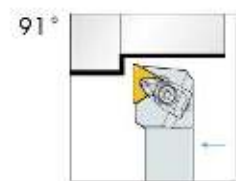
>>> ASSNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
ASSNR/L 2020K12	●	●	20	20	125	34	25	SN□□1204□□	DLM4	DLS4	TS1203	MSX12T	DSP4	L3.0,T20
2525M12	●	●	25	25	150	34	32							

外圆车刀系列 Turning tool holder

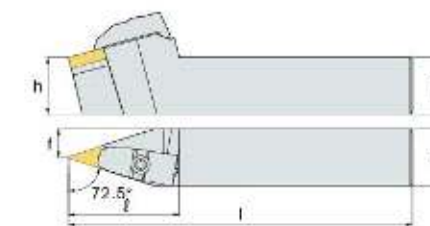
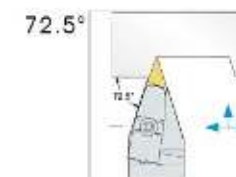
>>> ATGNR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
ATGNR/L 2020K16	●	●	20	20	125	30	25	TN□□1604□□	DLM3	DLS3	MT1603	A-M4	DSP3	L2.5
2525M16	●	●	25	25	150	30	32							

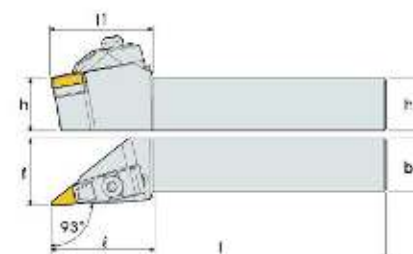
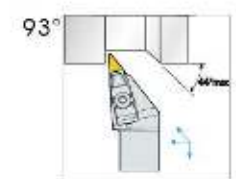
>>> AVVNN



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
AVVNN 2020K16	●	●	20	20	125	49	10	VN□□1604□□	DLM3-V16	DLS5	MV1603	A-M4	DSP5	L2.5, L4.0
2525M16	●	●	25	25	150	49	12.5							

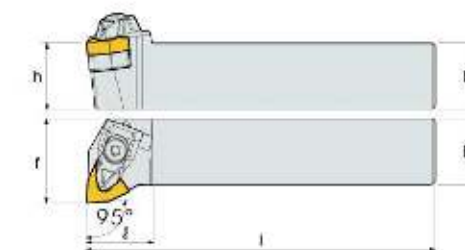
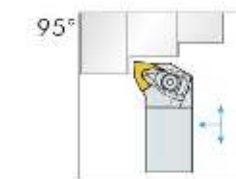
>>> AVJNR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
AVJNR/L 2020K16	●	●	20	20	125	48	25	VN□□1604□□	DLM3-V16	DLS5	MV1603	A-M4	DSP5	L2.5, L4.0
2525M16	●	●	25	25	150	48	32							

>>> AWWNR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	h	b	l	ℓ	f							
AWWNR/L 2020K06	●	●	20	20	125	25	25	WN□□0604□□	DLM3	DLS3	MW0603	A-M4	DSP3	L2.5
2525M06	●	●	25	25	150	25	32							
2020K08	●	●	20	20	125	31	25	WN□□0804□□	DLM4	DLS4	MW0803	M5X12T	DSP4	L3.0, L2.0
2525M08	●	●	25	25	150	31	32							

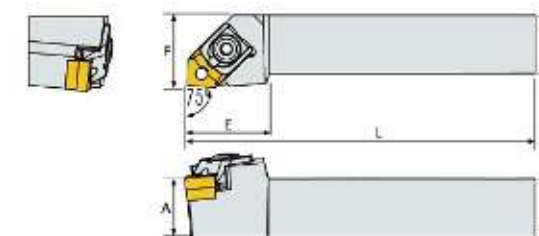
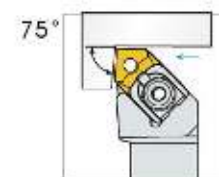
A 外圆车刀系列

Turning tool holder

B

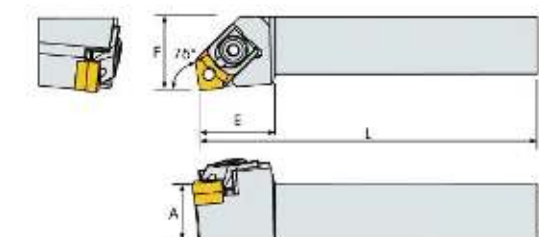
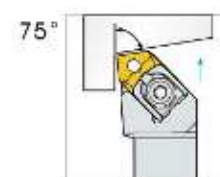


>>> BCBNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Slapping	扳手 Wrench
	R	L	A	B	L	E	F							
BCBNR/L 2020K12	●	●	20	20	125	36	25	CN□□1204□□	MC1204	CTM6-S	BC12-100	BCS08	CR07	13.0, 14.0
2525M12	●	●	25	25	150	34	26							
3232P12	●	●	32	32	170	34	31							

>>> BCKNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Slapping	扳手 Wrench
	R	L	A	B	L	E	F							
BCKNR/L 2020K12	●	●	20	20	125	33	24	CN□□1204□□	MC1204	CTM6-S	BC12-100	BCS08	CR07	13.0, 14.0
2525M12	●	●	25	25	150	32	32							
3232P12	●	●	32	32	170	32	40							

A 车削刀具
Turning tool holder

B 硬质合金刀片
Carbide insert

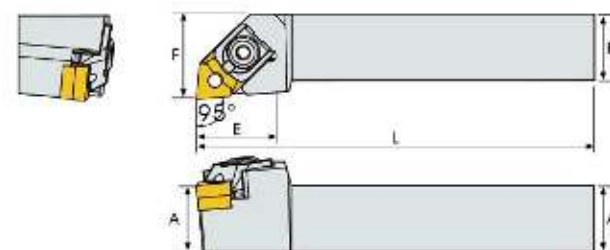
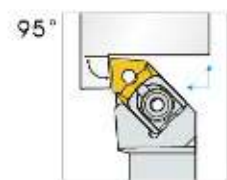
C 铣削刀具
Milling tool holder

D 钻削刀具
Drill tool holder

E 硬质合金刀具
Carbide tools

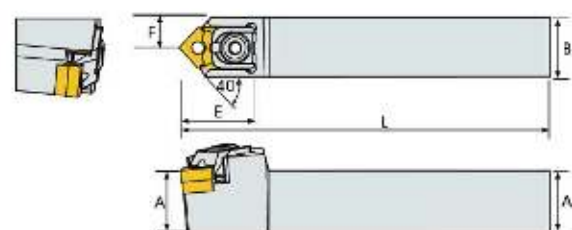
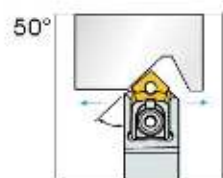
外圆车刀系列 Turning tool holder

>>> BCLNR/L



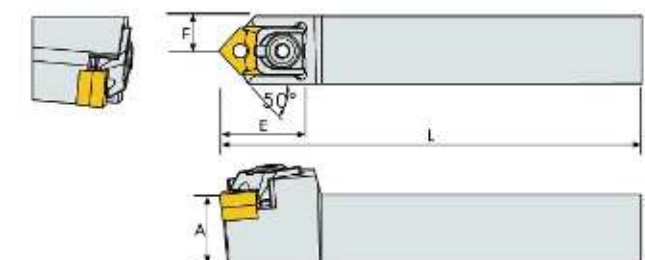
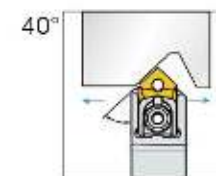
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BCLNR/L 2020K12	●	●	20	20	125	32	25	CN□□1204□□	MC1204	CTM6-S	BC12	BCS08	CR07	L3.0, L4.0
2525M12	●	●	25	25	150	37	32							
3232P12	●	●	32	32	170	36	40							
3232P14	●	●	32	32	170	38	40	CN□□1606□□	MC1604	CTM8-S	BC12	BCS08	CR07	L3.0, L4.0

>>> BCMNN



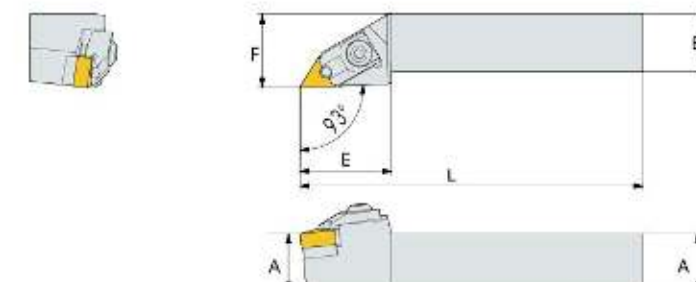
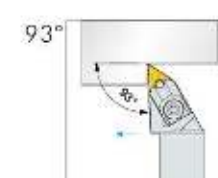
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BCMNN 2020K12	●	●	20	20	125	42	10	CN□□1204□□	MC1204	CTM6-S	BC12	BCS08	CR07	L3.0, L4.0
2525M12	●	●	25	25	150	42	12.5							
3232P12	●	●	32	32	170	48	16							

>>> BCMNN-100



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BCMNN 2020K12-100	●	●	20	20	125	40	10	CN□□1204□□	MC1204	CTM6-S	BC12-100	BCS08	CR07	L3.0, L4.0
2525M12-100	●	●	25	25	150	40	12.5							
3232P12-100	●	●	32	32	170	40	16							

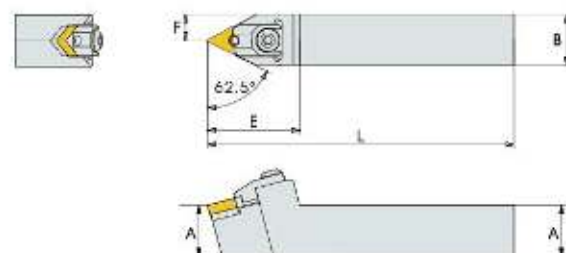
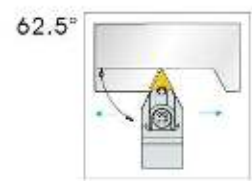
>>> BDJNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BDJNR/L 2020K15	●	●	20	20	125	46	26	DN□□1504□□ DN□□1506□□	MD1506 MD1504	CTM6-L	BD15	BCS08	CR07	L3.0, L4.0
2525M15	●	●	25	25	150	46	32							
3232P15	●	●	32	32	170	46	40							

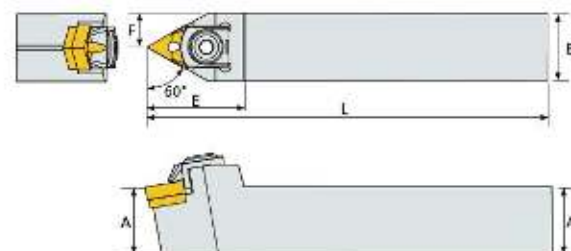
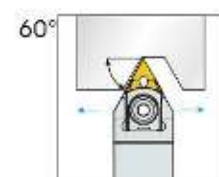
外圆车刀系列 Turning tool holder

>>> BDNNN



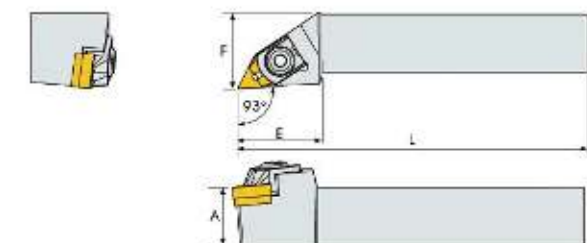
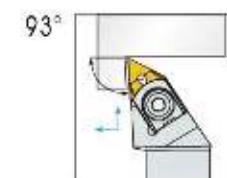
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BDNNN 2020K15	●	●	20	20	125	50	10	DN□□1504□□	MD1506	CTM6-L	BD15	BCS08	CR07	13.0, 14.0
2525M15	●	●	25	25	150	50	12.5	DN□□1506□□	MD1504					
3232P15	●	●	32	32	170	50	16							

>>> BTENN



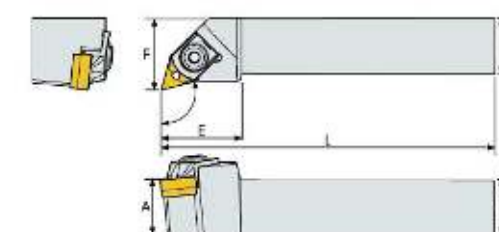
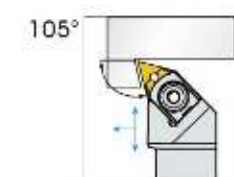
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BTENN 2020K16	●	●	20	20	125	40	10	TN□□1604□□	MT16-S	CTM5-S	BT16	BCS08	CR07	12.5, 14.0
2525M16	●	●	25	25	150	40	12.5							
3232P16	●	●	32	32	170	40	16							

>>> BTJNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BTJNR/L 1616K16	●	●	16	16	125	30	20	TN□□1604□□	MT16-S	CTM5-S	BT16-N	BCS06	CR05	12.5, 13.0
2020K16	●	●	20	20	125	35	25	TN□□1604□□	MT16-S	CTM5-S	BT16	BCS08	CR07	12.5, 14.0
2525M16	●	●	25	25	150	35	32							
3232P16	●	●	32	32	170	35	40							

>>> BTQNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sliperring	扳手 Wrench
	R	L	A	B	L	E	F							
BTQNR/L 2020K16	●	●	20	20	125	35	25	TN□□1604□□	MT16-S	CTM5-S	BT16	BCS08	CR07	12.5, 14.0
2525M16	●	●	25	25	150	35	32							
3232P16	●	●	32	32	170	35	40							

外圆车刀系列 Turning tool holder

>>> BVJNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
	R	L	A	B	L	E	F							
BVJNR/L 2020K16	●	●	20	20	125	47	25	VN□□1604□□	MV1603	CTM5-S	BV16	BCS06	CR05	L2.5,L3.0
2525M16	●	●	25	25	150	47	32							
3232P16	●	●	32	32	170	47	40							

>>> BVVNN



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
	R	L	A	B	L	E	F							
BVVNN 2020K16	●	●	20	20	125	48	10	VN□□1604□□	MV1603	CTM5-S	BV16	BCS06	CR05	L2.5,L3.0
2525M16	●	●	25	25	150	48	12.5							
3232P16	●	●	32	32	170	48	16							

>>> BVQNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
	R	L	A	B	L	E	F							
BVQNR/L 2020K16	●	●	20	20	125	45	25	VN□□1604□□	MV1603	CTM5-S	BV16	BCS06	CR05	L2.5,L3.0
2525M16	●	●	25	25	150	45	32							
3232P16	●	●	32	32	170	45	30							

>>> BWLNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
	R	L	A	B	L	E	F							
BWLNR/L 1616H06	●	●	16	16	100	28	20	WN□□0604□□	MW0603	CTM5-S	BW06	BCS06	CR05	L2.5,L3.0
2020K06	●	●	20	20	125	28	25							
2525M06	●	●	25	25	150	28	32							
3232P06	●	●	32	32	170	32	40							
2020K08	●	●	20	20	125	32	25	WN□□0804□□	MW0804	CTM6-S	BW08	BCS08	CR07	L3.0,L4.0
2525M08	●	●	25	25	150	32	32							
3232P08	●	●	32	32	170	32	40							

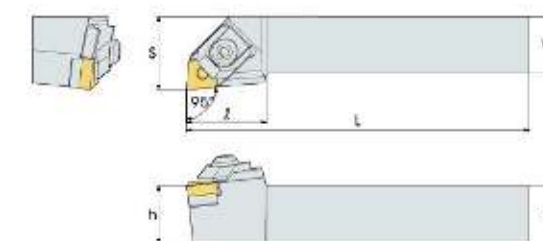
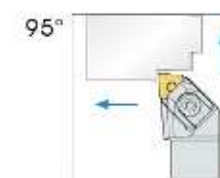
A 外圆车刀系列

Turning tool holder

W



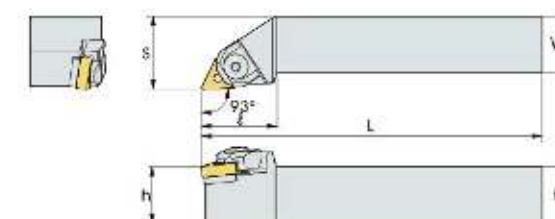
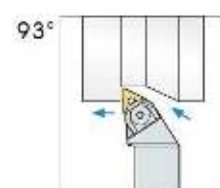
>>> WCLNR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stopper	扳手 Wrench
	R	L	H	W	L	l	s							
WCLNR/L 2020K12	●	●	20	20	125	35	25	CN□□1204□□	MC1204	CTM6-S	YC12-1 YC12-2	CSM6	CR05	13.0,14.0
2525M12	●	●	25	25	150	35	32							
3232P12	●	●	32	32	170	35	40							

>>> WIJNR/L

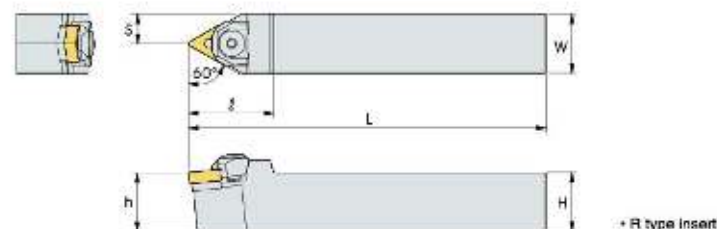
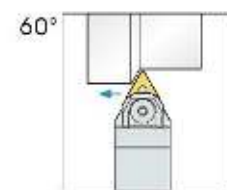


• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stopper	扳手 Wrench
	R	L	H	W	L	l	s							
WIJNR/L 1616K16	●	●	16	16	125	28	20	IN□□1604□□	MT16-S	CTM5-S	WT16	WICW	KH540	12.5,14.0
2020K16	●	●	20	20	125	28	25							
2525M16	●	●	25	25	150	28	32							
3232P16	●	●	32	32	170	32	40							
2525M22	●	●	25	25	150	32	32	IN□□2204□□	MT2204	CTM6-S	WI22	WICW	KH540	13.0,14.0
3232P22	●	●	32	32	170	32	40							

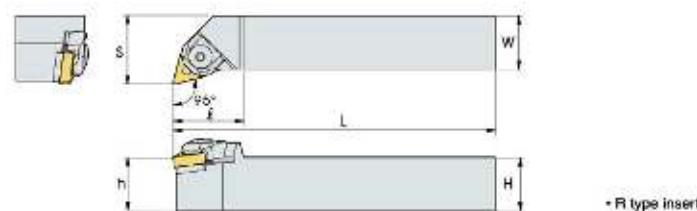
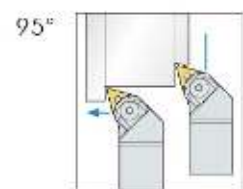
外圆车刀系列 Turning tool holder

>>> WTENN



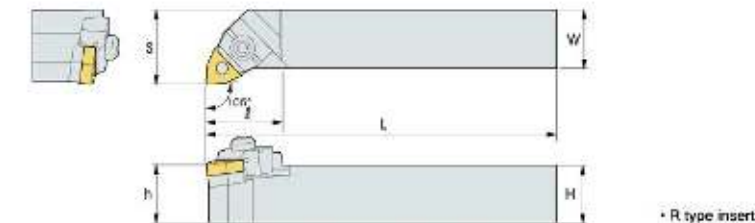
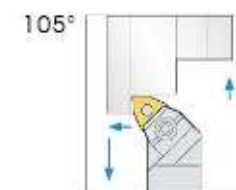
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
	R	L	H	W	L	I	S							
WTENN 1616K16	●	●	16	16	125	34	8	TN□□1604□□	MT16-S	CTM5-S	WT16	WTCW	KH540	L2.5, L4.0
2020K16	●	●	20	20	125	34	10							
2525M16	●	●	25	25	150	35	12.5							
3232P16	●	●	32	32	170	35	16							
2525M22	●	●	25	25	150	38	12.5	TN□□2204□□	MT2204	CTM6-S	WT22	WTCW	KH540	L3.0, L4.0
3232P22	●	●	32	32	170	38	16							

>>> WWLNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
	R	L	H	W	L	I	S							
WWLNR/L 1616K08	●	●	16	16	125	32	22	WN□□0804□□	WW08	CTM6-S	YW08	WTCW	KH540	L3.0, L4.0
2020K08	●	●	20	20	125	32	25							
2525M08	●	●	25	25	150	35	32							
3232P08	●	●	32	32	170	35	40							

>>> WTQNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
	R	L	H	W	L	I	S							
WTQNR/L 1616K16	●	●	16	16	125	30	20	TN□□1604□□	MT16-S	CTM5-S	WT16	WTCW	KH540	L2.5, L4.0
2020K16	●	●	20	20	125	32	26							
2525M16	●	●	25	25	150	32	32							
3232P16	●	●	32	32	170	35	40							

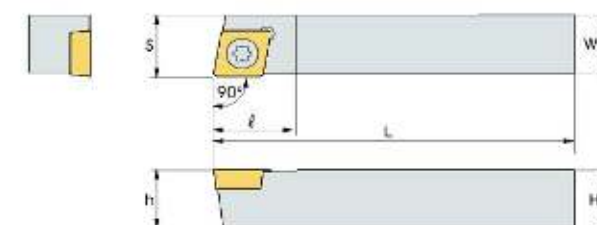
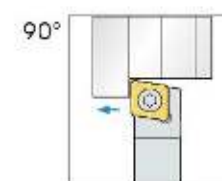
A 外圆车刀系列

Turning tool holder

S



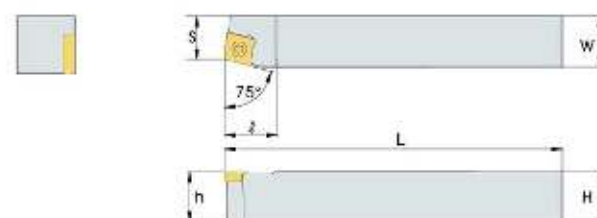
>>> SCACR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	S			
SCACR/L 0808F06	●	●	8	8	80	10	8	CC□□0602□□	M2.5X6	T8
1010F06	●	●	10	10	80	10	10			
1212F06	●	●	12	12	80	13	12			
1212F09	●	●	12	12	80	13	12	CC□□09T3□□	M3.5X9	T15

>>> SCBCR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	S			
SCBCR/L 1212F06	●	●	12	12	80	13	10	CC□□0602□□	M2.5X6	T8
1616H06	●	●	16	16	100	13	14			
1212F09	●	●	12	12	80	13	10			
1616H09	●	●	16	16	100	20	14	CC□□09T3□□	M3.5X9	T15
2020K09	●	●	20	20	125	20	17			
2525M09	●	●	25	25	150	20	22			
2020K12	●	●	20	20	125	20	17	CC□□1204□□	M5.0X12	T20
2525M12	●	●	25	25	150	20	22			

A 车削刀具
Carbide tool holder

B 硬质合金刀片
Carbide insert

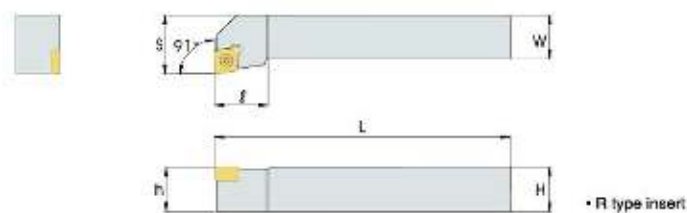
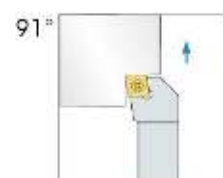
C 铣削刀具
Milling tool holder

D 钻削刀具
Drill tool holder

E 硬质合金刀具
Carbide tools

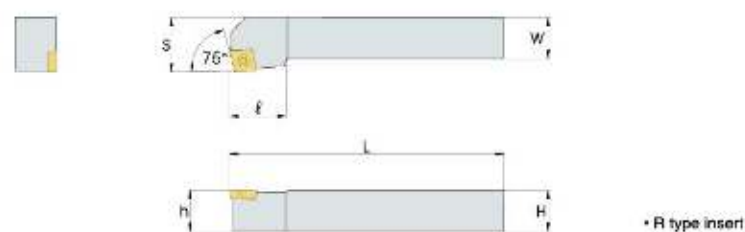
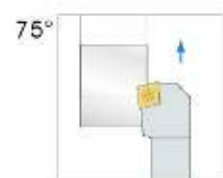
外圆车刀系列 Turning tool holder

>>> SCFCR/L



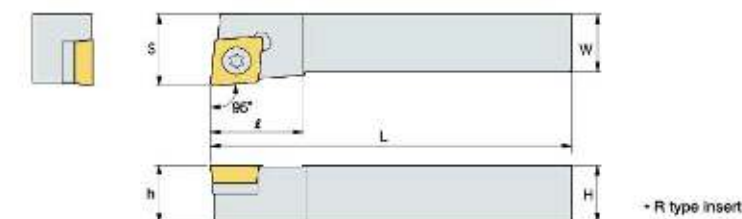
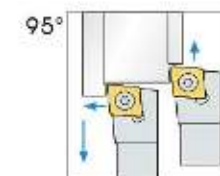
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	S			
SCFCR/L 1010F06	●	●	10	10	80	14	12	CC□□0602□□	M2.5X6	T8
1212F06	●	●	12	12	80	14	16			
1616H09	●	●	16	16	100	16	20	CC□□09T3□□	M3.5X9	T15
2020K09	●	●	20	20	125	16	25			
2525M09	●	●	25	25	150	16	32			

>>> SCKCR/L



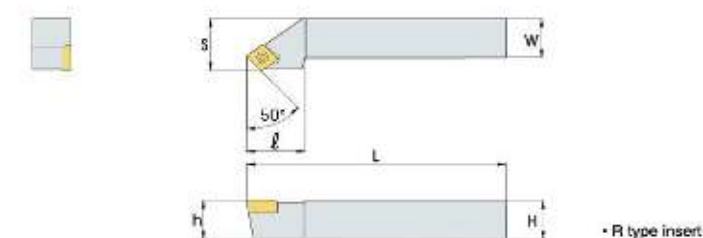
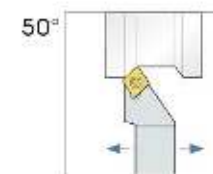
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	S			
SCKCR/L 2020K09	●	●	20	20	125	23	25	CC□□09T3□□	M3.5X9	T15
2525M09	●	●	25	25	150	23	32			
2020K12	●	●	20	20	125	28	25	CC□□1204□□	M5.0X12	T20
2525M12	●	●	25	25	150	28	32			

>>> SCLCR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	S			
SCLCR/L 0808F06	●	●	8	8	80	10	10	CC□□0602□□	M2.5X6	T8
1010F06	●	●	10	10	80	10	12			
1212F09	●	●	12	12	80	16	16	CC□□09T3□□	M3.5X9	T15
1616H09	●	●	16	16	100	16	20			
2020K09	●	●	20	20	125	16	25			
2525M09	●	●	25	25	150	16	32	CC□□1204□□	M5.0X12	T20
2020K12	●	●	20	20	125	20	25			
2525M12	●	●	25	25	150	20	32			
3232P12			32	32	170	20	40			

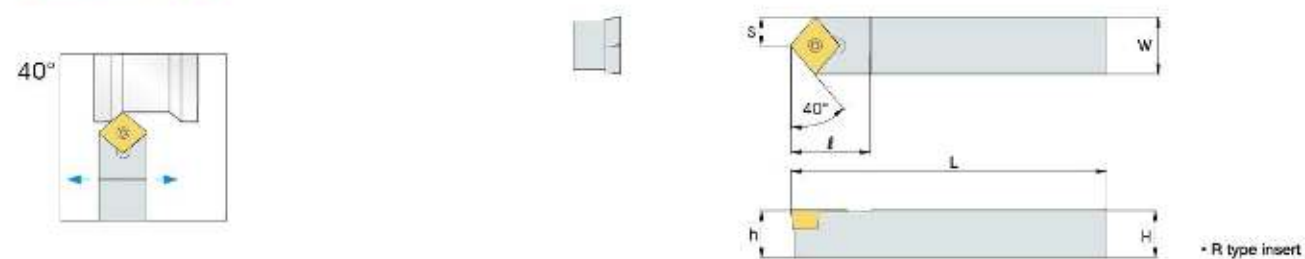
>>> SCSCR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	S			
SCSCR/L 1212F06	●	●	12	12	80	18	16	CC□□0602□□	M2.5X6	T8
1616H06	●	●	16	16	100	18	20			
1212F09	●	●	12	12	80	18	16	CC□□09T3□□	M3.5X9	T15
1616H09	●	●	16	16	100	20	20			
2020K09	●	●	20	20	125	20	25			
2020K12	●	●	20	20	125	20	25	CC□□1204□□	M5.0X12	T20
2525M12	●	●	25	25	150	20	32			

外圆车刀系列 Turning tool holder

>>> SCMCN-100



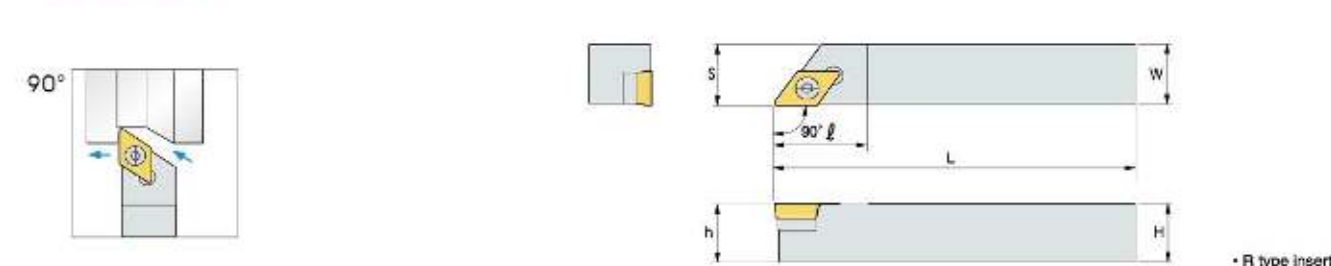
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SCMCN 1010F06-100	●	●	10	10	80	13	5	CC□□0602□□	M2.5X6	T8
1212F06-100	●	●	12	12	80	18	6			
1616H09-100	●	●	16	16	100	18	8	CC□□0913□□	M3.5X9	T15
2020K09-100	●	●	20	20	125	18	10			
2525M09-100	●	●	25	25	150	18	12.5	CC□□1204□□	M5.0X12	T20
2020K12-100	●	●	20	20	125	23	10			
2525M12-100	●	●	25	25	150	23	12.5			

>>> SCMCN



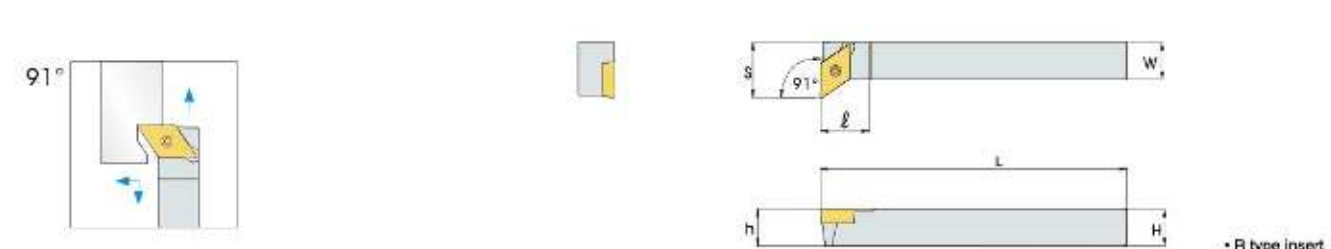
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SCMCN 1010F06	●	●	10	10	80	10	5	CC□□0602□□	M2.5X6	T8
1212F06	●	●	12	12	80	15	6			
1616H09	●	●	16	16	100	15	8	CC□□09T3□□	M3.5X9	T15
2020K09	●	●	20	20	125	15	10			
2525M09	●	●	25	25	150	15	12.5	CC□□1204□□	M5.0X12	T20
2020K12	●	●	20	20	125	20	10			
2525M12	●	●	25	25	150	20	12.5			

>>> SDACR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SDACR/L 0808F07	●	●	8	8	80	10	8	DC□□0702□□	M2.5X6	T8
1010F07	●	●	10	10	80	10	10			
1212F07	●	●	12	12	80	16	12	DC□□11T3□□	M3.5X9	T15
1212F11	●	●	12	12	80	20	12			
1616H11	●	●	16	16	100	22	16			
2020K11	●	●	20	20	125	22	20			
2525M11	●	●	25	25	150	22	25			

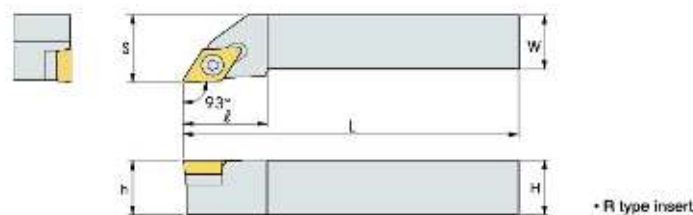
>>> SDFCR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SDFCR/L 1212F07	●	●	12	12	80	8	16	DC□□0702□□	M2.5X6	T8
1212F11	●	●	12	12	80	14	16			
1616H11	●	●	16	16	100	14	20	DC□□11T3□□	M3.5X9	T15

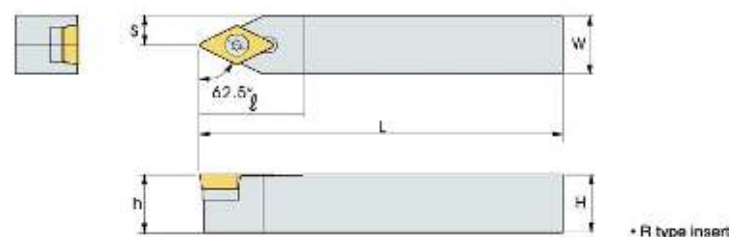
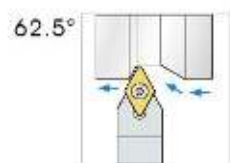
外圆车刀系列 Turning tool holder

>>> SDJCR/L



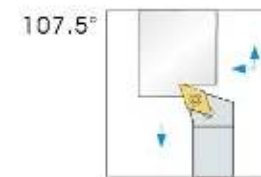
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SDJCR/L 1010F07	●	●	10	10	80	14	12	DC□□0702□□	M2.5X6	T8
1212F07	●	●	12	12	80	14	16			
1616H07	●	●	16	16	100	14	20			
2020K07	●	●	20	20	125	16	25			
1212F11	●	●	12	12	80	20	16	DC□□1113□□	M3.5X9	T15
1616H11	●	●	16	16	100	20	20			
2020K11	●	●	20	20	125	20	25			
2525M11	●	●	25	25	150	23	32			
3232P11	●	●	32	32	170	23	40			

>>> SDNCN



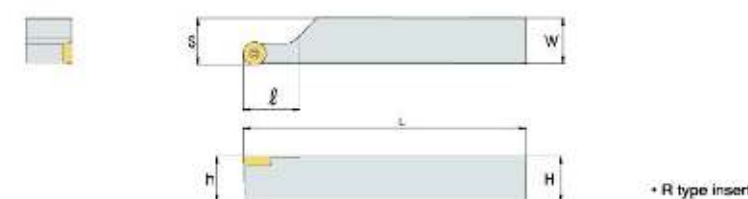
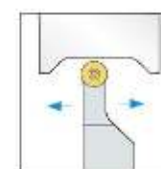
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SDNCN 0808F07	●	●	8	8	80	14	4	DC□□0702□□	M2.5X6	T8
1010F07	●	●	10	10	80	14	5			
1212F07	●	●	12	12	80	14	6			
1212F11	●	●	12	12	80	21	6			
1616H11	●	●	16	16	100	21	8	DC□□1113□□	M3.5X9	T15
2020K11	●	●	20	20	125	21	10			
2525M11	●	●	25	25	150	21	12.5			

>>> SDQCR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SDQCR/L 1010F07	●	●	10	10	80	5	12	DC□□0702□□	M2.5X6	T8
1212F07	●	●	12	12	80	13	16			
1212F11	●	●	12	12	80	14	16			
1616H11	●	●	16	16	100	14	20	DC□□1113□□	M3.5X9	T15
2020K11	●	●	20	20	125	16	25			
2525M11	●	●	25	25	150	20	32			

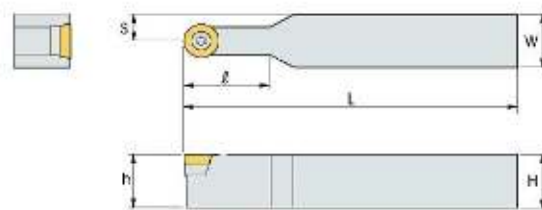
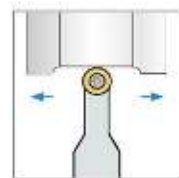
>>> SRACR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SRACR/L 1616H08	●	●	16	16	100	16	16.5	RC□□0803□□	M3.0X8	T8
2020K08	●	●	20	20	125	16	20.5			
2525M08	●	●	25	25	150	16	25.5			
1616H10	●	●	16	16	100	20.3	16.5	RC□□1013□□	M3.5X9	T15
2020K10	●	●	20	20	125	20.3	20.5			
2525M10	●	●	25	25	150	20.3	25.5			
2020K12	●	●	20	20	125	20.3	20.5	RC□□1204□□	M5.0X12	T20
2525M12	●	●	25	25	150	20.3	25.5			

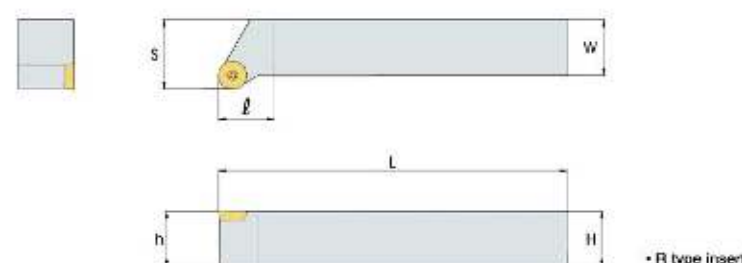
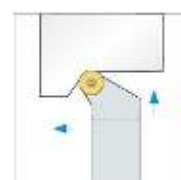
外圆车刀系列 Turning tool holder

>>> SRDCN



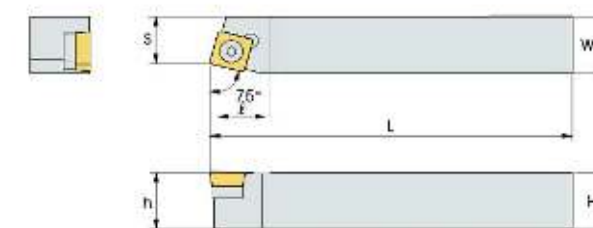
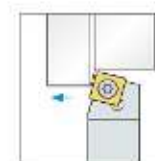
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SRDCN 1616H06	●	●	16	16	100	14	8	RC□□0602□□	M2.5X8	T8
2020K06	●	●	20	20	125	16	10			
1616H08	●	●	16	16	100	14	8	RC□□0803□□	M3.0X8	T8
2020K08	●	●	20	20	125	16	10			
2525M08	●	●	25	25	150	23	12.5	RC□□10T3□□	M3.5X9	T15
1616H10	●	●	16	16	100	20	8			
2020K10	●	●	20	20	125	20	10	RC□□1204□□	M5.0X12	T20
2525M10	●	●	25	25	150	23	12.5			
2020K12	●	●	20	20	125	20	10	RC□□1204□□	M5.0X12	T20
2525M12	●	●	25	25	150	23	12.5			

>>> SRGCR/L



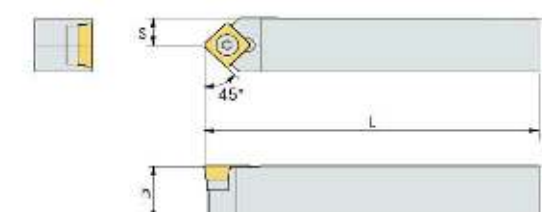
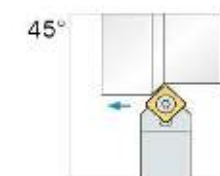
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SRGCR/L 1616H08	●	●	16	16	100	20	20	RC□□0803□□	M3.0X8	T8
2020K08	●	●	20	20	125	20	25			
1616H10	●	●	16	16	100	20	20	RC□□10T3□□	M3.5X9	T15
2020K10	●	●	20	20	125	20	25			
2525M10	●	●	25	25	150	20	32	RC□□1204□□	M5.0X12	T20
2525M12	●	●	25	25	150	22	32			

>>> SSBCR/L



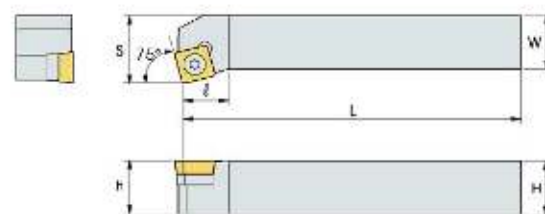
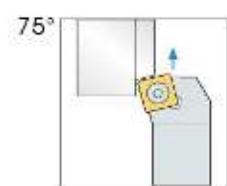
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SSBCR/L 1212F09	●	●	12	12	80	18	9.5	SC□□09T3□□	M3.5X9	T15
1616H09	●	●	16	16	100	18	13			
2020K09	●	●	20	20	125	18	17	SC□□1204□□	M5.0X12	T20
2525M09	●	●	25	25	150	20	22			
2020K12	●	●	20	20	125	22	17			
2525M12	●	●	25	25	150	22	22			

>>> SSDCN



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SSDCN 1212F09	●	●	12	12	80	16	6	SC□□09T3□□	M3.5X9	T15
1616H09	●	●	16	16	100	16	8			
2020K09	●	●	20	20	125	16	10	SC□□1204□□	M5.0X12	T20
2525M09	●	●	25	25	150	16	12.5			
2020K12	●	●	20	20	125	20	10			
2525M12	●	●	25	25	150	20	12.5			

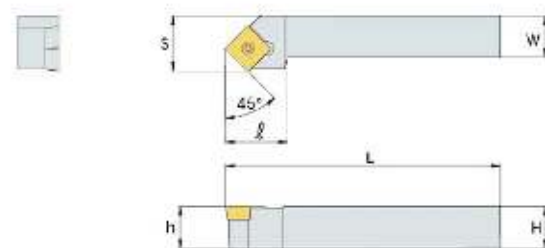
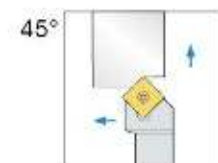
>>>SSKCR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SSKCR/L 1212F09	●	●	12	12	80	16	16	SC□□09T3□□	M3.5X9	T15
1616H09	●	●	16	16	100	16	20			
2020K09	●	●	20	20	125	18	25			
2525M09	●	●	25	25	150	25	32			
2525M12	●	●	25	25	150	25	32	SC□□1204□□	M5.0X12	T20

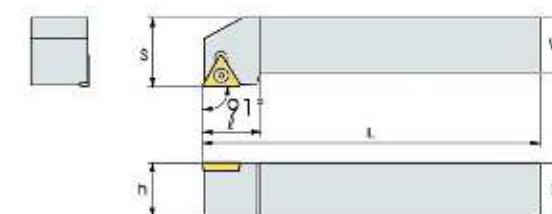
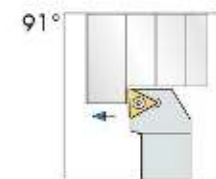
>>>SSSCR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SSSCR/L 1212F09	●	●	12	12	80	16	16	SC□□09T3□□	M3.5X9	T15
1616H09	●	●	16	16	100	16	20			
2020K09	●	●	20	20	125	18	25			
2525M09	●	●	25	25	150	25	32			
2020K12	●	●	20	20	125	18	25	SC□□1204□□	M5.0X12	T20
2525M12	●	●	25	25	150	25	32			

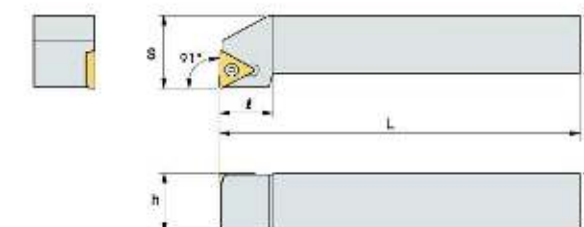
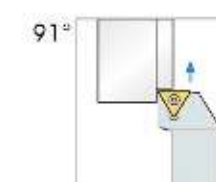
>>>STGCR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
STGCR/L 1010F09	●	●	10	10	80	14	12	TC□□09T3□□	M2.2X6	T8
1212F09	●	●	12	12	80	14	16			
1616H09	●	●	16	16	100	14	20			
1212F11	●	●	12	12	80	14	16	TC□□1102□□	M2.5X6	T8
1616H11	●	●	16	16	100	14	20			
2020K11	●	●	20	20	125	16	25			
2525M11	●	●	25	25	150	20	32			
1616H16	●	●	16	16	100	14	20	TC□□16T3□□	M3.5X9	T15
2020K16	●	●	20	20	125	20	25			
2525M16	●	●	25	25	150	20	32			

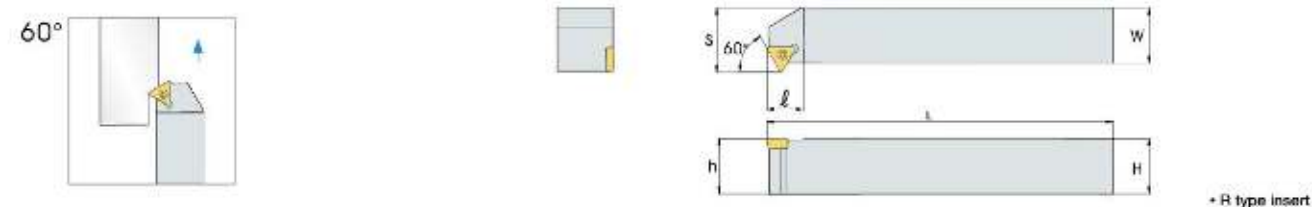
>>>STFCR/L



• R type insert

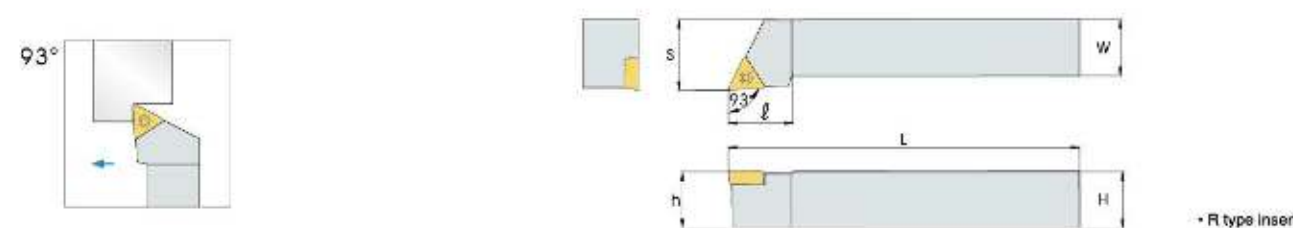
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
STFCR/L 1010F09	●	●	12	12	80	14	12	TC□□09T3□□	M2.2X6	T8
1212F09	●	●	12	12	80	14	16			
1212F11	●	●	12	12	80	14	16			
1616H11	●	●	16	16	100	16	20	TC□□1102□□	M2.5X6	T8
2020K16	●	●	20	20	125	22	25			
2525M16	●	●	25	25	150	22	32	TC□□16T3□□	M3.5X9	T15

>>> STWCR/L



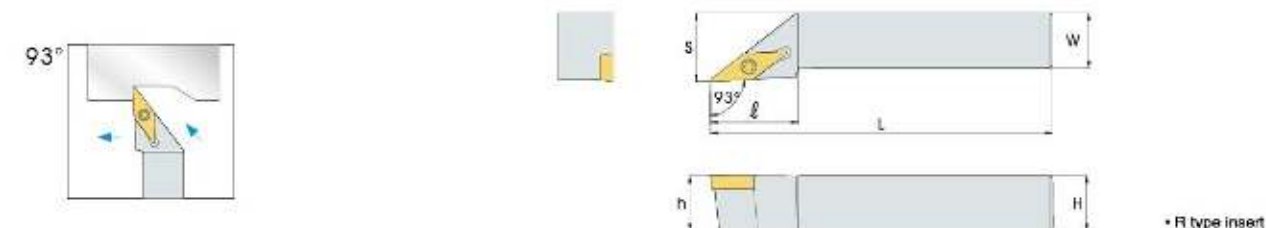
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	s			
STWCR/L 2020K11	●	●	20	20	125	8	23.5	TC□□1102□□	M2.5X6	T8
2525M11	●	●	25	25	150	8	28.5	TC□□16T3□□	M3.5X9	T15
2020K16	●	●	20	20	125	12	26			
2525M16	●	●	25	25	150	12	31			
3232P16	●	●	32	32	170	12	36			

>>> STJCR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	s			
STJCR/L 1212F11	●	●	12	12	80	18	16	TC□□1102□□	M2.5X6	T8
1616H11	●	●	16	16	100	18	20			
2020K11	●	●	20	20	125	18	25			
1616H16	●	●	16	16	100	20	20	TC□□16T3□□	M3.5X9	T15
2020K16	●	●	20	20	125	20	25			
2525M16	●	●	25	25	150	20	32			

>>> SVJBR/L, SVJCR/L

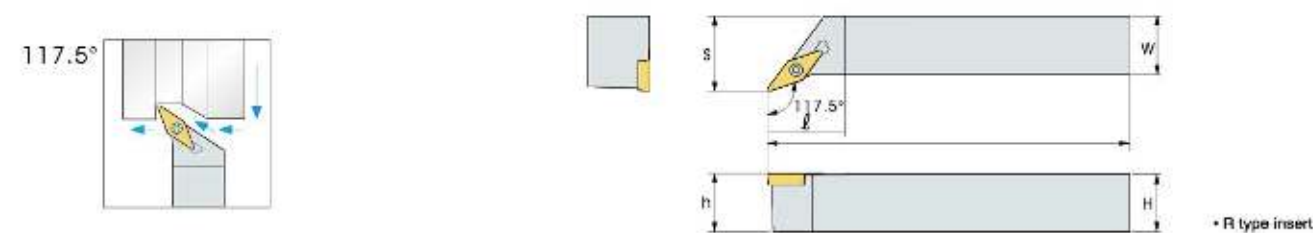


型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	s			
SVJBR/L 1212F11	●	●	12	12	80	22	16	VB□□1103□□	M2.5X8	T8
1616H11	●	●	16	16	100	25	20			
2020K11	●	●	20	20	125	32	25			
2525M11	●	●	25	25	150	38	32			
1616H16	●	●	16	16	100	30	20	VB□□1604□□	M3.5X9	T15
2020K16	●	●	20	20	125	32	25			
2525M16	●	●	25	25	150	40	32			
3232P16	●	●	32	32	170	45	40			

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	l	s			
SVJCR/L 1212F11	●	●	12	12	80	22	16	VC□□1103□□	M2.5X8	T8
1616H11	●	●	16	16	100	25	20			
2020K11	●	●	20	20	125	32	25			
2525M11	●	●	25	25	150	38	32			
1616H16	●	●	16	16	100	30	20	VC□□1604□□	M3.5X9	T15
2020K16	●	●	20	20	125	32	25			
2525M16	●	●	25	25	150	40	32			
3232P16	●	●	32	32	170	45	40			

外圆车刀系列 Turning tool holder

>>> SVQBR/L, SVQCR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SVQBR/L 1616H11	●	●	16	16	100	35	20	VB□□1103□□	M2.5X8	T8
2020K11	●	●	20	20	125	35	25			
2525M11	●	●	25	25	150	35	32			
1616H16	●	●	16	16	100	40	20	VB□□1604□□	M3.5X9	T15
2020K16	●	●	20	20	125	40	25			
2525M16	●	●	25	25	150	40	32			
3232P16	●	●	32	32	170	40	40			

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SVQCR/L 1616H11	●	●	16	16	100	35	20	VC□□1103□□	M2.5X8	T8
2020K11	●	●	20	20	125	35	25			
2525M11	●	●	25	25	150	35	32			
1616H16	●	●	16	16	100	40	20	VC□□1604□□	M3.5X9	T15
2020K16	●	●	20	20	125	40	25			
2525M16	●	●	25	25	150	40	32			
3232P16	●	●	32	32	170	40	40			

>>> SVVBN, SVVCN



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SVVBN 1212F11	●	●	12	12	80	24	6	VB□□1103□□	M2.5X8	T8
1616H11	●	●	16	16	100	24	8			
2020K11	●	●	20	20	125	24	10			
2525M11	●	●	25	25	150	24	12.5	VB□□1604□□	M3.5X9	T15
1616H16	●	●	16	16	100	34	8			
2020K16	●	●	20	20	125	34	10			
2525M16	●	●	25	25	150	34	12.5			
3232P16	●	●	32	32	170	34	16			

型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	ℓ	s			
SVVCN 1212F11	●	●	12	12	80	24	6	VC□□1103□□	M2.5X8	T8
1616H11	●	●	16	16	100	24	8			
2020K11	●	●	20	20	125	24	10			
2525M11	●	●	25	25	150	24	12.5	VC□□1604□□	M3.5X9	T15
1616H16	●	●	16	16	100	34	8			
2020K16	●	●	20	20	125	34	10			
2525M16	●	●	25	25	150	34	12.5			
3232P16	●	●	32	32	170	34	16			

外圆车刀系列 Turning tool holder

>>>SVUBR/L, SVUCR/L



型号 Designation		库存 Stock		尺寸-Size					刀片 Insert	 螺丝 Screw	 扳手 Wrench
		R	L	H	W	L	ℓ	s			
SVUBR/L	1212F11	●	●	12	12	80	14	20	V8□□1103□□	M2.5X8	T8
	1616H11	●	●	16	16	100	14	20			
	2020K16	●	●	20	20	125	18	30	V8□□1604□□	M3.5X9	T15
	2525M16	●	●	25	25	150	18	35			

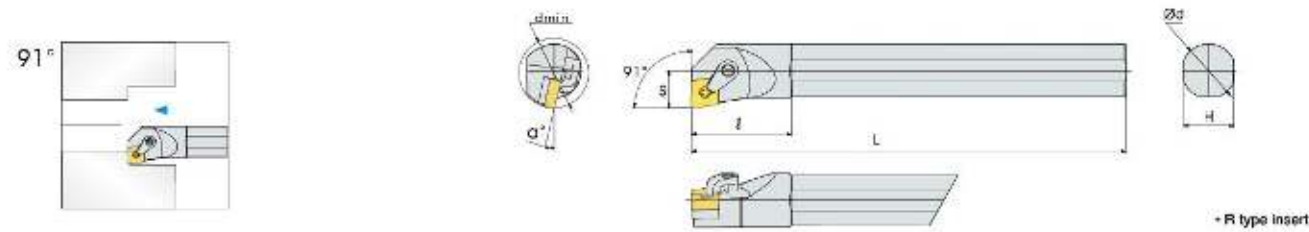
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	 螺丝 Screw	 扳手 Wrench
	R	L	H	W	L	ℓ	※			
SVUCR/L 1212F11	●	●	12	12	80	14	20	VC□□1103□□	M2.5X8	T8
1616H11	●	●	16	16	100	14	20			
2020K16	●	●	20	20	125	18	30	VC□□1604□□	M3.5X9	T15
2525M16	●	●	25	25	150	18	35			

A 内孔车刀系列
Boring bar



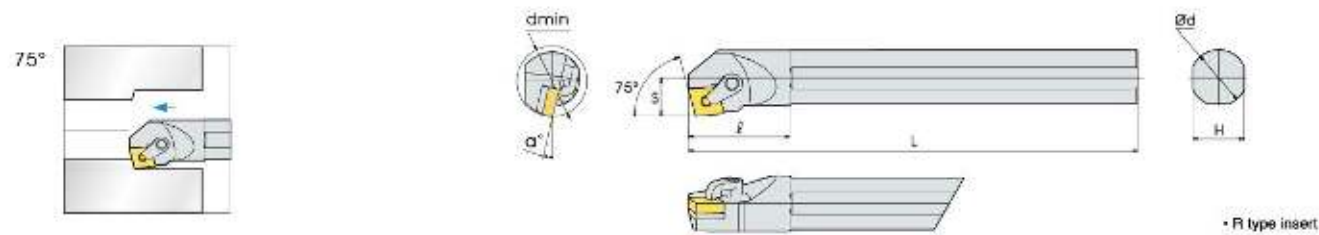
内孔车刀系列 Boring bar

>>> MCFNR/L



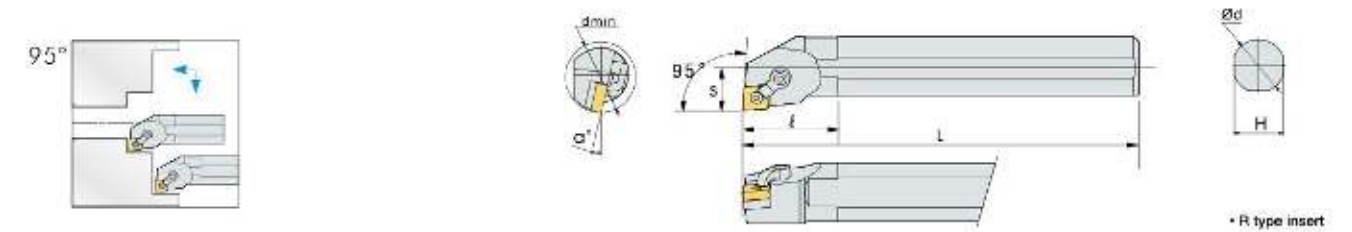
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S20Q-MCFNR/L12	●	●	23	20	13	180	18	15°	CN□□1204□□	X	CTM613	HL1812	ML0622	12.5,13.0
S25R-MCFNR/L12	●	●	23	25	17	200	23	13°						

>>> MCKNR/L



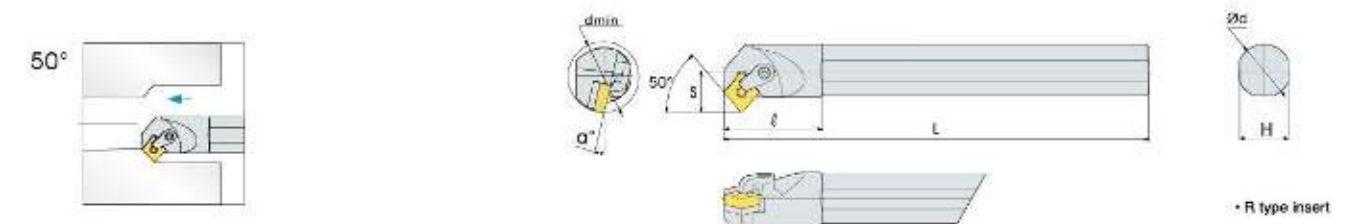
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S16Q-MCKNR/L09	●	●	18	16	11	180	15	17°	CN□□0903□□	X	CTM509	HL1511	ML0519	12.0,12.5
S20Q-MCKNR/L09	●	●	23	20	13	180	18	15°						
S20Q-MCKNR/L12	●	●	30	20	14	180	18	15°	CN□□1204□□	X	CTM613	HL1812	ML0622	12.5,13.0
S25R-MCKNR/L12	●	●	34	25	17	200	23	13°						
S32S-MCKNR/L12	●	●	40	32	22.5	250	30	17°						
S40T-MCKNR/L12	●	●	52	40	26	300	38	15°						
S50U-MCKNR/L12	●	●	62	50	31	350	48	12°						
									MC1204	CTM617	HL1814	ML0625	12.5,13.0	

>>> MCLNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S16Q-MCLNR/L09	●	●	22	16	11	180	15	17°	CN□□0903□□	X	CTM509	HL1511	ML0519	12.0,12.5
S20Q-MCLNR/L09	●	●	26	20	13	180	18	15°						
S20Q-MCLNR/L12	●	●	26	20	13	180	18	15°	CN□□1204□□	X	CTM613	HL1812	ML0622	12.5,13.0
S25R-MCLNR/L12	●	●	34	25	17	200	23	13°						
S32S-MCLNR/L12	●	●	45	32	22.5	250	30	17°						
S40T-MCLNR/L12	●	●	54	40	27	300	38	15°						
S50U-MCLNR/L12	●	●	62	50	31	350	48	12°						
S32S-MCLNR/L16	●	●	45	32	22.5	250	30	17°	CN□□1604□□	MC1604	CTM822	HL2217	ML0830	13.0,14.0
S40T-MCLNR/L16	●	●	62	40	27	300	38	15°						
S50U-MCLNR/L16	●	●	62	50	31	350	48	12°						
S50U-MCLNR/L19	●	●	62	50	31	350	48	12°	CN□□1906□□	MC1904	CTM1022	HL2217	ML0830	14.0

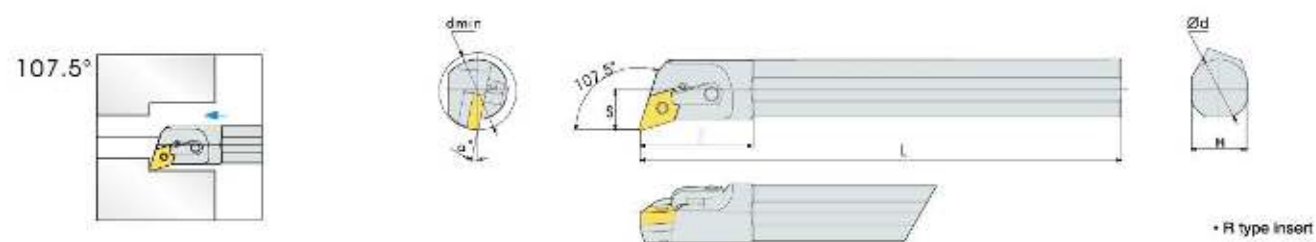
>>> MCWNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S20Q-MCWNR/L12	●	●	30	20	17	180	18	15°	CN□□1204□□	X	CTM613	HL1812	ML0622	12.5,13.0
S25R-MCWNR/L12	●	●	35	25	19.5	200	23	12°						
S32S-MCWNR/L12	●	●	46	32	23	250	30	17°						
									MC1204	CTM617	HL1814	ML0625	12.5,13.0	

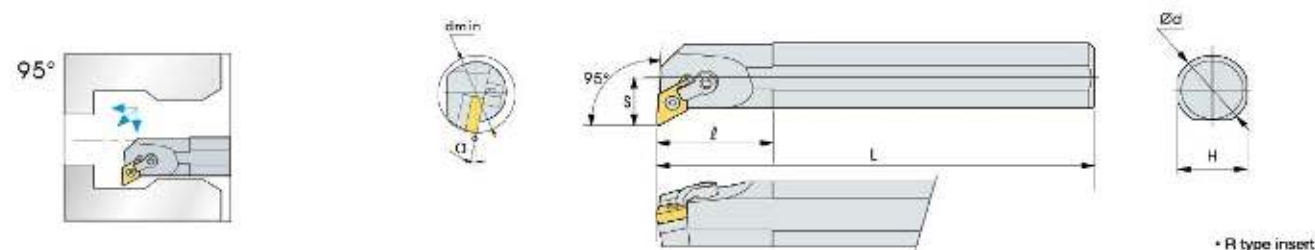
内孔车刀系列 Boring bar

>>> MDQNR/L



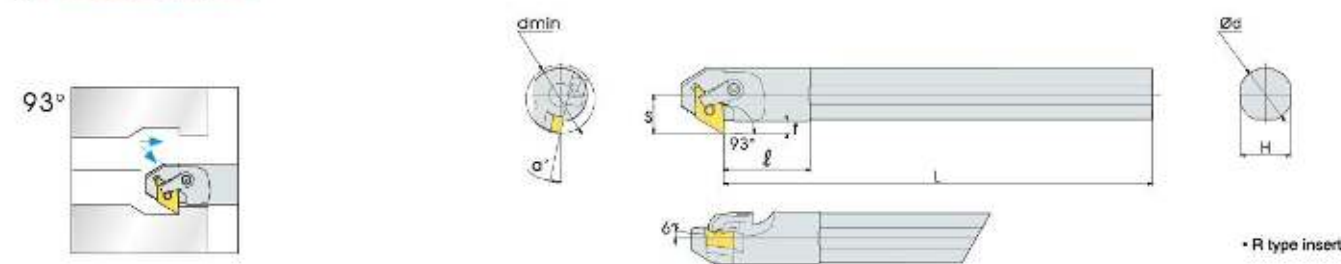
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S25R MDQNR/L15	●	●	32	25	17	200	23	13°	DN□□1504□□	X	CIM613	HL2114	ML0625	L2.5,L3.0
S32S MDQNR/L15	●	●	45	32	22.5	250	30	17°		MD1504	CTM617			
S40T MDQNR/L15	●	●	54	40	27	300	38	15°						
S50U MDQNR/L15	●	●	62	50	31	350	48	12°						

>>> MDUNR/L



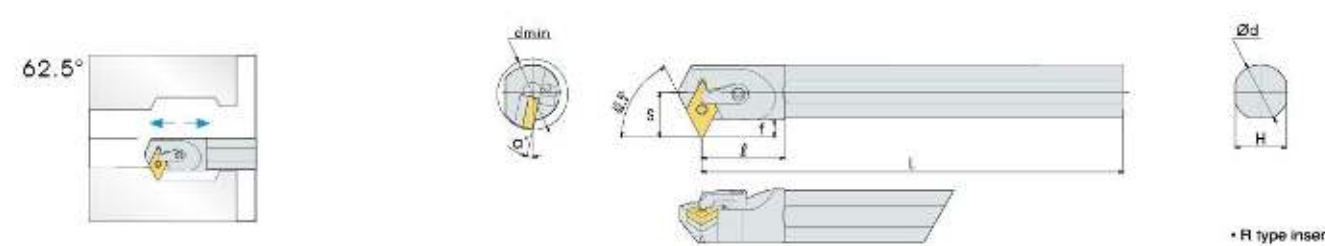
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S25R MDUNR/L11	●	●	34	25	17	200	23	13°	DN□□1104□□	X	CTM510	HL2114	ML0625	L2.5,L3.0
S32S MDUNR/L11	●	●	40	32	22	250	30	17°		MD1103	CTM513			
S25R MDUNR/L15	●	●	34	25	17	200	23	13°	DN□□1504□□	X	CTM613			
S32S MDUNR/L15	●	●	44	32	22	250	30	17°		MD1504	CTM617			
S40T MDUNR/L15	●	●	54	40	27	300	38	15°						
S50U MDUNR/L15	●	●	62	50	31	350	48	12°						

>>> MDZNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S25R MDZNR/L15	●	●	36	25	18	200	23	13°	DN□□1504□□	X	CIM613	HL2114	ML0622	L2.5,L3.0
S32S MDZNR/L15	●	●	44	32	22	250	30	17°		MD1504	CTM617			
S40T MDZNR/L15	●	●	54	40	27	300	38	15°						
S50U MDZNR/L15	●	●	62	50	31	350	48	12°						

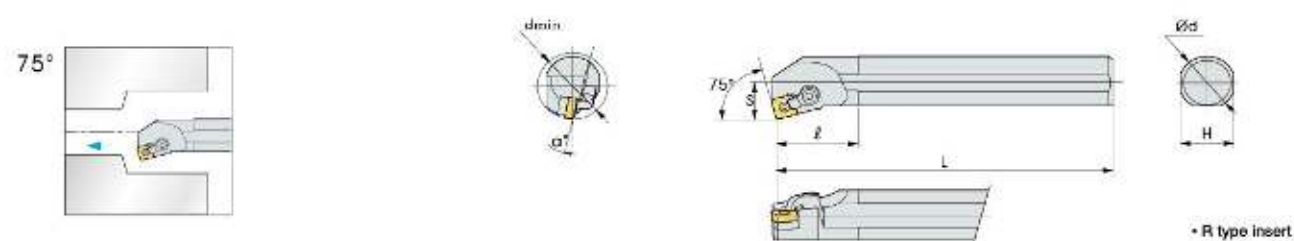
>>> MDWNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S25R MDWNR/L15	●	●	38	25	22	200	23	13°	DN□□1504□□	X	CTM613	HL2114	ML0625	L2.5,L3.0
S32S MDWNR/L15	●	●	46	32	25	250	30	17°		MD1504	CTM617			
S40T MDWNR/L15	●	●	52	40	29	300	38	15°						
S50U MDWNR/L15	●	●	60	50	32	350	48	12°						

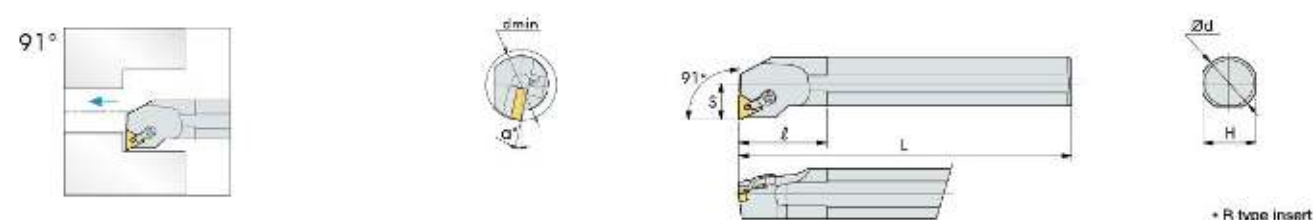
内孔车刀系列 Boring bar

>>> MSKNR/L



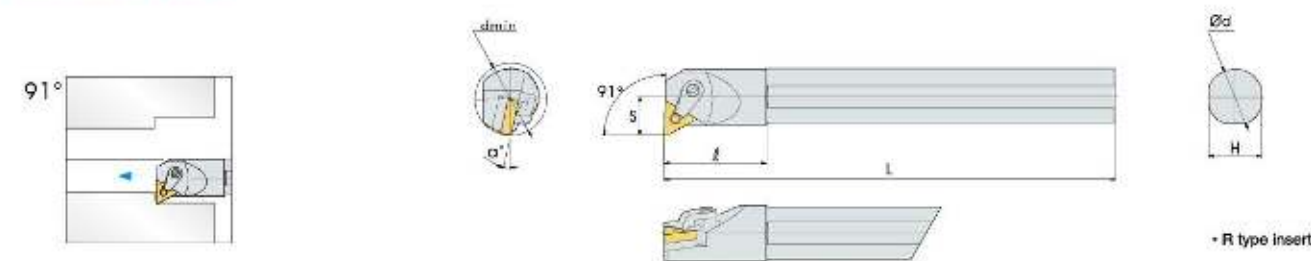
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert					
	R	L	dmin	φd	S	L	H	α°		刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
S20Q-MSKNR/L12	●	●	28	20	13	180	18	15°	SN□□1204□□	X	CTM613	HL1812	ML0622	L2.5,L3.0
S25R-MSKNR/L12	●	●	34	25	17	200	23	13°				HL1814	ML0625	
S32S-MSKNR/L12	●	●	44	32	22	250	30	17°		MS1204	CTM617	HL1814	ML0625	
S40T-MSKNR/L12	●	●	54	40	27	300	38	15°						
S50U-MSKNR/L12	●	●	62	50	34	350	48	12°						

>>> MTFNR/L



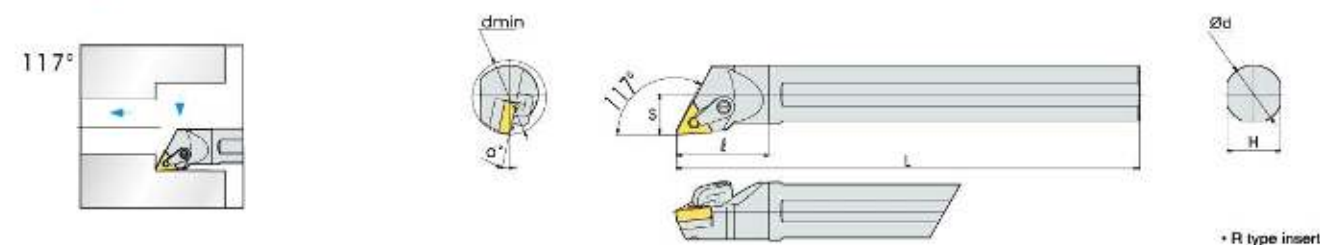
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 刀垫 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S20Q-MTFNR/L16	●	●	28	20	13	180	18	15°	TN□□1604□□	X	CTM510	HL1812	ML0622	L2.5,L3.0
S25R-MTFNR/L16	●	●	34	25	17	200	23	13°						
S32S-MTFNR/L16	●	●	45	32	22.5	250	30	17°		MT1603	CTM513	HL1814	ML0625	
S40T-MTFNR/L16	●	●	52	40	27	300	38	15°						
S50U-MTFNR/L16	●	●	62	50	31	350	48	12°						
S40T-MTFNR/L22	●	●	52	40	27	300	38	15°	TN□□2204□□	MT2204	CTM617	HL1917	ML0830	L2.5,L4.0
S50U-MTFNR/L22	●	●	62	50	31	350	48	12°						

>>> MTFNR/L-R



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 刀垫 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 扳手 Wrench	
	R	L	dmin	φd	S	L	H	α°							
S20Q-MTFNR/L16R	●	●	28	20	13	180	18	15°	IN□□1604□□	X	CTM510	HL1812	ML0622	L2.5, L3.0	
S25R-MTFNR/L16R	●	●	34	25	17	200	23	13°							
S32S-MTFNR/L16R	●	●	45	32	22.5	250	30	17°		MT1603	CTM513	HL1814	ML0625		
S40T-MTFNR/L16R	●	●	52	40	27	300	38	15°							
S50U-MTFNR/L16R	●	●	62	50	31	350	48	12°							

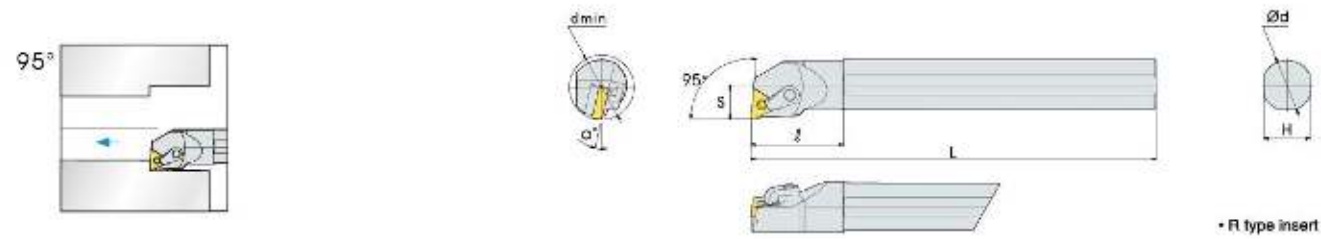
>>> MTJNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert					
	R	L	dmin	φd	S	L	H	α°		刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
S20Q-MTJNR/L16	●	●	28	20	13	180	18	15°	TN□□1604□□	X	CTM510	HL1812	ML0622	12.0,13.0
S25R-MTJNR/L16	●	●	34	25	17	200	23	13°						
S32S-MTJNR/L16	●	●	45	32	22.5	250	30	17°		MT1603	CTM513	HL1814	ML0625	
S40T-MTJNR/L16	●	●	52	40	27	300	38	15°						

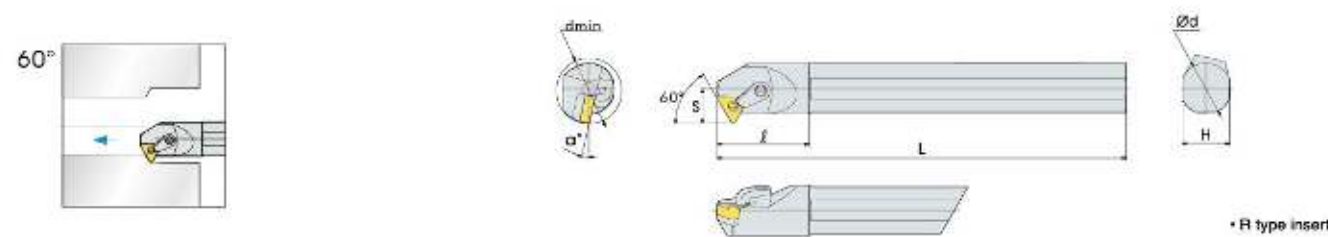
内孔车刀系列 Boring bar

>>> MTUNR/L



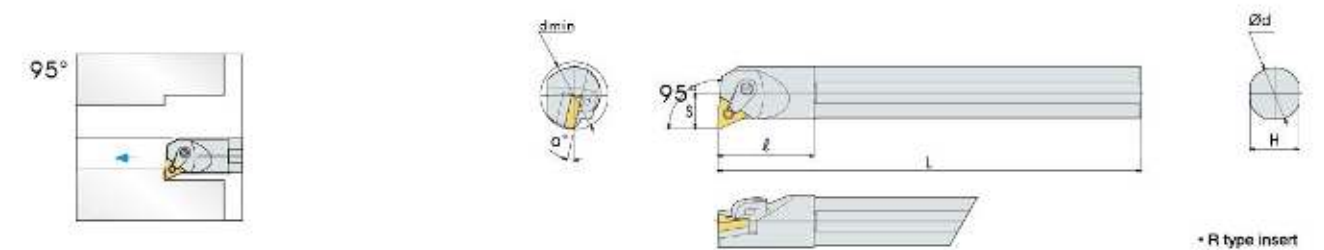
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 刀垫 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S16Q-MTUNR/L16	●	●	25	16	11	180	15	17°	TN□□1604□□	X	CTM510	HL1511	ML0519	L2.0,L2.5
S20Q-MTUNR/L16	●	●	26	20	13	180	18	15°				HL1812	ML0622	
S25R-MTUNR/L16	●	●	34	25	17	200	23	13°						
S32S-MTUNR/L16	●	●	45	32	22.5	250	30	17°		MT1603	CTM513	HL1814	ML0625	L2.0,L3.0
S40T-MTUNR/L16	●	●	52	40	27	300	38	15°						
S50U-MTUNR/L16	●	●	62	50	31	350	48	12°						
S32S-MTUNR/L22	●	●	42	32	22.5	250	30	17°	TN□□2204□□	MT2204	CTM617	HL1917	ML0830	L2.5,L4.0
S40T-MTUNR/L22	●	●	54	40	27	300	38	15°						
S50U-MTUNR/L22	●	●	62	50	31	350	48	12°						

>>> MTWNR/L



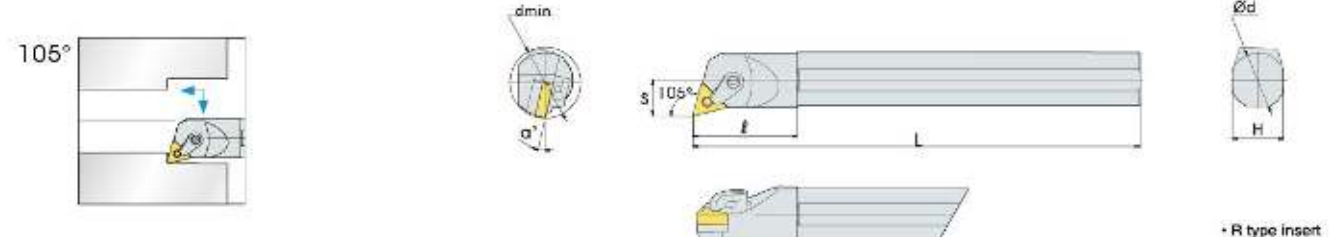
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert					
	R	L	dmin	φd	S	L	H	α°		刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
S20Q-MTWNR/L16	●	●	28	20	13	180	18	15°	TN□□1604□□	X	CTM510	HL1812	ML0622	L2.0,L3.0
S25R-MTWNR/L16	●	●	34	25	17	200	23	13°						
S32S-MTWNR/L16	●	●	40	32	20	250	30	17°						
S40T-MTWNR/L16	●	●	48	40	24	300	38	15°						
S50U-MTWNR/L16	●	●	58	50	29	350	48	12°						
										M11603	CTM513	HL1814	ML0625	

>>> MTUNR/L-R



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 刀垫 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S20Q-MTUNR/L16R	●	●	28	20	13	180	18	15°	TN□□1604□□	X	CIM510	HL1812	ML0622	L2.0,L3.0
S25R-MTUNR/L16R	●	●	34	25	17	200	23	13°		MT1603	CTM513	HL1814	ML0625	
S32S-MTUNR/L16R	●	●	45	32	22.5	250	30	17°						
S40T-MTUNR/L16R	●	●	52	40	27	300	38	15°						
S50U-MTUNR/L16R	●	●	62	50	31	350	48	12°		TN□□2204□□	MT2204	CTM617	HL1917	
S32S-MTUNR/L22R	●	●	42	32	22.5	250	30	17°						
S40T-MTUNR/L22R	●	●	52	40	27	300	38	15°						
S50U-MTUNR/L22R	●	●	62	50	31	350	48	12°						

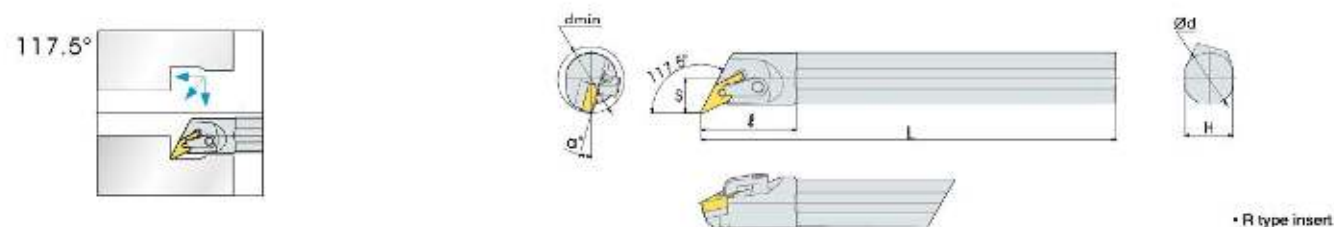
>>> MTQNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert					
	R	L	dmin	φd	S	L	H	α°		刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
S20Q-MTQNR/L16	●	●	28	20	13	180	18	15°	TN□□1604□□	X	CIM510	HL1812	ML0622	12.0,13.0
S25R-MTQNR/L16	●	●	34	25	17	200	23	13°						
S32S-MTQNR/L16	●	●	45	32	22.5	250	30	17°						
S40T-MTQNR/L16	●	●	52	40	27	300	38	15°		MT1603	CTM513	HL1814	ML0625	
S50U-MTQNR/L16	●	●	62	50	31	350	48	12°						

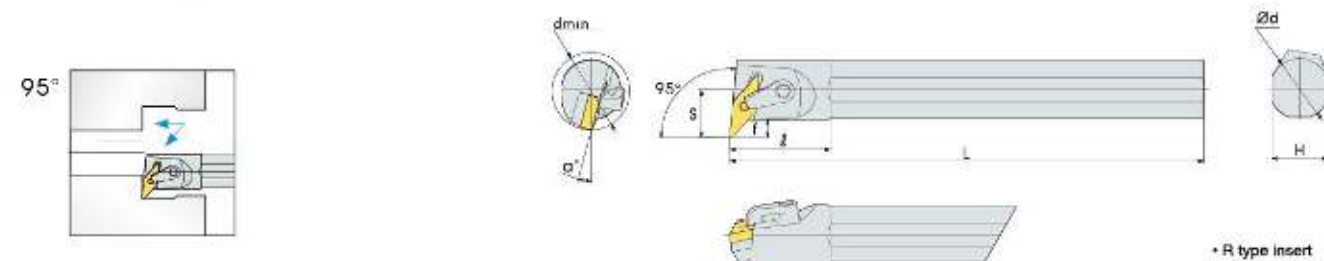
内孔车刀系列 Boring bar

>>> MVQNR/L



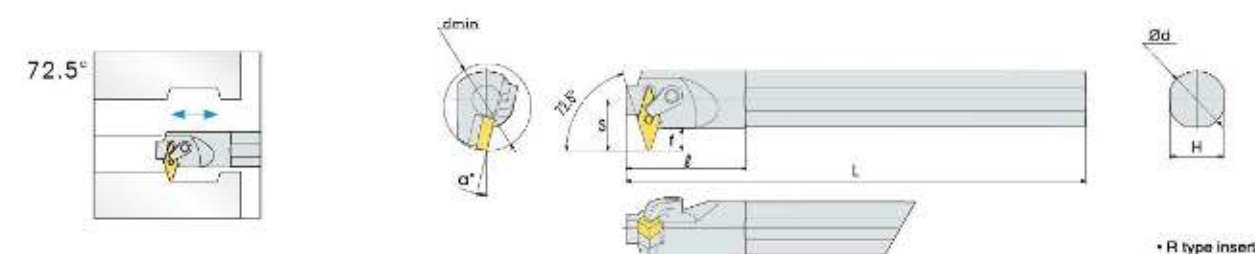
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S25R-MVQNR/L16	●	●	34	25	17	200	23	12°	VN□□1604□□	X	CTM510	HL2114	ML0625	L2.5,L3.0
S32S-MVQNR/L16	●	●	46	32	23	250	30	17°		MV1603	CTM513	HL2414		
S40T-MVQNR/L16	●	●	54	40	27	300	38	15°						
S50U-MVQNR/L16	●	●	64	50	32	350	48	12°						

>>> MVUNR/L



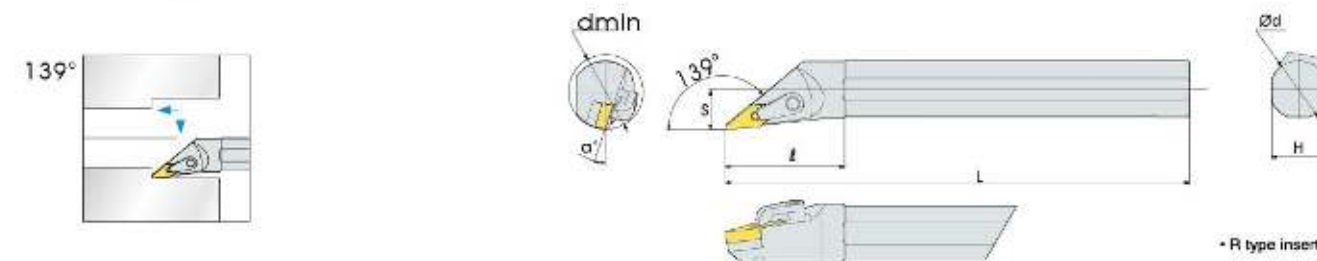
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S25R-MVUNR/L16	●	●	38	25	20	200	23	12°	VN□□1604□□	X	CTM510	HL2414	ML0625	L2.0,L3.0
S32S-MVUNR/L16	●	●	44	32	22	250	30	17°		MV1603	CTM513			
S40T-MVUNR/L16	●	●	54	40	27	300	38	15°						
S50U-MVUNR/L16	●	●	64	50	32	350	48	12°						

>>> MVWNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S25R-MVWNR/L16	●	●	40	25	23	200	23	12°	VN□□1604□□	X	CTM510	HL1814	ML0622	L2.0,L3.0
S32S-MVWNR/L16	●	●	46	32	26	250	30	13°		MV1603	CTM513			

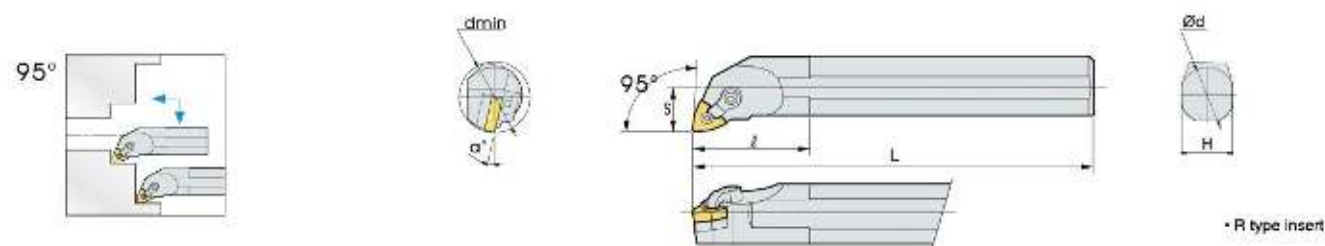
>>> MVXNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°						
S20Q-MVXNR/L16	●	●	34	20	14	180	18	15°	VN□□1604□□	X	CTM510	HL2412	ML0622	L2.0,L3.0
S25R-MVXNR/L16	●	●	34	25	17	200	23	12°						
S32S-MVXNR/L16	●	●	44	32	22	250	30	17°						
S40T-MVXNR/L16	●	●	50	40	25	300	38	15°						
S50U-MVXNR/L16	●	●	62	50	31	350	48	12°						

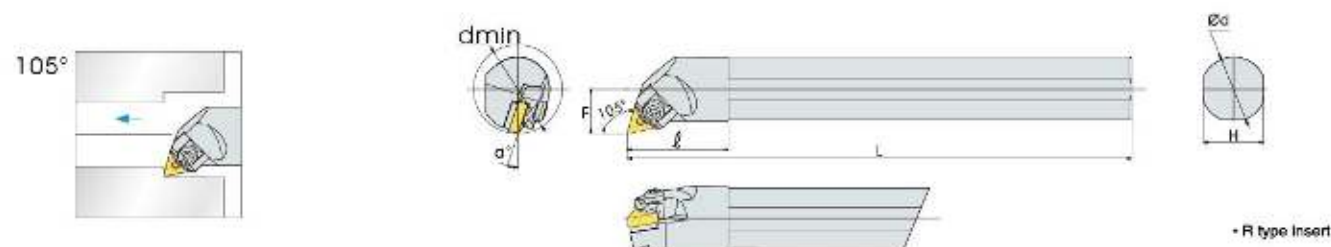
内孔车刀系列 Boring bar

>>> MWLNR/L



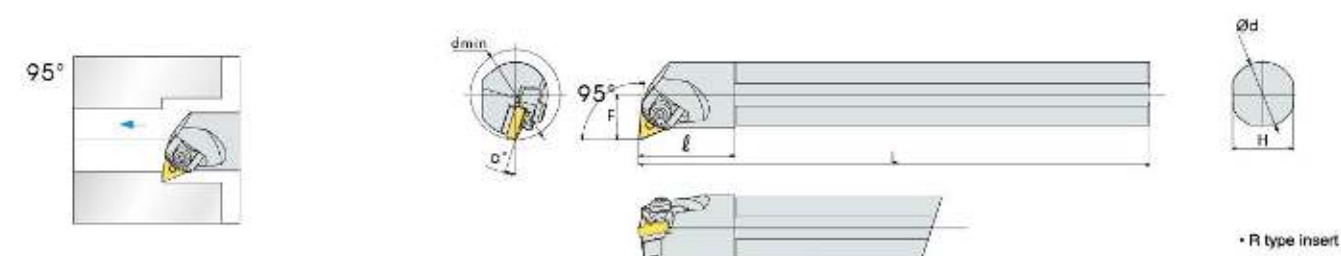
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	F	L	H	α°						
S16Q-MWLNR/L06	●	●	25	16	11	180	15	17°	WN□□0604□□	X	CTM510	HL1511	ML0519	L2.0,L2.5
S20Q-MWLNR/L06	●	●	30	20	13	180	18	15°				HL2414	ML0625	L2.0,L3.0
S25R-MWLNR/L06	●	●	34	25	17	200	23	13°	WN□□0804□□	X	CTM613	HL1812	ML0622	L2.5,L3.0
S20Q-MWLNR/L08	●	●	30	20	13	180	18	15°				HL1814	ML0625	
S25R-MWLNR/L08			34	25	17	200	23	13°	WN□□0804□□	MW0804	CTM617			
S32S-MWLNR/L08			44	32	22	250	30	17°						
S40T-MWLNR/L08			52	40	27	300	38	15°						
S50U-MWLNR/L08			62	50	31	350	48	12°						

>>> WTQNR/L



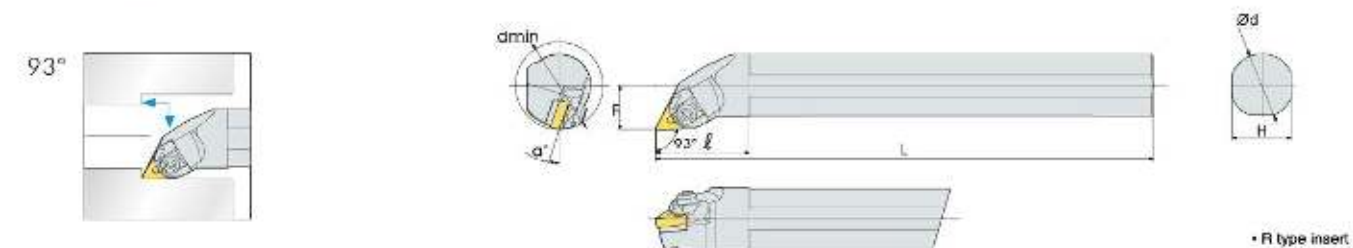
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sloppering	扳手 Wrench
	R	L	dmin	φd	F	L	H	α°							
S25R-WTQNR/L16	●	●	32	25	17	200	23	12°	TN□□1604□□	X	CTM5-11	WT16N	WTCW	KH540	L2.5,L4.0
S32S-WTQNR/L16	●	●	40	32	22	250	30	17°		MT16-S	CTM5-S	WT16	WTCW	KH540	L2.5,L4.0
S32S-WTQNR/L22	●	●	44	32	22	250	30	17°	TN□□2204□□	MT2204	CTM6-S	WT22-N	WTCW	KH540	L3.0,L4.0
S40T-WTQNR/L22	●	●	52	40	27	300	38	15°							

>>> WTUNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sloppering	扳手 Wrench
	R	L	dmin	φd	F	L	H	α°							
S25R-WTUNR/L16	●	●	32	25	17	200	23	13°	TN□□1604□□	X	CTM5-11	WT16N	WTCW	KH540	L2.5,L4.0
S32S-WTUNR/L16	●	●	40	32	22	250	30	17°		MT16-S	CTM5-S	WT16	WTCW	KH540	L2.5,L4.0

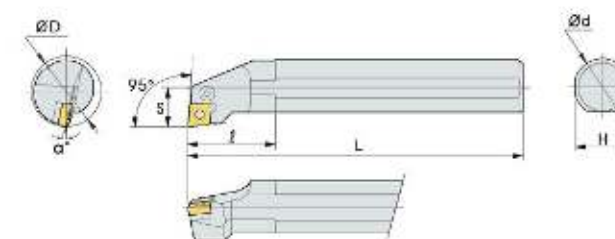
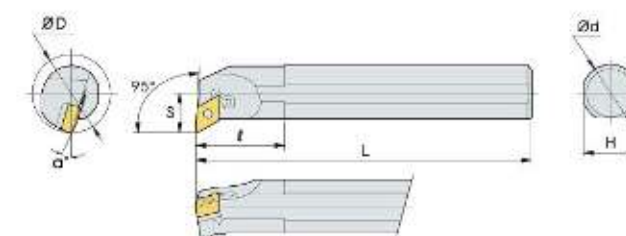
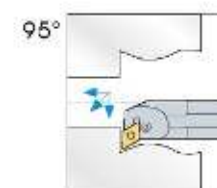
>>> WTJNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Sloppering	扳手 Wrench
	R	L	dmin	φd	F	L	H	α°							
S25R-WTJNR/L16	●	●	32	25	17	200	23	12°	TN□□1604□□	X	CTM5-11	WT16N	WTCW	KH540	L2.5,L4.0
S32S-WTJNR/L16	●	●	40	32	22	250	30	17°		MT16-S	CTM5-S	WT16	WTCW	KH540	L2.5,L4.0
S32S-WTJNR/L22	●	●	44	32	22	250	30	17°	TN□□2204□□	MT2204	CTM6-S	WT22-N	WTCW	KH540	L3.0,L4.0
S40T-WTJNR/L22	●	●	52	40	27	300	38	15°							



95°

>>> PDUNR/L

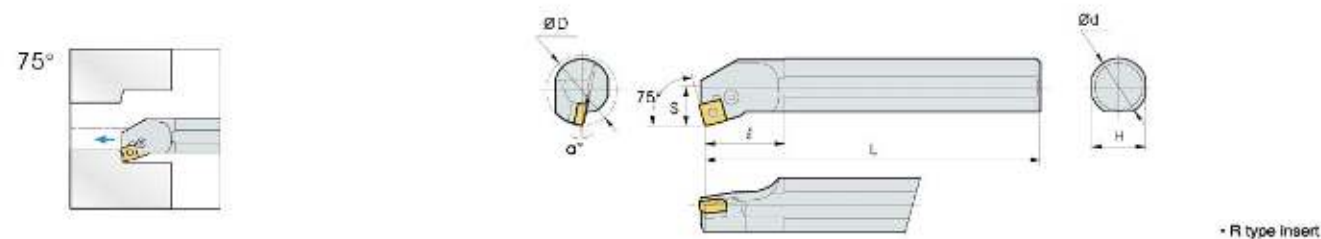
型号 Designation	库存 Stock		尺寸: Size						刀片 Insert	 刀垫 Shim	 杠杆 Lever	 螺丝 Screw	 垫片 Shim pin	 扳手 Wrench
	R	L	ΦD	Φd	S	L	H	α°						
S20Q-PDUNR/L11	●	●	26	20	13	180	18	15°	DN□□1104□□	X	LV3D	VHX0512B	X	L2.0
S25R-PDUNR/L11	●	●	34	25	17	200	23	13°		SD317	LV3	VHX0617	SP3	L2.5
S32S-PDUNR/L11	●	●	44	32	22	250	30	17°						
S32S-PDUNR/L1506	●	●	44	32	22	250	30	17°	DN□□1506□□	SD42	LV48	VHX0821	SP4	L3.0
S40T-PDUNR/L1506	●	●	54	40	27	300	38	15°						
S50U-PDUNR/L1506	●	●	64	50	32	350	48	12°						

<http://www.sandhogtools.com/A071/>

E Carbide tools
硬质合金刀具

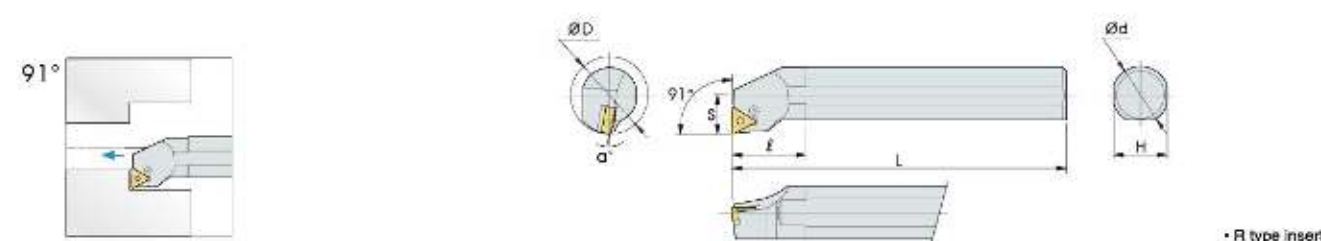
内孔车刀系列 Boring bar

>>> PSKNR/L



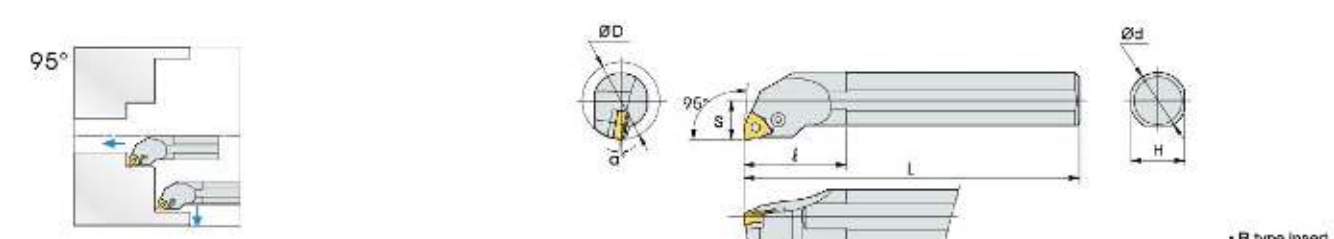
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shim pin	扳手 Wrench
	R	L	ØD	Ød	S	L	H	α°						
S20Q-PSKNR/L12	●	●	26	20	13	180	18	12°	SN□□1204□□	X	LV4A	VHX0613A	X	L2.5
S25R-PSKNR/L12	●	●	32	25	17	200	23	12°		SS42	LV4	VHX0821	SP4	L3.0
S32S-PSKNR/L12	●	●	40	32	22	250	30	12°						
S40T-PSKNR/L12	●	●	50	40	27	300	37	12°						

>>> PTFNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shim pin	扳手 Wrench
	R	L	ØD	Ød	S	L	H	α°						
S20Q-PTFNR/L16	●	●	26	20	13	180	18	13°	IN□□1604□□	X	LV3B	VHX0512B	X	L2.0
S25R-PTFNR/L16	●	●	34	25	17	200	23	13°		ST317	LV3	VHX0617	SP3	L2.5
S32S-PTFNR/L16	●	●	44	32	22	250	30	13°						
S40T-PTFNR/L16	●	●	54	40	27	300	37	10°						

>>> PWLNR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	杠杆 Lever	螺丝 Screw	垫片 Shim pin	扳手 Wrench
	R	L	ØD	Ød	S	L	H	α°						
S16Q-PWLNR/L06	●	●	20	16	11	180	15	17°	WN□□0604□□	X	LV3B	VHX0512B	X	L2.0
S20Q-PWLNR/L06	●	●	26	20	13	180	18	15°		SW317	LV3	VHX0613B	SP3	L2.5
S25R-PWLNR/L06	●	●	34	25	17	200	23	17°						
S32S-PWLNR/L06	●	●	44	32	22	250	30	13°						
S20Q-PWLNR/L08	●	●	26	20	13	180	18	15°	WN□□0804□□	X	LV4A	VHX0613A	X	L2.5
S25R-PWLNR/L08	●	●	34	25	17	200	23	12°		SW42	LV4	VHX0821	SP4	L3.0
S32S-PWLNR/L08	●	●	44	32	22	250	30	13°						
S40T-PWLNR/L08	●	●	54	40	27	300	38	15°						

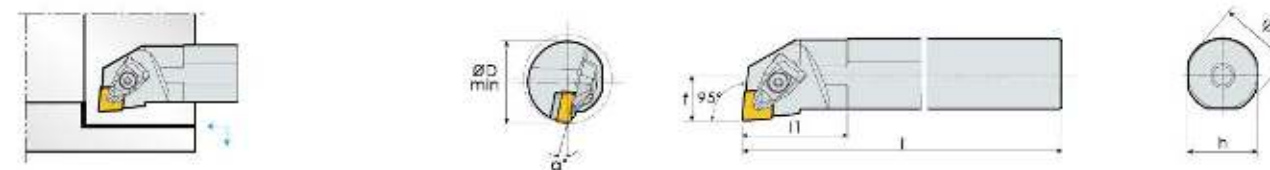
A 内孔车刀系列

Boring bar

A

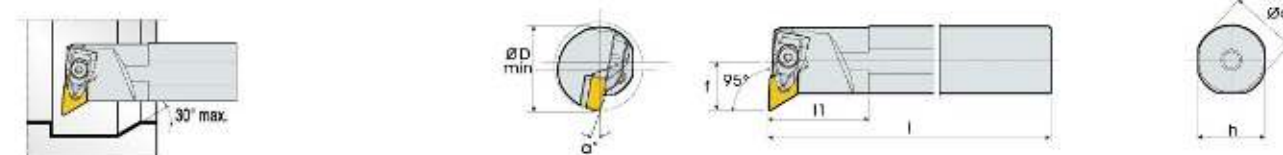


>>> ACLNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	dmin	h	l	t	α°							
S25R-ACLR/L12	●	●	32	23	200	17	13°	CN□□1204□□	DIM4	DLS4	TC1203	M5X12T	DSP4	L3.0,T20
S32S-ACLR/L12	●	●	40	30	250	22	13°							
S40T-ACLR/L12	●	●	48	37	300	27	13°							
S50U-ACLR/L12	●	●	58	48	350	35	10°							

>>> ADUNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	dmin	h	l	t	α°							
S32S-ADUNR/L12	●	●	40	30	250	22	13°	DN□□1506□□	DIM4	DLS4	TD1503	M5X12T	DSP4	L3.0,T20
S40T-ADUNR/L12	●	●	50	38	300	27	12°							
S50U-ADUNR/L12	●	●	58	48	350	35	10°							

A 车削刀具
Turning tool

B 硬质合金刀片
Carbide insert

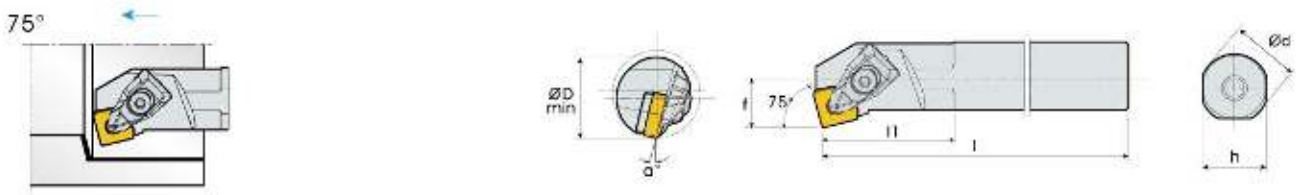
C 铣削刀具
Milling tool

D 钻削刀具
Drill tool

E 硬质合金刀具
Carbide tools

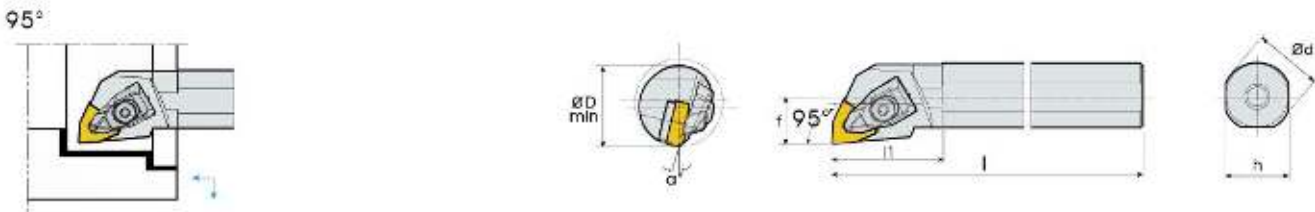
内孔车刀系列 Boring bar

ASKNR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	dmin	h	l	f	α°							
S25R-ASKNR/L12	●	●	32	23	200	17	13°	SN□□1204□□	DLM4	DLS4	TS1203	M5X12T	DSP4	L3.0,T20
S325-ASKNR/L12	●	●	40	30	250	22	13°							

AWLNR/L

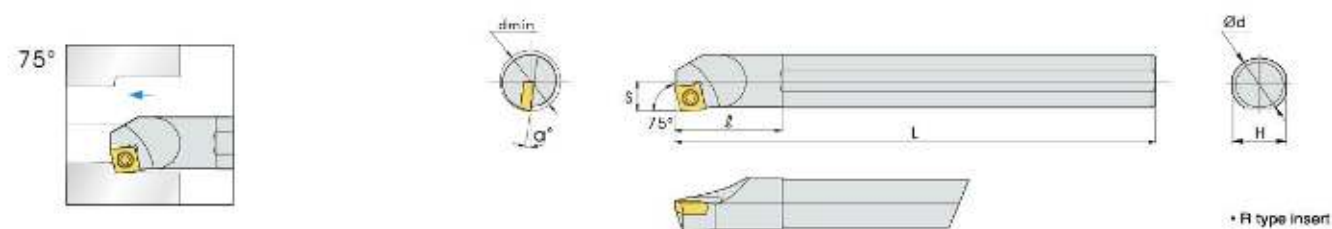


型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	刀垫 Shim	螺丝 Screw	弹簧 Spring	扳手 Wrench
	R	L	dmin	h	l	f	α°							
S20Q-AWLNR/L06	●	●	26	18	180	13	15°	WN□□0604□□	DLM3	DLS3	MW0603	A-M4	DSP3	12.5
S25R-AWLNR/L06	●	●	32	23	200	17	13°							
S325-AWLNR/L06	●	●	40	30	250	22	13°							
S20Q-AWLNR/L08	●	●	28	18	180	13	15°	WN□□0804□□	DLM4	DLS4	TW0803	M5X12T	DSP4	L3.0,T20
S25R-AWLNR/L08	●	●	32	23	200	17	13°							
S325-AWLNR/L08	●	●	40	30	250	22	13°							

A 内孔车刀系列 Boring bar S



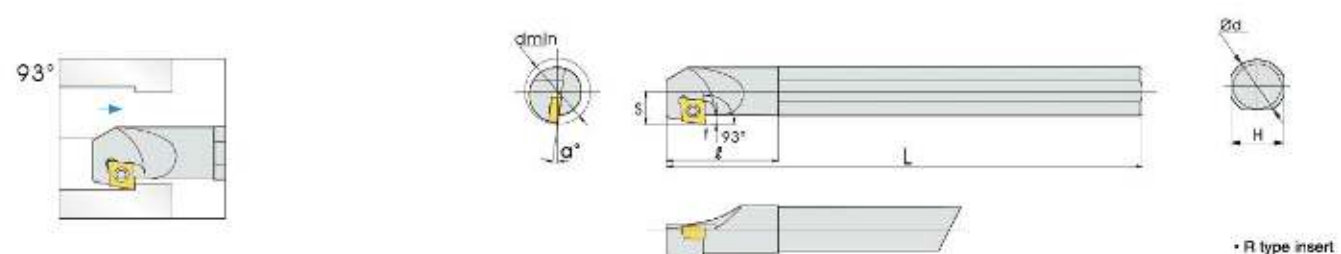
>>> SCKCR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S08K-SCKCR/L06	●	●	11	8	5.5	125	7	13°	CC□□0602□□	M2.5X5	T8
S10K-SCKCR/L06	●	●	12	10	6	125	9	12°		M2.5X6	
S12M-SCKCR/L06	●	●	14	12	7	150	11	10°			
S12M-SCKCR/L09	●	●	16	12	8	150	11	12°	CC□□09T3□□	M3.5X9	T15
S16Q-SCKCR/L09	●	●	18	16	9.5	180	15	10°			
S20Q-SCKCR/L09	●	●	23	20	11.5	180	18	8°			
S25R-SCKCR/L09	●	●	28	25	14	200	23	8°	CC□□1204□□	M5.0X12	T20
S25R-SCKCR/L12	●	●	30	25	15	200	23	6°			
S32S-SCKCR/L12	●	●	34	32	18	250	30	6°			

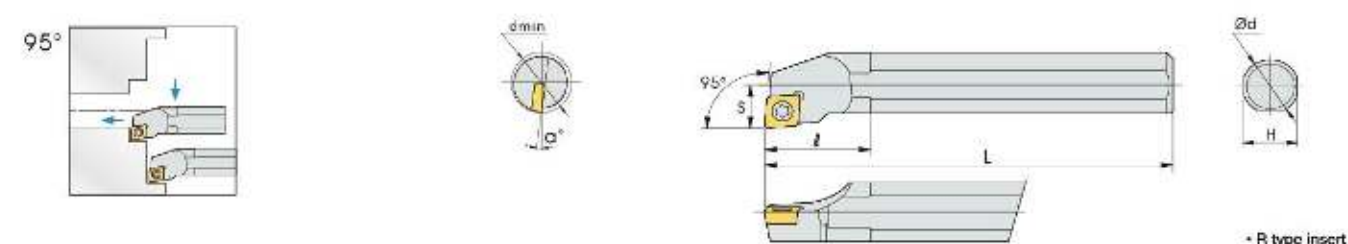
>>> SCZCR/L



• R type insert

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S08K-SCZCR/L06	●	●	11	8	6.5	125	7	13°	CC□□0602□□	M2.5X5	T8
S10K-SCZCR/L06	●	●	13	10	7.5	125	9	12°			
S12M-SCZCR/L06	●	●	15	12	8.5	150	11	10°		M2.5X6	
S16Q-SCZCR/L06	●	●	19	16	10.5	180	15	8°	CC□□09T3□□	M3.5X9	T15
S16Q-SCZCR/L09	●	●	22	16	11.5	180	15	10°			
S20Q-SCZCR/L09	●	●	26	20	13.5	180	18	8°			
S25R-SCZCR/L09	●	●	29	25	16	200	23	6°			

>>> SCLCR/L

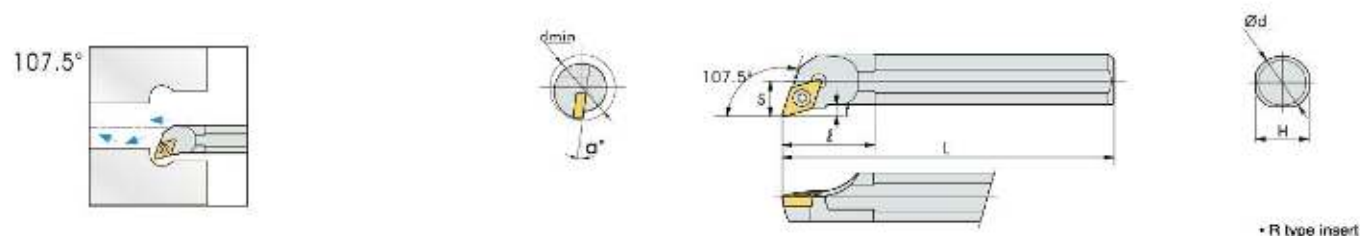


• R type insert

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S07K-SCLCR/L06	●	●	9	8	4.2	125	7	15°	CC□□0602□□	M2.5X5	T8
S08K-SCLCR/L06	●	●	10	8	5	125	7	13°			
S08K-SCLCR/L06-A16	●	●	10	16	5	125	15	13°			
S10K-SCLCR/L06	●	●	12	10	6	125	9	12°	CC□□0602□□	M2.5X6	T8
S10K-SCLCR/L06-A16	●	●	12	16	6	125	15	12°			
S12M-SCLCR/L06	●	●	14	12	7	150	11	10°			
S12M-SCLCR/L06-A16	●	●	14	16	7	150	15	10°	CC□□09T3□□	M3.5X9	T15
S12M-SCLCR/L09	●	●	15	12	8	150	11	12°			
S14M-SCLCR/L09	●	●	16	14	8	150	13	12°			
S14Q-SCLCR/L09	●	●	16	14	8	180	13	12°	CC□□09T3□□	M3.5X9	T15
S16Q-SCLCR/L09	●	●	19	16	9.5	180	15	10°			
S20Q-SCLCR/L09	●	●	23	20	11.5	180	18	8°			
S25R-SCLCR/L09	●	●	28	25	14	200	23	6°	CC□□1204□□	M5.0X12	T20
S32S-SCLCR/L09	●	●	34	32	18	250	30	6°			
S40T-SCLCR/L09	●	●	42	40	22	300	38	4°			
S20Q-SCLCR/L12	●	●	24	20	12	180	18	8°	CC□□1204□□	M5.0X12	T20
S25R-SCLCR/L12	●	●	34	25	14.5	200	23	5°			
S32S-SCLCR/L12	●	●	36	32	18	250	30	6°			
S40T-SCLCR/L12	●	●	44	40	22	300	38	4°			
S50U-SCLCR/L12	●	●	54	50	26	300	38	4°			

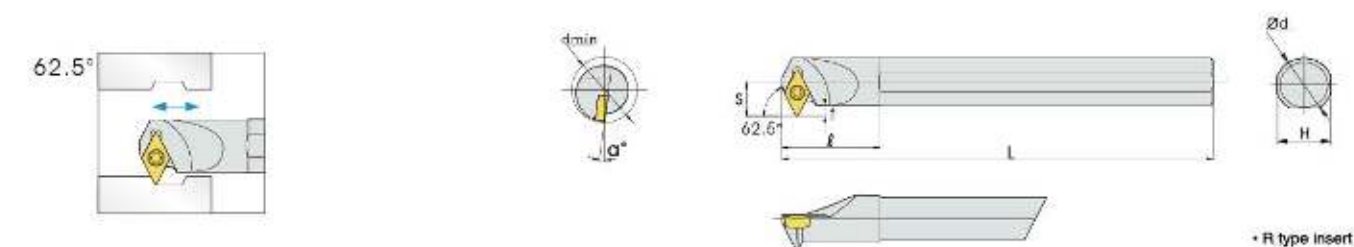
内孔车刀系列 Boring bar

>>> SDQCR/L



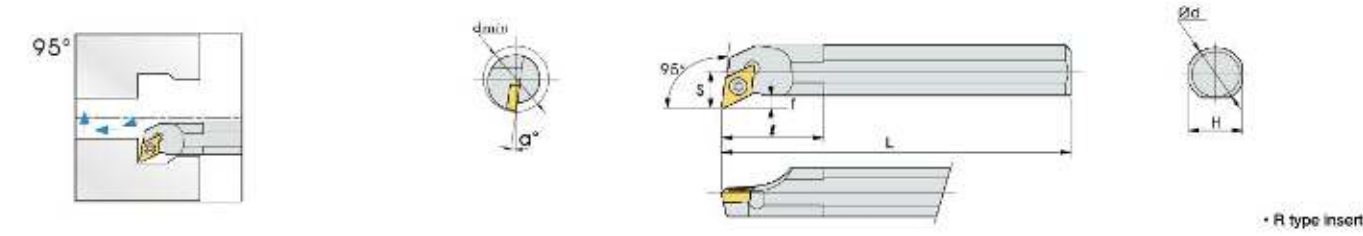
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 螺丝 Screw	 扳手 Wrench
	R	L	dmin	ΦD	S	L	H	α°			
S08K-SDQCR/L07	●	●	12	8	6	125	7	12°	DC□□0702□□	M2.5X5	T8
S10K-SDQCR/L07	●	●	13	10	7	125	9	10°			
S12M-SDQCR/L07	●	●	16	12	9	150	11	8°			
S16Q-SDQCR/L07	●	●	20	16	11	180	15	6°			
S20Q-SDQCR/L07	●	●	25	20	13	180	18	6°	DC□□11T3□□	M3.5X9	T15
S16Q-SDQCR/L11	●	●	20	16	11	180	15	8°			
S20Q-SDQCR/L11	●	●	25	20	13	180	18	6°			
S25R-SDQCR/L11	●	●	32	25	17	200	23	5°			
S32S-SDQCR/L11	●	●	40	32	22	250	30	4°			

>>> SDWCR/L



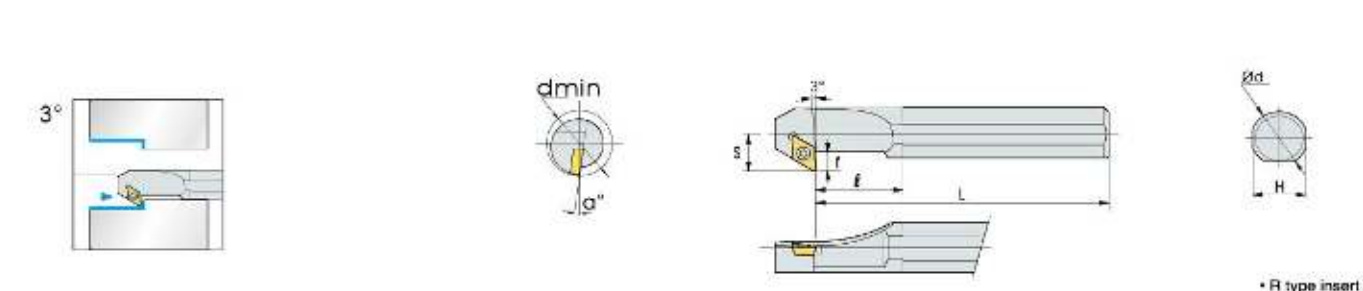
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Φd	S	L	H	α°			
S10K-SDWCR/L07	●	●	14	10	9	125	9	10°	DC□□0702□□	M2.5X6	T8
S12M-SDWCR/L07	●	●	18	12	10.5	150	11	10°			
S16Q-SDWCR/L07	●	●	21	16	12.5	180	15	8°			
S20Q-SDWCR/L07	●	●	25	20	14.5	180	18	6°			
S20Q-SDWCR/L11	●	●	27	20	14.5	180	18	6°	DC□□11T3□□	M3.5X9	T15
S25R-SDWCR/L11	●	●	32	25	17	200	23	5°			
S32S-SDWCR/L11	●	●	38	32	22	250	30	2°			

>>> SDUCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 螺丝 Screw	 扳手 Wrench
	R	L	dmin	Φd	S	L	H	α°			
S08K-SDUCR/L07	●	●	12	8	8	125	7	10°	DC□□0702□□	M2.5X5	T8
S10K-SDUCR/L07	●	●	13	10	8	125	9	10°			
S12M-SDUCR/L07	●	●	16	12	9	150	11	8°			
S16Q-SDUCR/L07	●	●	20	16	11	180	15	6°			
S16Q-SDUCR/L11	●	●	20	16	13	180	15	8°	DC□□11T3□□	M3.5X9	T15
S20Q-SDUCR/L11	●	●	25	20	14.5	180	18	6°			
S25R-SDUCR/L11	●	●	32	25	17	200	23	5°			
S32S-SDUCR/L11	●	●	40	32	22	250	30	4°			
S40I-SDUCR/L11	●	●	46	40	25	300	38	4°			

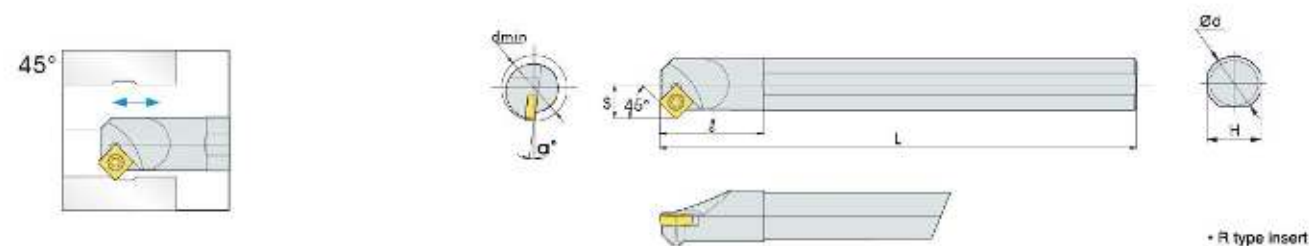
>>> SDZCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Φd	S	L	H	α°			
S10K-SDZCR/L07	●	●	15	10	8.5	125	9	12°	DC□□0702□□	M2.5X6	T8
S12M-SDZCR/L07	●	●	18	12	10	150	11	10°			
S16Q-SDZCR/L07	●	●	24	16	13	180	15	6°			
S20Q-SDZCR/L07	●	●	25	20	14.5	180	18	6°			
S20Q-SDZCR/L11	●	●	26	20	15	180	18	8°	DC□□11T3□□	M3.5X9	T15
S25R-SDZCR/L11	●	●	32	25	17	200	23	6°			
S32S-SDZCR/L11	●	●	40	32	22	250	30	4°			

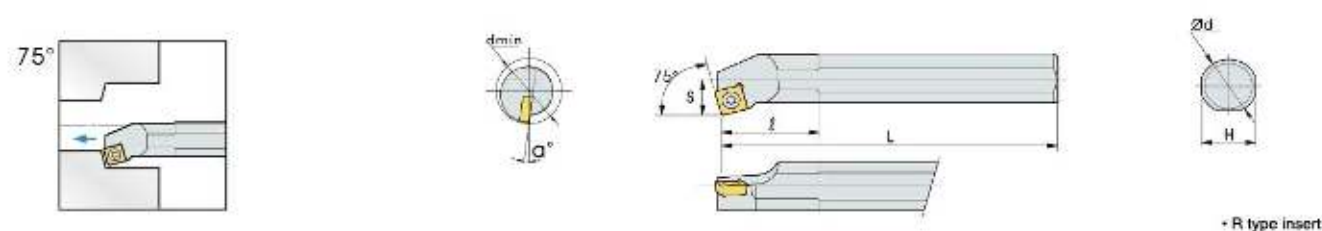
内孔车刀系列 Boring bar

>>> SSSCR/L



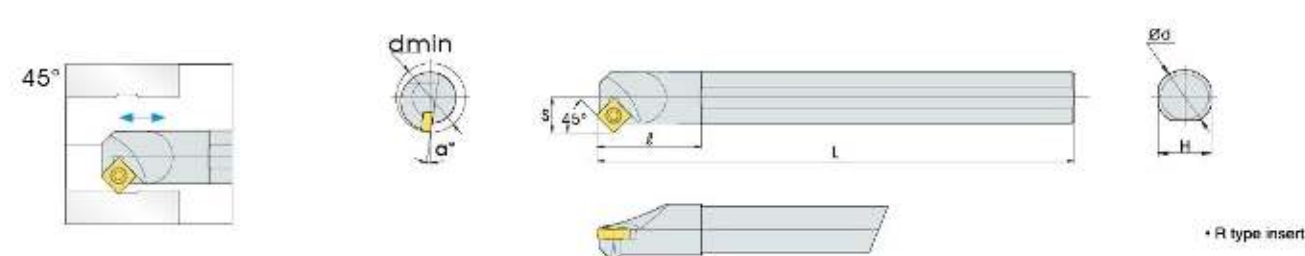
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Ød	S	L	H	α°			
S12M-SSSCR/L09	●	●	16	12	9	150	11	12°	SC□□09T3□□	M3.5X9	T15
S16Q-SSSCR/L09	●	●	21	16	11.5	180	15	10°			
S20Q-SSSCR/L09	●	●	25	20	13.5	180	18	8°			
S25R-SSSCR/L09	●	●	30	25	16	200	23	6°			
S32S-SSSCR/L09	●	●	40	32	22	250	30	6°			
S20Q-SSSCR/L12	●	●	25	20	13.5	180	18	8°	SC□□1204□□	M5.0X12	T20
S25R-SSSCR/L12	●	●	32	25	17	200	23	6°			
S32S-SSSCR/L12	●	●	40	32	22	250	30	4°			

>>> SSKCR/L



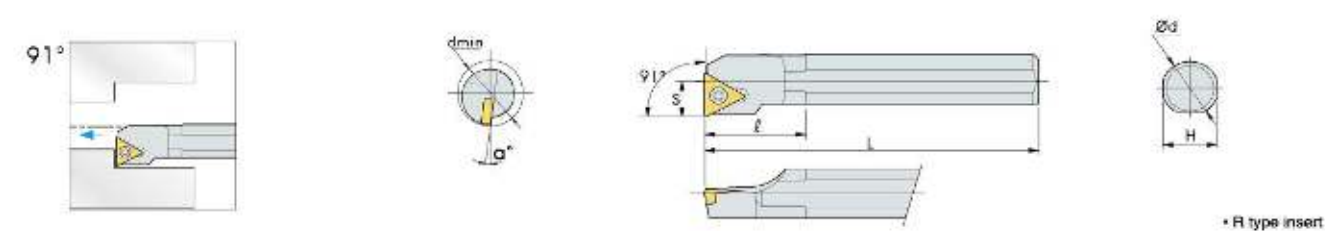
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Ød	S	L	H	α°			
S12M-SSKCR/L09	●	●	15	12	8.5	150	11	12°	SC□□09T3□□	M3.5X9	T15
S16Q-SSKCR/L09	●	●	19	16	10.5	180	15	10°			
S20Q-SSKCR/L09	●	●	25	20	13	180	18	8°			
S25R-SSKCR/L09	●	●	28	25	15	200	23	6°			

>>> SSSPR/L



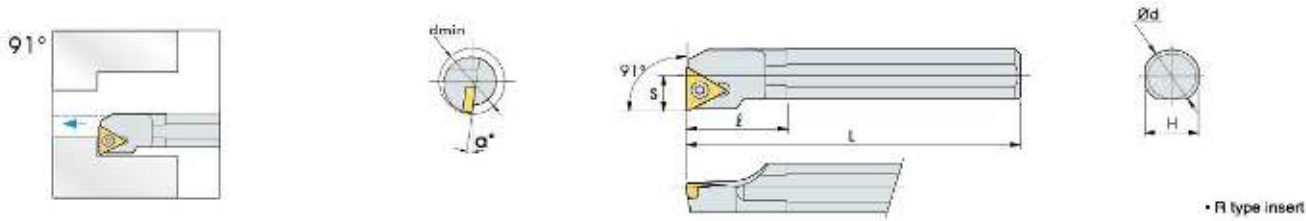
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Ød	S	L	H	α°			
S12M-SSSPR/L09	●	●	15	12	9	150	11	8°	SP□□09T3□□	M3.5X9	T15
S16Q-SSSPR/L09	●	●	19	16	11	180	15	6°			
S20Q-SSSPR/L09	●	●	25	20	13	180	18	4°			
S25R-SSSPR/L09	●	●	30	25	17	200	23	4°			
S32S-SSSPR/L09	●	●	38	32	22	250	30	4°			

>>> STFPR/L



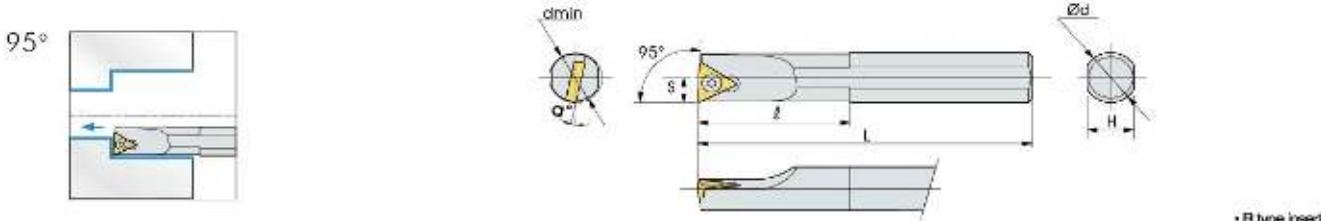
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 螺丝 Screw	 扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S08K-STFPR/L09	●	●	10	8	5	125	7	10°	TP□□0902□□	M2.5X5	T8
S10K-STFPR/L09	●	●	12	10	6	125	9	8°		M2.5X6	
S10K-STFPR/L11	●	●	12	10	6	125	9	12°	TP□□1103□□	M3.0X6	T8
S12M-STFPR/L11	●	●	14	12	7	150	11	10°		M3.0X8	
S16Q-STFPR/L11	●	●	18	16	9	180	15	8°			
S20Q-STFPR/L11	●	●	21	20	11	180	18	6°			
S20Q-STFPR/L16	●	●	21	20	11	180	18	6°	TP□□1603□□	M3.5X9	T15
S25R-STFPR/L16			27	25	14	200	23	6°			

>>>STFCR/L



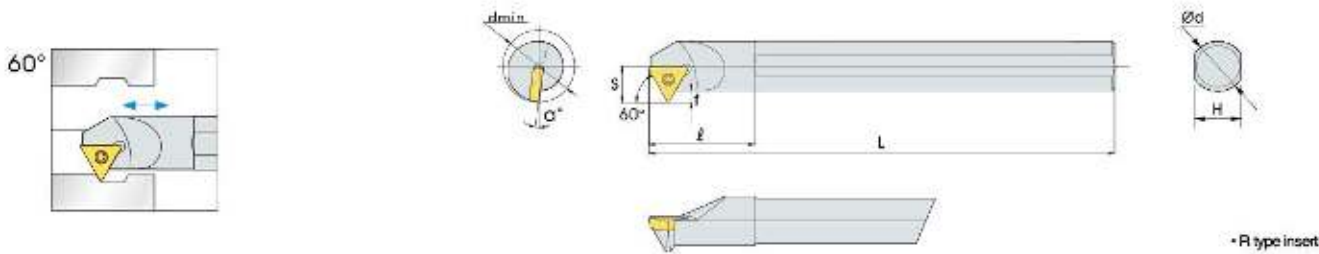
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Ød	S	L	H	α°			
S08K-STFCR/L09	●	●	10	8	5.5	125	7	15°	TC□□0902□□	M2.2X5	T6
S10K-STFCR/L09	●	●	12	10	6	125	9	13°			
S12M-STFCR/L09	●	●	14	12	7	150	11	10°			
S16Q-STFCR/L09	●	●	17	16	9	180	15	8°	TC□□1102□□	M2.5X6	T8
S10K-STFCR/L11	●	●	12	10	6	125	9	12°			
S12M-STFCR/L11	●	●	14	12	7	150	11	10°			
S16Q-STFCR/L11	●	●	18	16	9	180	15	8°	TC□□16T3□□	M3.5X9	T15
S20Q-STFCR/L11	●	●	21	20	11	180	18	6°			
S25R-STFCR/L11	●	●	24	25	13	200	23	6°			
S32S-STFCR/L11	●	●	28	32	16	250	30	6°	TC□□16T3□□	M3.5X9	T15
S16Q-STFCR/L16	●	●	18	16	9.5	180	15	10°			
S20Q-STFCR/L16	●	●	22	20	11.5	180	18	8°			
S25R-STFCR/L16	●	●	27	25	14	200	23	6°	TC□□16T3□□	M3.5X9	T15
S32S-STFCR/L16	●	●	34	32	17.5	250	30	6°			
S40T-STFCR/L16	●	●	42	40	21.5	300	38	4°			
S50U-STFCR/L16	●	●	52	50	26.5	350	48	6°	TC□□16T3□□	M3.5X9	T15

>>>STUCR/L



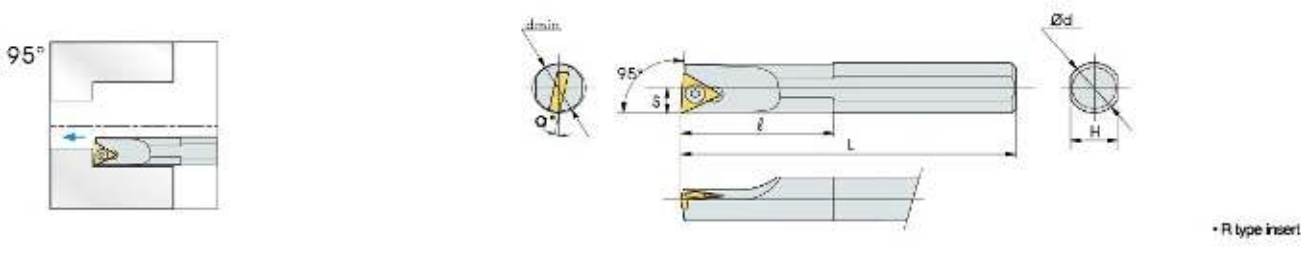
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Ød	S	L	H	α°			
S08K-STUCR/L09	●	●	10	8	5.5	125	7	15°	TC□□0902□□	M2.2X5	T6
S08K-STUCR/L09-A16	●	●	10	16	5.5	125	15	15°			
S10K-STUCR/L09	●	●	12	10	6.5	125	9	13°			
S10K-STUCR/L09-A16	●	●	12	16	6.5	125	15	13°	TC□□1102□□	M2.5X6	T8
S12M-STUCR/L09	●	●	14	12	7	150	11	10°			
S10K-STUCR/L11	●	●	12	10	6	125	9	12°			
S10K-STUCR/L11-A16	●	●	12	16	6	125	15	12°	TC□□1102□□	M2.5X6	T8
S12M-STUCR/L11	●	●	14	12	7	150	11	10°			
S12M-STUCR/L11-A16	●	●	14	16	7	150	15	10°			
S14M-STUCR/L11	●	●	16	14	8	150	13	8°	TC□□16T3□□	M3.5X9	T15
S16Q-STUCR/L11	●	●	18	16	9	180	15	8°			
S20Q-STUCR/L11	●	●	22	20	11	180	18	6°			
S25R-STUCR/L11	●	●	27	25	14	200	23	6°	TC□□16T3□□	M3.5X9	T15
S20Q-STUCR/L16	●	●	22	20	11.5	180	18	8°			
S25R-STUCR/L16	●	●	27	25	14	200	23	6°			
S32S-STUCR/L16	●	●	34	32	17.5	250	30	6°	TC□□16T3□□	M3.5X9	T15
S40T-STUCR/L16	●	●	43	40	22	300	38	4°			

>>>STWCR/L



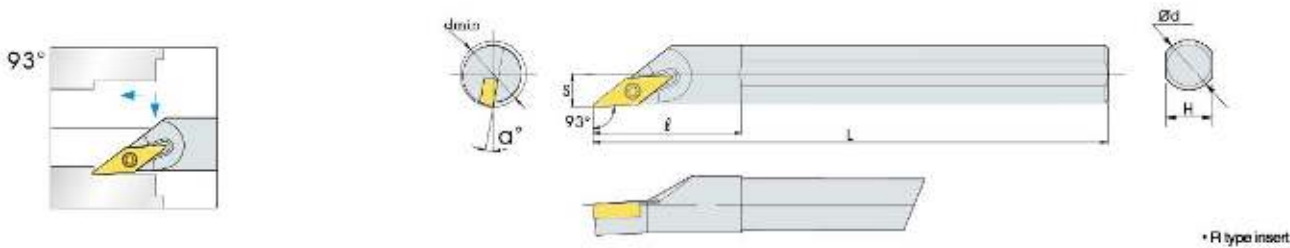
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	Ød	S	L	H	α°			
S08K-STWCR/L09	●	●	12	8	6	125	7	13°	TC□□0902□□	M2.2X5	T8
S10K-STWCR/L09	●	●	12	10	8	125	9	10°			
S10K-STWCR/L11	●	●	14	10	8	125	9	10°			
S12M-STWCR/L11	●	●	16	12	9	150	11	8°	TC□□1102□□	M2.5X6	T8
S16Q-STWCR/L11	●	●	20	16	11	180	15	6°			
S20Q-STWCR/L11	●	●	24	20	13	180	18	4°			
S20Q-STWCR/L16	●	●	28	20	14.5	180	18	8°	TC□□1613□□	M3.5X9	T15
S25R-STWCR/L16	●	●	32	25	17	200	23	6°			
S32S-STWCR/L16	●	●	36	32	20	250	30	6°			
S40T-STWCR/L16	●	●	45	40	24	300	38	4°			
S50U-STWCR/L16	●	●	56	50	31	350	48	4°			

>>>STUPR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 螺丝 Screw	 扳手 Wrench
	R	L	dmin	Φd	S	L	H	α°			
S08K-STUPR/L09	●	●	10	8	5	125	7	10°	TP□□0902□□	M2.5X5	T8
S10K-STUPR/L09	●	●	11	10	6	125	9	8°		M2.5X6	
S10K-STUPR/L11	●	●	12	10	6	125	9	12°		TP□□1103□□	M3.0X6
S12M-STUPR/L11	●	●	14	12	7	150	11	10°	M3.0X8		
S14M-STUPR/L11	●	●	16	14	8	150	13	8°			
S16Q-STUPR/L11	●	●	18	16	9	180	15	8°			
S20Q-STUPR/L11	●	●	21	20	11	180	18	6°			
S20Q-STUPR/L16	●	●	22	20	11.5	180	18	8°	TP□□1603□□	M3.5X9	T15
S25R-STUPR/L16	●	●	27	25	14	200	23	6°			
S32S-STUPR/L16	●	●	34	32	17.5	250	32	6°			
S40T-STUPR/L16	●	●	42	40	22	300	38	4°			
S50U-STUPR/L16	●	●	52	50	26.5	350	48	4°			

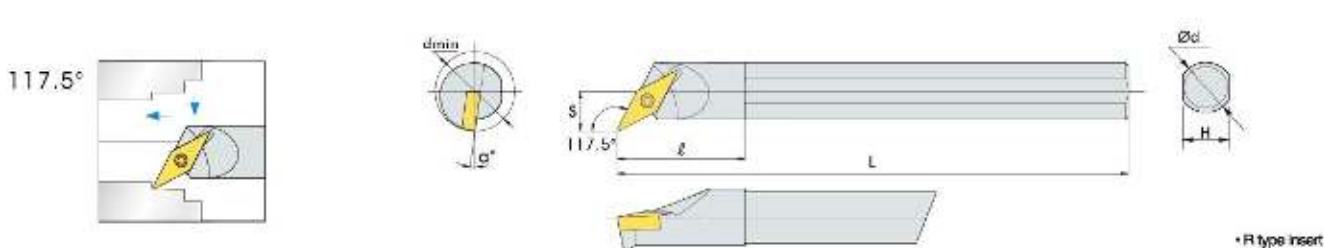
>>>SVJBR/L,SVJCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S10K-SVJBR/L11	●	●	11	10	6	125	9	13°	VB□□1103□□	M2.5X6	T8
S12M-SVJBR/L11	●	●	14	12	7	150	11	10°			
S16Q-SVJBR/L11	●	●	18	16	9.5	180	15	10°			
S20Q-SVJBR/L11	●	●	22	20	11.5	180	18	8°	VB□□1604□□	M3.5X9	T15
S16Q-SVJBR/L16	●	●	22	16	11.5	180	15	14°			
S20Q-SVJBR/L16	●	●	22	20	11.5	180	18	11°			
S25R-SVJBR/L16	●	●	27	25	14	200	23	9°			
S32S-SVJBR/L16	●	●	34	32	17.5	250	30	6°			

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S10K-SVJCR/L11	●	●	12	10	6	125	9	13°	VC□□1103□□	M2.5X6	T8
S12M-SVJCR/L11	●	●	14	12	7	150	11	10°			
S16Q-SVJCR/L11	●	●	18	16	9.5	180	15	10°			
S20Q-SVJCR/L11	●	●	22	20	11.5	180	18	8°	VC□□1604□□	M3.5X9	T15
S16Q-SVJCR/L16	●	●	22	16	9.5	180	15	12°			
S20Q-SVJCR/L16	●	●	24	20	11.5	180	18	10°			
S25R-SVJCR/L16	●	●	27	25	14	200	23	7°			
S32S-SVJCR/L16	●	●	34	32	17.5	250	30	6°			

>>>SVQBR/L,SVQCR/L



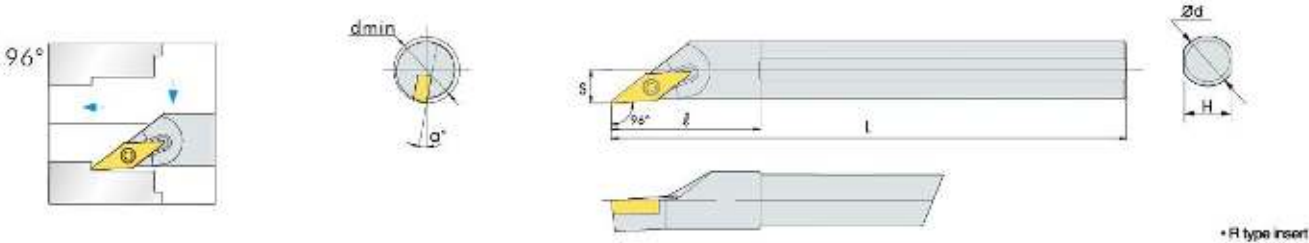
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S12M-SVQBR/L11	●	●	18	12	10	150	11	11°	VB□□1103□□	M2.5X6	T8
S16Q-SVQBR/L11	●	●	20	16	11.5	180	15	10°			
S20Q-SVQBR/L11	●	●	24	20	14	180	18	8°			
S20Q-SVQBR/L16	●	●	27	20	14	180	18	9°	VB□□1604□□	M3.5X9	T15
S25R-SVQBR/L16	●	●	32	25	17	200	23	8°			
S32S-SVQBR/L16	●	●	40	32	22.5	250	30	6°			
S40T-SVQBR/L16	●	●	50	40	27	300	38	6°			
S50U-SVQBR/L16	●	●	57	50	32	350	48	4°			

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S12M-SVQCR/L11	●	●	16	12	10	150	11	10°	VC□□1103□□	M2.5X6	T8
S16Q-SVQCR/L11	●	●	20	16	11.5	180	15	10°			
S20Q-SVQCR/L11	●	●	24	20	14	180	18	8°			
S20Q-SVQCR/L16	●	●	27	20	14	180	18	8°	VC□□1604□□	M3.5X9	T15
S25R-SVQCR/L16	●	●	32	25	17	200	23	6°			
S32S-SVQCR/L16	●	●	42	32	22.5	250	30	6°			
S40T-SVQCR/L16	●	●	50	40	27	300	38	6°			
S50U-SVQCR/L16	●	●	57	50	32	350	48	4°			

内孔车刀系列 Boring bar



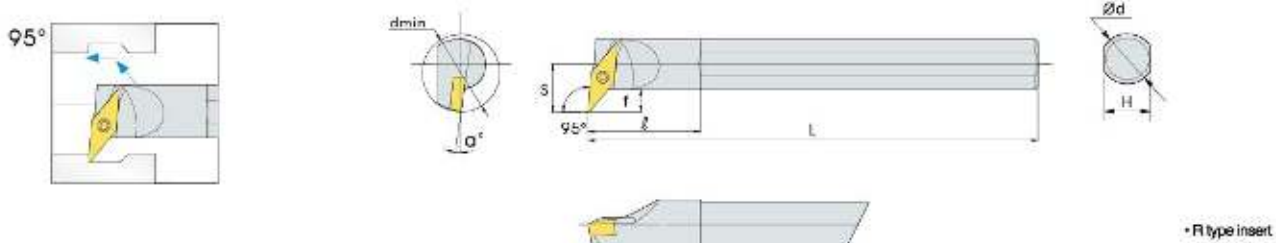
>>>SVXBR/L,SVXCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVXBR/L11	●	●	20	16	11	180	15	10°	VB□□1103□□	M2.5X6	T8
S20Q-SVXBR/L11	●	●	24	20	13	180	18	8°		M2.5X8	
S20Q-SVXBR/L16	●	●	24	20	13	180	18	9°	VB□□1604□□	M3.5X9	T15
S25R-SVXBR/L16	●	●	32	25	17	200	23	7°			
S32S-SVXBR/L16	●	●	36	32	19.5	250	30	7°			
S40T-SVXBR/L16	●	●	44	40	23.5	300	38	6°			
S50U-SVXBR/L16	●	●	57	50	31	350	48	4°			

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVXCR/L11	●	●	19	16	11	180	15	10°	VC□□1103□□	M2.5X6	T8
S20Q-SVXCR/L11	●	●	23	20	13	180	18	8°		M2.5X8	
S20Q-SVXCR/L16	●	●	23	20	13	180	18	8°	VC□□1604□□	M3.5X9	T15
S25R-SVXCR/L16	●	●	32	25	17	200	23	7°			
S32S-SVXCR/L16	●	●	36	32	19.5	250	30	6°			
S40T-SVXCR/L16	●	●	44	40	23.5	300	38	6°			
S50U-SVXCR/L16	●	●	57	50	31	350	48	4°			

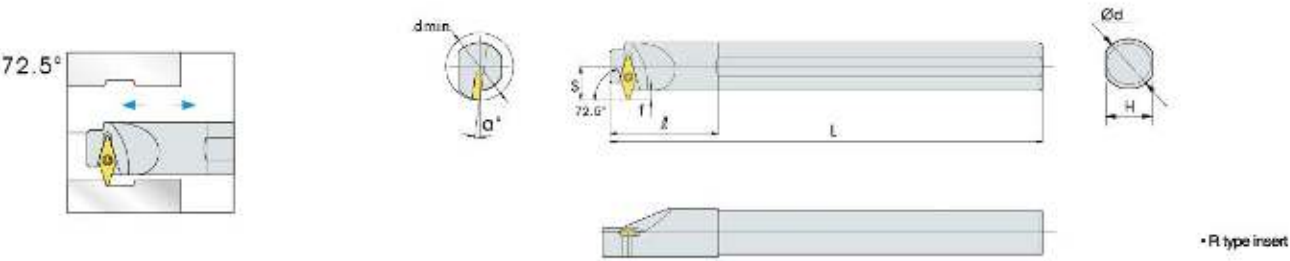
>>>SVUBR/L,SVUCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVUBR/L11	●	●	22	16	12	180	15	10°	VB□□1103□□	M2.5X6	T8
S20Q-SVUBR/L11	●	●	27	20	14	180	18	8°		M2.5X8	
S20Q-SVUBR/L16	●	●	34	20	19	180	18	8°	VB□□1604□□	M3.5X9	T15
S25R-SVUBR/L16	●	●	36	25	20	200	23	6°			
S32S-SVUBR/L16	●	●	40	32	22.5	250	30	6°			
S40T-SVUBR/L16	●	●	50	40	27	300	38	6°			
S50U-SVUBR/L16	●	●	57	50	31	350	48	4°			

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVUCR/L11	●	●	20	16	12	180	15	10°	VC□□1103□□	M2.5X6	T8
S20Q-SVUCR/L11	●	●	25	20	14	180	18	8°		M2.5X8	
S20Q-SVUCR/L16	●	●	29	20	19	180	18	8°	VC□□1604□□	M3.5X9	T15
S25R-SVUCR/L16	●	●	36	25	20	200	23	6°			
S32S-SVUCR/L16	●	●	42	32	22.5	250	30	6°			
S40T-SVUCR/L16	●	●	50	40	27	300	38	6°			
S50U-SVUCR/L16	●	●	57	50	31	350	48	4°			

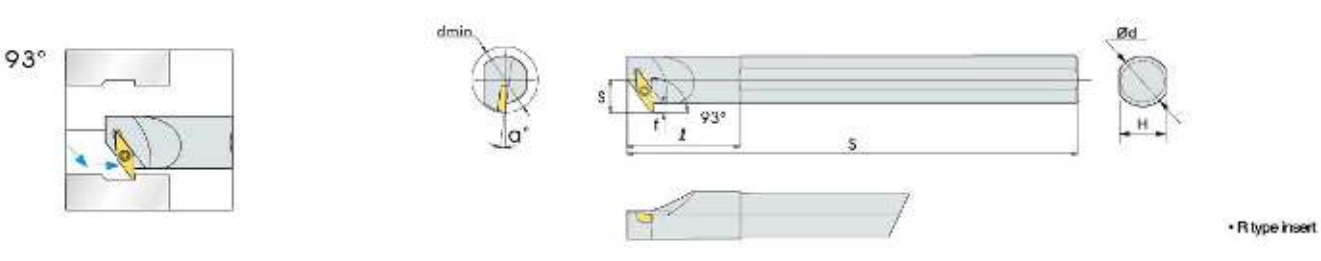
>>>SVWBR/L,SVWCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVWBR/L11	●	●	21	16	12	180	15	10°	VB□□1103□□	M2.5X6	T8
S20Q-SVWBR/L11	●	●	25	20	14	180	18	8°		M2.5X8	
S25R-SVWBR/L16	●	●	36	25	23	200	23	6°	VB□□1604□□	M3.5X9	T15
S32S-SVWBR/L16	●	●	44	32	26	250	30	5°			

型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVWCR/L11	●	●	21	16	12	180	15	10°	VC□□1103□□	M2.5X6	T8
S20Q-SVWCR/L11	●	●	24	20	14	180	18	8°		M2.5X8	
S25R-SVWCR/L16	●	●	38	25	23	200	23	5°	VC□□1604□□	M3.5X9	T15
S32S-SVWCR/L16	●	●	48	32	26	250	30	5°			

>>>SVZBR/L,SVZCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVZBR/L11	●	●	20	16	12	180	15	10°	VB□□1103□□	M2.5X6	T8
S20Q-SVZBR/L11	●	●	27	20	14	180	18	8°		M2.5X8	
S25R-SVZBR/L16	●	●	36	25	20	200	23	6°	VB□□1604□□	M3.5X9	T15
S32S-SVZBR/L16	●	●	40	32	22.5	250	30	6°			
S40T-SVZBR/L16	●	●	47	40	27	300	38	6°			

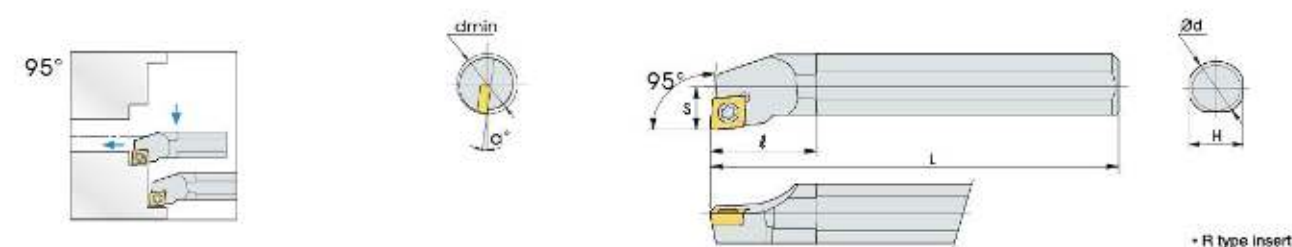
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	H	α°			
S16Q-SVZCR/L11	●	●	20	16	12	180	15	10°	VC□□1103□□	M2.5X6	T8
S20Q-SVZCR/L11	●	●	27	20	14	180	18	8°		M2.5X8	
S25R-SVZCR/L16	●	●	36	25	20	200	23	6°	VC□□1604□□	M3.5X9	T15
S32S-SVZCR/L16	●	●	40	32	22.5	250	30	6°			
S40T-SVZCR/L16	●	●	47	40	27	300	38	6°			

A 合金内孔车刀系列 S

Carbide boring bar

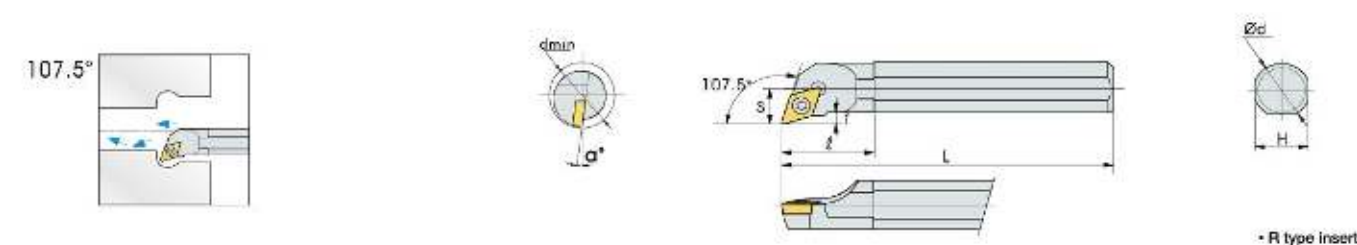


>>> SCLCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	s	L	H	α°			
C07K-SCLCR/L06	●	●	9	8	4.2	125	7	15°	CC□□0602□□	M2.5X5	T8
C08K-SCLCR/L06	●	●	10	8	5	125	7	13°		M2.5X6	
C10M-SCLCR/L06	●	●	11	10	6	150	9	12°			
C12Q-SCLCR/L06	●	●	13	12	7	180	11	10°			
C12Q-SCLCR/L09	●	●	14	12	8	180	11	12°	CC□□09T3□□	M3.5X9	T15
C16R-SCLCR/L09			18	16	9.5	200	15	10°			
C20S-SCLCR/L09			22	20	11.5	250	18	8°			
C25T-SCLCR/L09			27	25	14	300	23	6°			

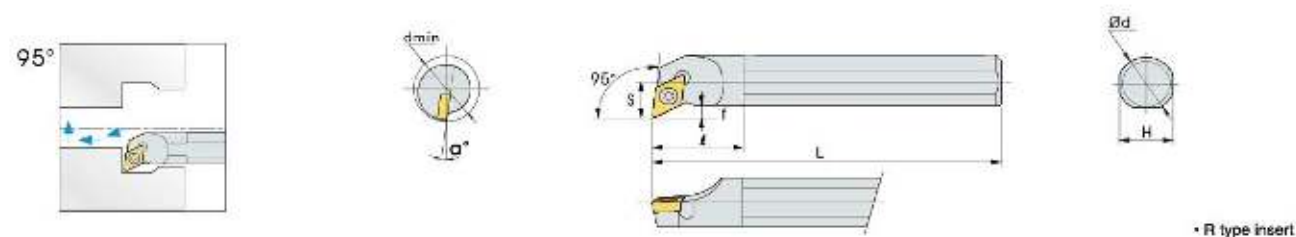
>>> SDQCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	s	L	H	α°			
C08K-SDQCR/L07	●	●	10	8	6	125	7	12°	DC□□0702□□	M2.5X5	T8
C10M-SDQCR/L07	●	●	12	10	7	150	9	10°		M2.5X6	
C12Q-SDQCR/L07	●	●	15	12	9	180	11	8°			
C16R-SDQCR/L07	●	●	19	16	11	200	15	6°			
C20S-SDQCR/L11	●	●	23	20	13	250	18	6°	DC□□11T3□□	M3.5X9	T15
C25T-SDQCR/L11	●	●	30	25	17	300	23	5°			

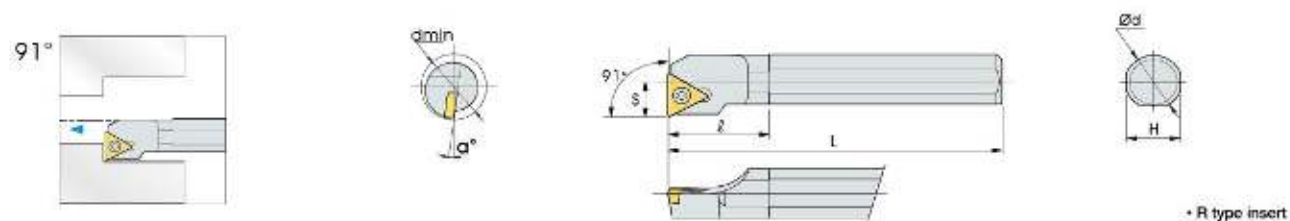
内孔车刀系列 Boring bar

>>> SDUCR/L



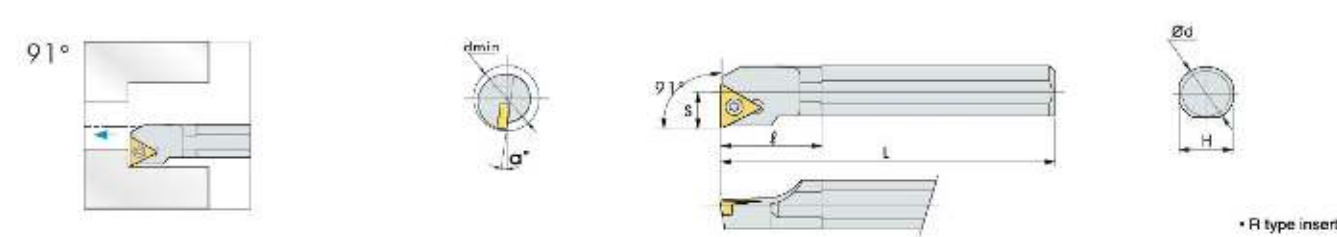
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	d_{min}	ϕd	s	L	H	α°			
C10M-SDUCR/L07	●	●	15	10	8	150	9	10°	DC□□0702□□	M2.5X6	T8
C12Q-SDUCR/L07	●	●	17	12	9	180	11	8°			
C16R-SDUCR/L07	●	●	22	16	11	200	15	6°			
C16R-SDUCR/L11	●	●	19	16	11	200	15	8°	DC□□1113□□	M3.5X9	T15
C20S-SDUCR/L11	●	●	23	20	13	250	18	6°			
C25T-SDUCR/L11	●	●	30	25	17	300	23	5°			

>>> STFPR/L



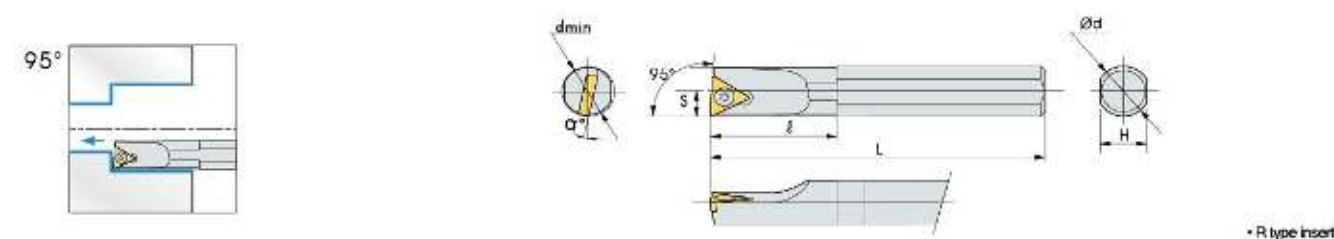
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	d_{min}	ϕd	s	L	H	α°			
C08K-STFPR/L09	●	●	9	8	5	125	7	10°	TP□□0902□□	M2.5X5	T8
C10M-STFPR/L09	●	●	11	10	6	150	9	8°		M2.5X6	
C12Q-STFPR/L09	●	●	13	12	7	180	11	10°		M3.0X6	
C10M-STFPR/L11	●	●	11	10	6	150	9	12°	TP□□1102□□	M3.0X8	T15
C12Q-STFPR/L11	●	●	13	12	7	180	11	10°			
C16R-STFPR/L11	●	●	17	16	9	200	15	8°			
C20S-STFPR/L11	●	●	21	20	11	250	18	6°			
C25T-STFPR/L11	●	●	27	25	15	300	23	6°			

>>> STFCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	d_{min}	ϕd	s	L	H	α°			
C08K-STFCR/L09	●	●	10	8	5.5	125	7	15°	TC□□0902□□	M2.2X5	T6
C10M-STFCR/L09	●	●	11	10	6	150	9	13°			
C12Q-STFCR/L09	●	●	13	12	7	180	11	10°			
C10M-STFCR/L11	●	●	11	10	6	150	9	12°	TC□□1102□□	M2.5X6	T8
C12Q-STFCR/L11	●	●	13	12	7	180	11	10°			
C16R-STFCR/L11	●	●	17	16	9	200	15	8°			
C20S-STFCR/L11	●	●	21	20	11	250	18	6°	TC□□16T3□□	M3.5X9	T15
C20S-STFCR/L19	●	●	22	20	11.5	250	18	8°			
C25T-STFCR/L19	●	●	27	25	14	300	23	6°			

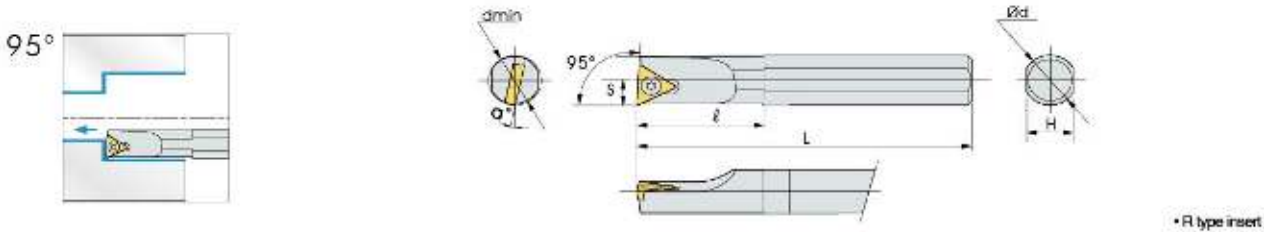
>>> STUPR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	d_{min}	ϕd	s	L	H	α°			
C08K-STUPR/L09	●	●	10	8	5	125	7	10°	TP□□0902□□	M2.5X5	T8
C10M-STUPR/L09	●	●	11	10	6	150	9	8°		M2.5X6	
C12Q-STUPR/L09	●	●	13	12	7	180	11	10°		M3.0X6	
C10M-STUPR/L11	●	●	11	10	6	150	9	12°	TP□□1102□□	M3.0X8	T15
C12Q-STUPR/L11	●	●	13	12	7	180	11	10°			
C16R-STUPR/L11	●	●	17	16	9	200	15	8°			
C20S-STUPR/L11	●	●	21	20	11	250	18	6°			

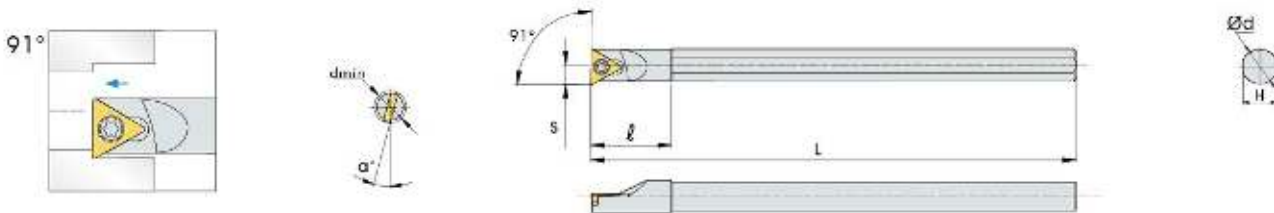
内孔车刀系列 Boring bar

>>>STUCR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	d_{min}	ϕd	s	L	H	α°			
C08K-STUCR/L09	●	●	10	8	5.5	125	7	15°	TC□□0902□□	M2.2X5	T6
C10M-STUCR/L09	●	●	12	10	6.5	150	9	13°			
C12Q-STUCR/L09	●	●	13	12	7	180	11	10°			
C10M-STUCR/L11	●	●	11	10	6	150	9	12°	TC□□1102□□	M2.5X6	T8
C12Q-STUCR/L11	●	●	13	12	7	180	11	10°			
C16R-STUCR/L11	●	●	17	16	9	200	15	8°			
C20S-STUCR/L11	●	●	21	20	11	250	18	6°	TC□□16T3□□	M3.5X9	T15
C20S-STUCR/L16	●	●	22	20	11.5	250	18	8°			
C25T-STUCR/L16	●	●	27	25	14	300	23	6°			

>>>STFBR/L

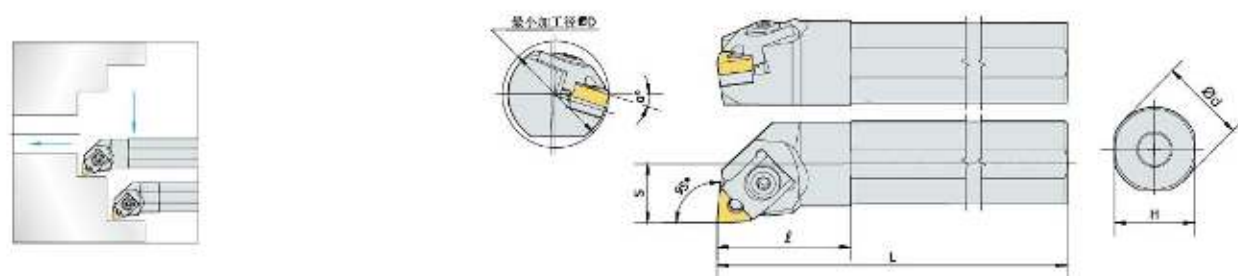


型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	d_{min}	ϕd	s	L	H	α°			
C05H-STFBR/L06	●	●	6	5	3.4	100	4.2	10°	TBGT060102	M2.0X4	T6
C06H-STFBR/L06	●	●	7	6	3.6	100	5.2	10°			
C06J-STFBR/L06	●	●	7	6	3.6	110	5.2	10°			
C06J-STFBR/L06-A08	●	●	7	8	3.6	110	7	13°			
C06J-STFBR/L06-A10	●	●	7	10	3.6	110	9	13°			

A 内孔车刀系列 Boring bar B

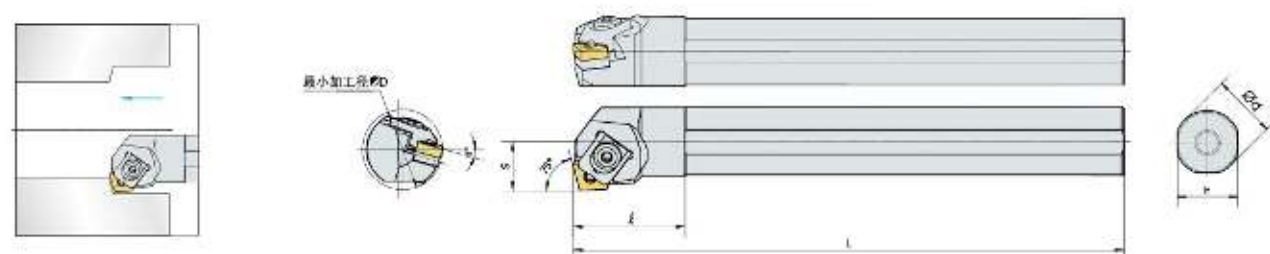
内孔车刀系列 Boring bar

>>> BCLNR/L 95°



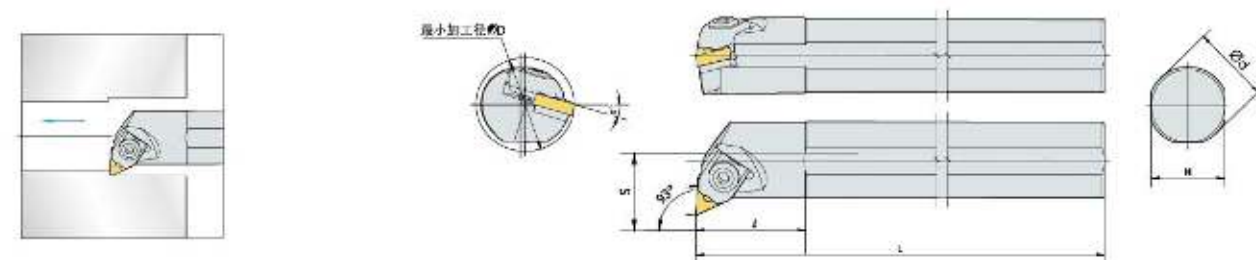
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Slopparing	扳手 Wrench
	R	L	φD	φd	S	L	H	α°							
S25R-BCLNR/L12	●	●	30	25	17	200	23	13°	CN□□1204□□	X	CTM6-N	BC12	BCS08	CR07	L4.0
S32S-BCLNR/L12	●	●	40	32	22	250	30	17°		MC1204	CTM6-S				L3.0,L4.0
S40T-BCLNR/L12	●	●	50	40	27	300	38	15°							
S50U-BCLNR/L12	●	●	60	50	31	350	48	12°							

>>> BCKNR/L 75°



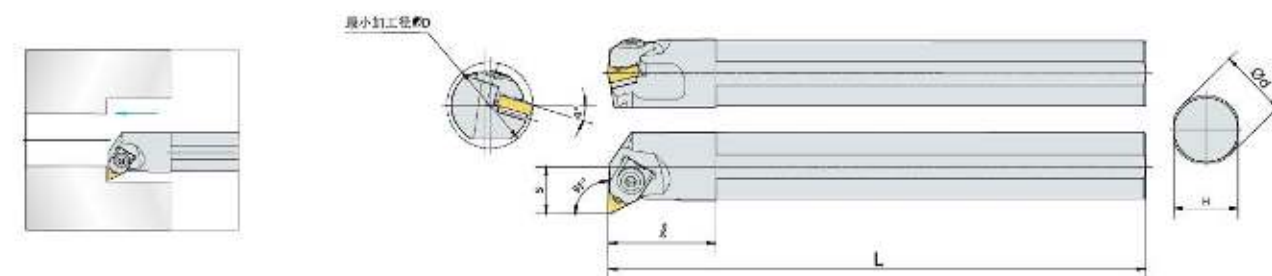
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Slopparing	扳手 Wrench
	R	L	φD	φd	S	L	H	α°							
S25R-BCKNR/L12	●	●	30	25	17	200	23	13°	CN□□1204□□	X	CTM6-N	BC12-100	BCS08	CR07	L4.0
S32S-BCKNR/L12	●	●	40	32	22	250	30	17°		MC1204	CTM6-S				L3.0,L4.0
S40T-BCKNR/L12	●	●	50	40	27	300	38	15°							
S50U-BCKNR/L12	●	●	63	50	31	350	48	12°							

>>> BTUNR/L 93°



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Slopparing	扳手 Wrench
	R	L	φD	φd	S	L	H	α°							
S25R-BTUNR/L16	●	●	30	25	17	200	23	12°	TN□□1604□□	MT16-S	CTM5-S	BT16	BCS08	CR07	L2.5,L4.0
S32S-BTUNR/L16	●	●	40	32	22	250	30	10°							
S40T-BTUNR/L16	●	●	50	40	27	300	38	17°							
S50U-BTUNR/L16	●	●	60	50	35	350	48	12°							

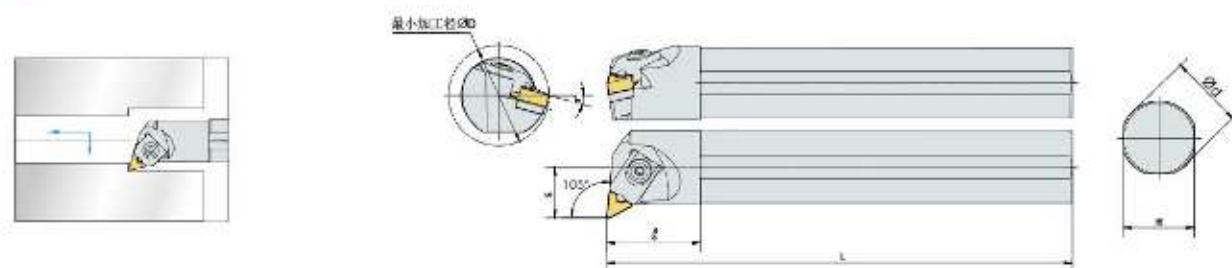
>>> BTFNR/L 91°



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Slopparing	扳手 Wrench
	R	L	φD	φd	S	L	H	α°							
S32S-BTFNR/L16	●	●	40	32	22	250	30	17°	TN□□1604□□	MT16-S	CTM5-S	BT16	BCS08	CR07	L2.5,L4.0
S40T-BTFNR/L16	●	●	50	40	27	300	38	15°							
S50U-BTFNR/L16	●	●	60	50	31	350	48	12°							

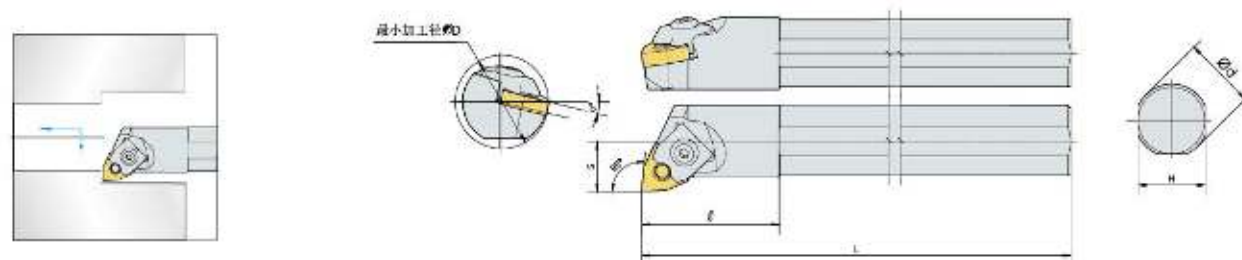
内孔车刀系列 Boring bar

>>> BTQNR/L 105°



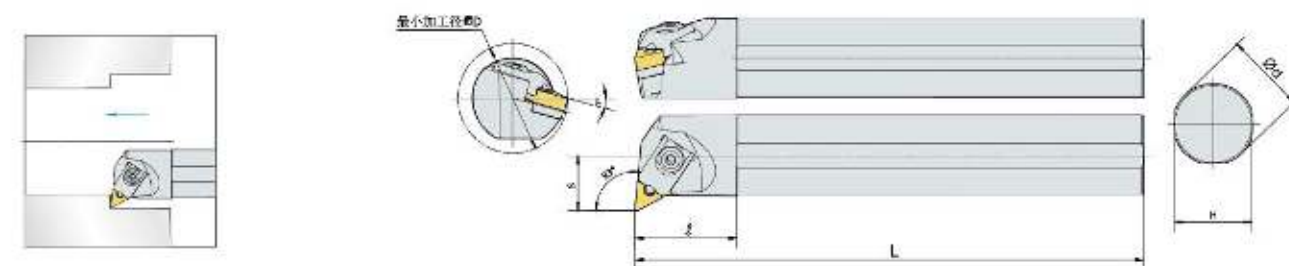
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 刀垫 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 卡环 Stoppering	 扳手 Wrench
	R	L	ΦD	Φd	S	L	H	α°							
S20R-BTQNR/L16	●	●	26	20	13	200	28	17°	IN□□1604□□	X	CTM5-11	BT16	BCS06	CR05	L2.5,L3.0
S25R-BTQNR/L16	●	●	32	25	17	200	23	12°							
S32S-BTQNR/L16	●	●	40	32	22	250	30	17°							
S40T-BTQNR/L16	●	●	50	40	27	300	38	15°							
S50U-BTQNR/L16	●	●	63	50	31	350	48	12°							

>>> BWLNR/L 95°



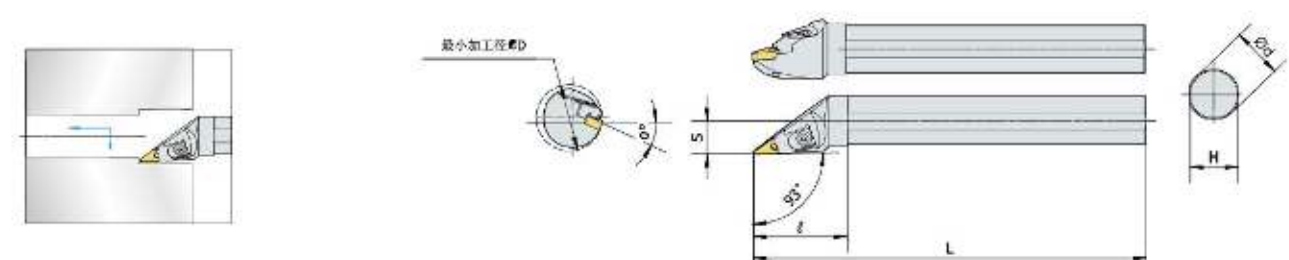
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert						
	R	L	φD	φd	S	L	H	α°		刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
S20R-BWLNR/L06	●	●	25	20	13	200	18	15°	WN□□0604□□	X	CTM5-11	BW06	BCS06	CR05	L2.5,L3.0
S25R-BWLNR/L06	●	●	32	25	17	200	23	13°							
S25R-BWLNR/L08	●	●	32	25	17	200	23	13°	WN□□0804□□	WW0804	CTM6-N	BW08	BCS08	CR07	L3.0,L4.0
S32S-BWLNR/L08	●	●	40	32	22	250	30	17°							
S40T-BWLNR/L08	●	●	50	40	27	300	38	15°							
S50U-BWLNR/L08	●	●	60	50	31	350	48	12°							

>>> BDUNR/L 93°



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert						
	R	L	ΦD	Φd	S	L	H	α°		刀垫 Shim	销钉 Pin	压板 Clamp	螺丝 Screw	卡环 Stoppering	扳手 Wrench
S40T-BDUNR/L16	●	●	50	40	27	300	38	15°	DN□□1506□□	MD1504	CTM6-L	BD15	BCS08	CR07	L3.0,L4.0
S50U-BDUNR/L16	●	●	60	50	31	350	48	12°							

>>> BVJNR/L 93°



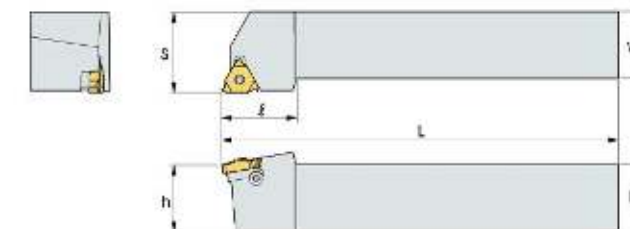
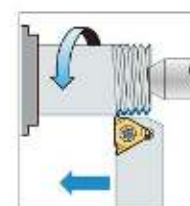
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 刀垫 Shim	 销钉 Pin	 压板 Clamp	 螺丝 Screw	 卡环 Stoppering	 扳手 Wrench
	R	L	ΦD	Φd	S	L	H	α°							
S25R-BVJNR/L16	●	●	32	25	17	200	23	12°	VN□□1604□□	X	CTMS-11	BV16	BCS06	CR05	L2.5,L3.0
S32S-BVJNR/L16	●	●	40	32	22	250	30	17°							
S40T-BVJNR/L16	●	●	50	40	27	300	38	15°							

A 螺纹车刀系列

Threading tool holder



>>> SER/L



型号 Designation	库存 Stock		尺寸 Size							刀片 Insert	 刀垫 Shim	 螺丝 Screw	 螺丝 Screw	 扳手 Wrench
	R	L	H	W	L	S	h	l						
SER/L 1010F11	●	●	10	10	80	12	10	15	11ER/L□□	X	M2.5X8	X	18	
1212F11	●	●	12	12	80	14	12	15			M3.5X9			
1212F16	●	●	12	12	80	16	12	22	16ER/L□□	STM16	M3.5X12	M3X6N	T15	
1212K16	●	●	12	12	125	16	12	24						
1616H16	●	●	16	16	100	20	16	22						
2020K16	●	●	20	20	125	25	20	27						
2525M16	●	●	25	25	150	32	25	30	22ER/L□□	STM22	M4.0X16	M4X6N	T20	
3232P16	●	●	32	32	170	40	32	32						
2020K22	●	●	20	20	125	25	20	29						
2525M22	●	●	25	25	150	32	25	31						
3232P22	●	●	32	32	170	40	32	31	27ER/L□□	STM27	M5.0X20	M4X6N	T20	
4040R22	●	●	40	40	200	50	40	31						
2525M27	●	●	25	25	150	32	25	33						
3232P27	●	●	32	32	170	40	32	33						
4040R27	●	●	40	40	200	50	40	33						

A 车削刀具
Turning tool holder

B 硬质合金刀片
Carbide insert

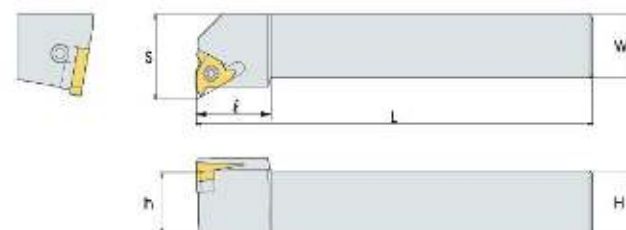
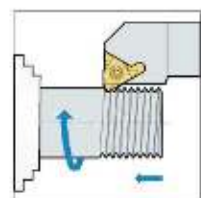
C 铣削刀具
Milling tool holder

D 钻削刀具
Drill tool holder

E 硬质合金刀具
Carbide tools

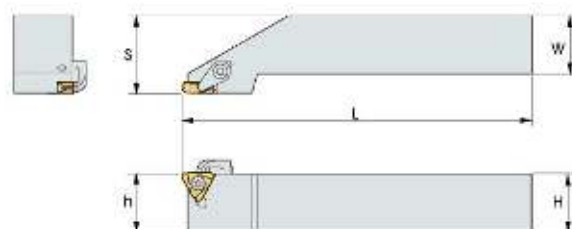
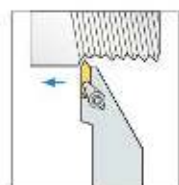
螺纹车刀系列 Threading tool holder

>>> B-SER/L



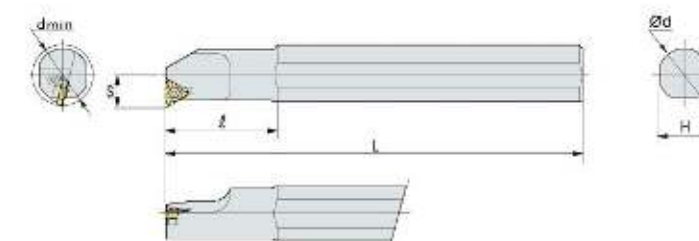
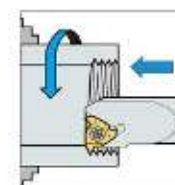
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	刀垫 Shim	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	S	h	ℓ				
B-SER/L 1212H16	●	●	12	12	100	17.2	12	19	16ER/L□□	X	M3.5X9	X
1414H16	●	●	14	14	100	17.2	14	19		STM16	M3.5X12	M3X6N
1616H16	●	●	16	16	100	22.5	16	23				
2020K16	●	●	20	20	125	26.3	20	23				

>>> SER/L-V



型号 Designation	库存 Stock		尺寸 Size				刀片 Insert	刀垫 Shim	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	S				
SER/L 1616H16-V	●	●	16	16	100	16.2	16VER/L□□	CS6R1	ML0622	M3.5X9
2020K16-V	●	●	20	20	125	20.2				T15, L3.0
2525M16-V	●	●	25	25	150	25.2				

>>> SNR/L



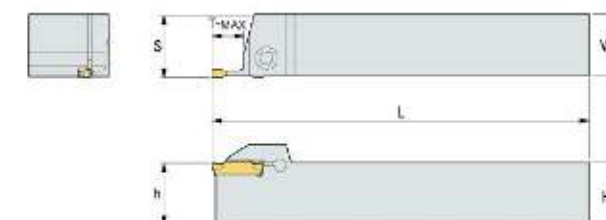
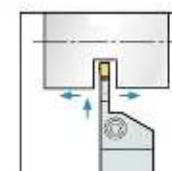
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	 刀垫 Shim	 螺丝 Screw	 螺丝 Screw	 扳手 Wrench				
	R	L	dmin	d	H	L	S	ℓ									
SNR/L 0008K08	●	●	9.9	8	7	125	5.5	20	08IR/L□□	X	M2.2X5	X	T6				
0008K08-A16	●	●	9.9	16	15	125	5.5	23					11IR/L□□	M2.5X6	T8		
0010K11	●	●	13	10	9	125	7.3	25	16IR/L□□		X	T15					
0010K11-A16	●	●	13	16	15	125	7.3	30						SIM16		M3.5X12	M3X6N
0012K11	●	●	15	12	11	125	8.2	28			X						
0012K11-A16	●	●	15	16	15	125	8.2	36						SIM22		M4.0X16	M4X6N
0013M11	●	●	16	13	12	150	9.4	32		27IR/L□□	STM27						
0013M16	●	●	17	13	12	150	9.4	32					0050U27	●	●	58	50
0013M16-A16	●	●	17	16	15	150	9.4	36	0020Q22	●	●	27					
0016Q16	●	●	20	16	15	180	11.7	40					0025R22	●	●	32	25
0020Q16	●	●	24	20	18	180	13.7	40	0032S22	●	●	39					
0025R16	●	●	29	25	23	200	16.2	45					0040T22	●	●	47	40
0032S16	●	●	36	32	30	250	19.7	50	0050U22	●	●	57					
0040T16	●	●	44	40	38	300	23.1	55					0032S27	●	●	40	32
0050U16	●	●	56	50	48	350	28.7	60	0040T27	●	●	48					
0020Q22	●	●	27	20	18	180	14.9	40					0050U27	●	●	58	50
0025R22	●	●	32	25	23	200	18.1	45	0032S27	●	●	40					
0032S22	●	●	39	32	30	250	21.5	50					0040T27	●	●	48	40
0040T22	●	●	47	40	38	300	25.6	55	0050U22	●	●	57					
0050U22	●	●	57	50	48	350	30.6	70					0032S27	●	●	40	32
0032S27	●	●	40	32	30	250	22.4	60	0040T27	●	●	48					
0040T27	●	●	48	40	38	300	26.4	60					0050U27	●	●	58	50
0050U27	●	●	58	50	48	350	32.3	70	0032S27	●	●	40					

A 切槽车刀系列

Grooving tool holder



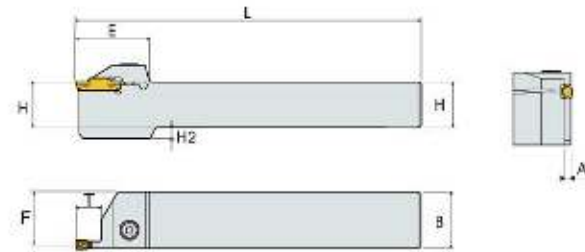
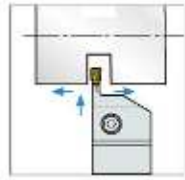
>>> MGEHR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	L	S	h	T-max			
MGEHR/L 1616-1.5	●	●	16	16	100	16.25	16	15	MGMN150□□ MGGN150□□	M5.0X16N	L4.0
2020-1.5	●	●	20	20	125	20.25	20	15			
1616-2	●	●	16	16	100	16.25	16	15	MGMN200□□ MGGN200□□		
2020-2	●	●	20	20	125	20.25	20	15			
2525-2	●	●	25	25	150	25.25	25	15			
2525-2T10	●	●	25	25	150	25.25	25	10			
3232-2	●	●	32	32	170	32.4	25	15			
1616-2.5	●	●	16	16	100	16.35	16	17	MGMN250□□ MGGN250□□		
2020-2.5	●	●	20	20	125	20.36	20	17			
2525-2.5	●	●	25	25	150	25.35	25	17			
2525-2.5T10	●	●	25	25	150	25.35	25	10			
1616-3	●	●	16	16	100	16.4	16	19			
2020-3	●	●	20	20	125	20.4	20	19			
2020-3T10	●	●	20	20	125	20.4	20	10	MGMN300□□ MGGN300□□ MRMN300□□		
2020-3T25	●	●	20	20	125	20.4	20	25			
2020-3I30	●	●	20	20	125	20.4	20	30			
2525-3	●	●	25	25	150	25.4	25	19			
2525-3T10	●	●	25	25	150	25.4	25	10			
2525-3T20	●	●	25	25	150	25.4	25	20			
2525-3T30	●	●	25	25	150	25.4	25	30			
3232-3	●	●	32	32	170	32.4	32	19			
2020-4	●	●	20	20	125	20.5	20	19		MGMN400□□ MGGN400□□ MRMN400□□	
2020-4T10	●	●	20	20	125	20.5	20	10			
2020-4I25	●	●	20	20	125	20.5	20	25			
2020-4T30	●	●	20	20	125	20.5	20	30			
2525-4	●	●	25	25	150	25.5	25	19			
2525-4T10	●	●	25	25	150	25.5	25	10			
2525-4T25	●	●	25	25	150	25.5	25	25			
2525-4T30	●	●	25	25	150	25.5	25	30			
3232-4	●	●	32	32	170	32.5	32	19			
2525-5	●	●	25	25	150	25.6	25	23	MGMN500□□ MGGN500□□ MRMN500□□		
2525-5T10	●	●	25	25	150	25.6	25	10			
2525-5I30	●	●	25	25	150	25.6	25	30			
3232-5	●	●	32	32	170	32.6	32	23			
2020-6	●	●	20	20	125	20.6	20	24	MGMN600□□ MGGN600□□ MRMN600□□		
2020-6T15	●	●	20	20	125	20.6	20	15			
2525-6	●	●	25	25	150	25.6	25	24			
2525-6T15	●	●	25	25	150	25.6	25	15			
3232-6	●	●	32	32	170	32.6	32	24			
2525-8	●	●	25	25	150	25.8	25	26	MGMN800□□ MRMN800□□		
3232-8	●	●	32	32	170	32.8	32	26			

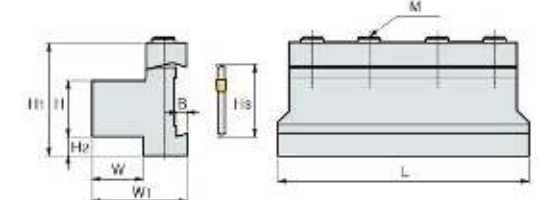
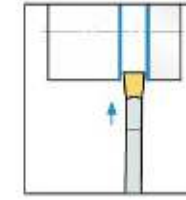
切槽车刀系列 Grooving tool holder

>>> TTER/L



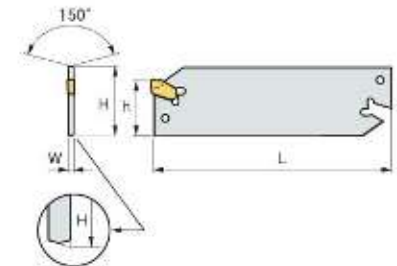
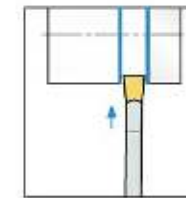
型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench							
	R	L	H	B	L	E	A	T.max										
TTER/L 1616-2T08	●	●	16	16	100	33	1.8	8	TD□□2	M5.0X16N	L4.0							
2020-2T08	●	●	20	20	125			35				12						
2525-2T08	●	●	25	25	150							40	17					
1616-2	●	●	16	16	100	41	2.4						TD□□3	M5.0X16N	L4.0			
2020-2	●	●	20	20	125			40								17		
2525-2	●	●	25	25	150							40					20	
1616-2T17	●	●	16	16	100	41	2.4											TD□□4
2020-2T17	●	●	20	20	125			40								25		
2525-2T17	●	●	25	25	150							44.5					3.0	
1616-3T09	●	●	16	16	100	32	10											
2020-3T09	●	●	20	20	125			38	15									
2525-3T09	●	●	25	25	150					45	25							
1616-3	●	●	16	16	100	45	25											
2020-3	●	●	20	20	125			41	4.0			TD□□5	M6.0X16N	L5.0				
2525-3	●	●	25	25	150					40	20							
1616-3T20	●	●	16	16	100	41	25											
2020-3T20	●	●	20	20	125			41	5.0						TD□□6	M6.0X16N	L5.0	
2525-3T20	●	●	25	25	150					45	25							
1616-4T10	●	●	16	16	100	41	20											
2020-4T10	●	●	20	20	125			41	25									
2525-4T10	●	●	25	25	150					41	25							
2020-4	●	●	20	20	125	41	25											
2525-4	●	●	25	25	150			41	25									
3232-4	●	●	32	32	170					41	25							
1616-4T25	●	●	16	16	100	41	25											
2020-4T25	●	●	20	20	125			41	25									
2525-4T25	●	●	25	25	150					41	25							
3232-4T25	●	●	32	32	170	41	25											
2020-5T12	●	●	20	20	125			41	25									
2525-5T12	●	●	25	25	150					41	25							
2020-5	●	●	20	20	125	41	25											
2525-5	●	●	25	25	150			41	25									
3232-5	●	●	32	32	170					41	25							
2525-5T32	●	●	25	25	150	41	25											
3232-5T25	●	●	32	32	170			41	25									
2525-6	●	●	25	25	150					41	25							
3232-6	●	●	32	32	170	41	25											
2525-6T25	●	●	25	25	150			41	25									
3232-6T25	●	●	32	32	170					41	25							

>>> SMBB



型号 Designation		库存 Stock		尺寸 Size								刀片 Insert	扳手 Wrench	
		R	L	H	W	H3	L	H1	H2	W1	B			M
SMBB	1626	●		16	13	26	86	43	13	32	5.3	M6X16N	SPB□□(S)	L5.0
	2026	●		20	19	26	86	43	9	38	5.3	M6X16N		
	2032	●		20	19	32	100	50	13	38	5.3	M6X20N		
	2526	●		25	23	26	86	43	4	42	5.3	M6X16N		
	2532	●		25	23	32	110	50	8	42	5.3	M6X20N		
	3232	●		32	30	32	110	54	5	48	5.3	M6X20N		

>>> SPB

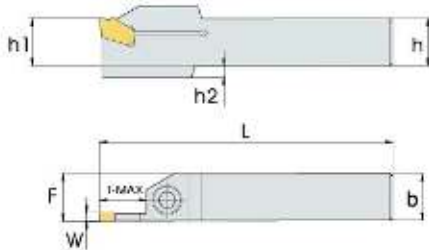
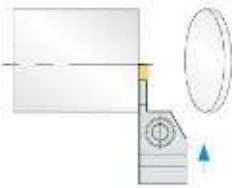


型号 Designation	库存 Stock		尺寸 Size				刀片 Insert	扳手 Wrench
	R	L	H	W	L	h		
SPB 226-S	●		26	1.6	110	21	SP200	SWB0-S
326-S	●		26	2.4	110	21	SP300	
426-S	●		26	3.2	110	21	SP400	
526-S	●		26	4.0	110	21	SP500	
626-S	●		26	5.2	110	21	SP600	
232-S	●		32	1.6	150	25	SP200	
332-S	●		32	2.4	150	25	SP300	
432-S	●		32	3.2	150	25	SP400	
532-S	●		32	4.0	150	25	SP500	
632-S	●		32	5.2	150	25	SP600	

切槽车刀系列 Grooving tool holder

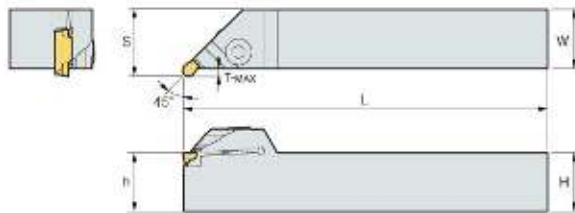
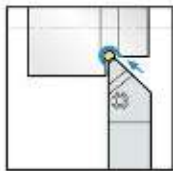


>>> ZQ



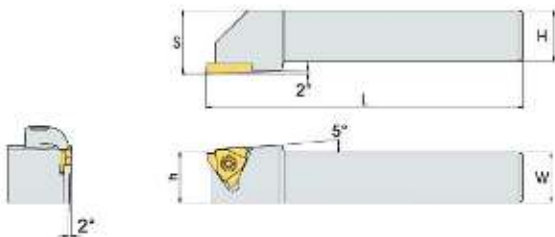
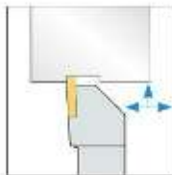
型号 Designation	库存 Stock		尺寸 Size							刀片 Insert	螺丝 Screw	扳手 Wrench	
	R	L	h	b	H1	L	F	T-max					
ZQ 1616R/L02	●	●	16	16	16	100	16.15	16	SP200□□	M4.0X16N	I3.0		
2020R/L02	●	●	20	20	20	125	20.15	16					
1616R/L03	●	●	16	16	16	100	16.3	16					
2020R/L03	●	●	20	20	20	125	20.3	20					
2020R/L03-25	●	●	20	20	20	125	20.3	25	SP300□□	M5.0X20N	L4.0		
2525R/L03	●	●	25	25	25	150	25.3	20					
2525R/L03-25	●	●	25	25	25	150	25.3	25					
3232R/L03	●	●	32	32	32	170	32.3	20					
1616R/L04	●	●	16	16	16	100	16.3	16					
2020R/L04	●	●	20	20	20	125	20.3	20					
2020R/L04-25	●	●	20	20	20	125	20.3	25	SP400□□				
2525R/L04	●	●	25	25	25	150	25.45	20					
2525R/L04-25	●	●	25	25	25	150	25.45	25					
3232R/L04	●	●	32	32	32	170	32.45	20					

>>> MGEUR/L



型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	S	h	L	T-max			
MGEUR/L 2020-3	●	●	20	20	23	20	125	3	MRMN300	M6.0X20N	L5.0
2525-3	●	●	25	25	28	25	150	3			
3232-3	●	●	32	32	35	32	170	3			
2020-4	●	●	20	20	23	20	125	3	MRMN400		
2525-4	●	●	25	25	28	25	150	3			
3232-4	●	●	32	32	35	32	170	3			

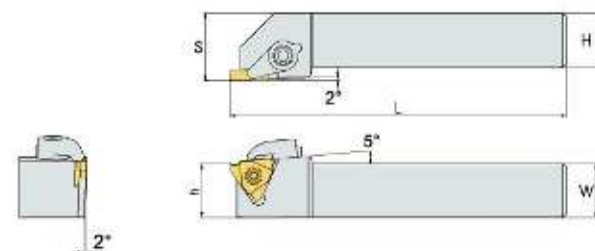
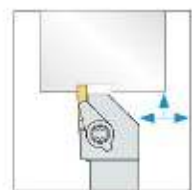
>>> JSTGR/L



型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	S	L	h			
JSTGR/L 1212H16	●	●	12	12	16	100	12	TGF32R/L	M3.5X9	T15
1616H16	●	●	16	16	20	100	16			
2020K16	●	●	20	20	25	125	20			
2525M16	●	●	25	25	30	150	25			
1616H16-T	●	●	16	16	20	100	16			
2020K16 I	●	●	20	20	25	125	20			
2525M16-T			25	25	30	150	25			

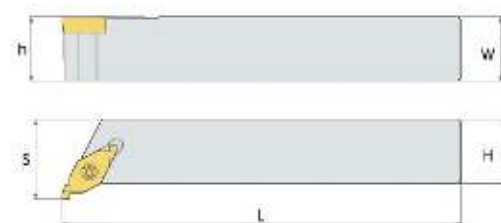
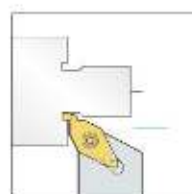
切槽车刀系列 Grooving tool holder

>>> SGBAR/L, SWTR/L



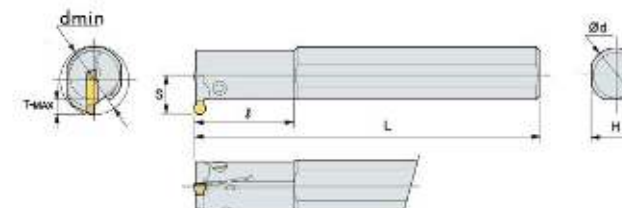
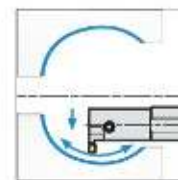
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	压板 Clamp	螺丝 Screw	扳手 Wrench
	R	L	h	b	S	L	h				
SGBAR/L 1616H16	●	●	16	16	20	100	16	GBA32R/L□□	CS6R1	M3.5X9	T15, L3.0
2020K16	●	●	20	20	25	125	20				
2525M16	●	●	25	25	32	150	25				
2020K22	●	●	20	20	25	125	20				
2525M22	●	●	25	25	32	150	25				
3232P22	●	●	32	32	40	170	32	GBA43R/L□□	CS6R1	M5.0X12	T20, L3.0
SWTR/L 1616H16C	●	●	16	16	20	100	16				
2020K16C	●	●	20	20	25	125	20				
2525M16C	●	●	25	25	30	150	25	JTGR/L3□□		M3.5X9	T15, L3.0

>>> SFVCR



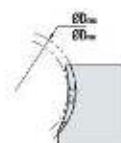
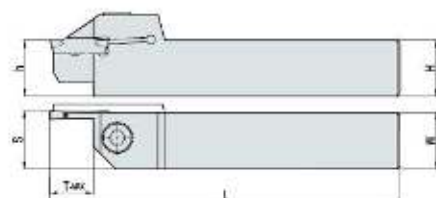
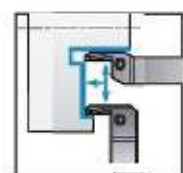
型号 Designation	库存 Stock		尺寸 Size					刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	H	W	S	L	h			
SFVCR 2020K16	●	●	20	20	25	125	20	VC1604	M3.5X9	T15
2525M16	●	●	25	25	32	150	25			

>>> MGIVR/L



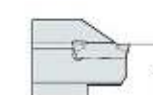
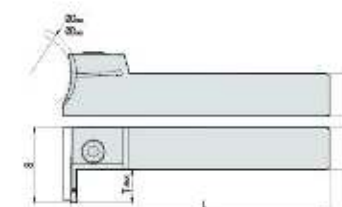
型号 Designation	库存 Stock		尺寸 Size							刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	L	ℓ	T-max	H	S			
MGIVR/L 2016-1.5	●	●	20	16	180	35	4	15	11.3	MGMN150 MGGN150	M4X10N	13.0
2520-1.5	●	●	25	20	180	45	4	18	13.1		M4X12N	
2925-1.5	●	●	29	25	200	45	4	23	16.2		M4X10N	
2016-2	●	●	20	16	180	35	5	15	12.4	MGMN200 MGGN200	M4X12N	14.0
2520-2	●	●	25	20	180	45	5	18	14.0		M5X12N	
2925-2	●	●	29	25	200	45	5	23	17.2		M4X10N	
2016-2.5	●	●	20	16	180	35	6	15	12.5	MGMN250 MGGN250	M4X12N	13.0
2520-2.5	●	●	25	20	180	45	6	18	15.1		M4X10N	
2925-2.5	●	●	29	25	200	45	6	23	18.2		M5X12N	
2520-3	●	●	25	20	180	45	6	18	15.6	MGMN300 MGGN300 MRMN300	M4X12N	14.0
2520-3T08	●	●	25	20	180	45	8	18	17.6		M5X16N	
3125-3	●	●	32	25	200	45	6	23	18.9		M4X12N	
3125-3T08	●	●	32	25	200	45	8	23	20.9	MGMN400 MGGN400 MRMN400	M5X12N	13.0
3732-3	●	●	37	32	250	65	6	30	21.5		M5X16N	
3732-3T10	●	●	37	32	250	65	10	30	23.5		M4X12N	
2520-4	●	●	25	20	180	45	6	18	15.6	MGMN500 MGGN500 MRMN500	M5X12N	14.0
2520-4T08	●	●	25	20	180	45	8	18	17.6		M5X16N	
3125-4	●	●	31	25	200	45	6	23	18.9		M5X12N	
3125-4T08	●	●	31	25	200	45	8	23	20.9		M5X16N	
3732-4	●	●	37	32	250	65	6	30	21.5		M5X12N	
3732-4T10	●	●	37	32	250	65	10	30	23.5		M5X16N	
3125-5	●	●	31	25	200	45	8	23	19.4		M5X12N	
3125-5T10	●	●	31	25	200	45	10	23	21.4		M5X16N	
3732-5	●	●	37	32	250	65	8	30	21.5		M5X12N	
3732-5T10	●	●	37	32	250	65	10	30	23.5		M5X16N	

>>> MGFHR/L



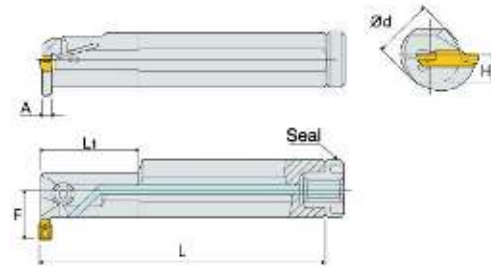
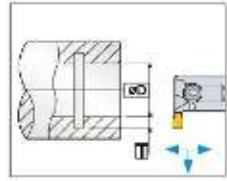
型号 Designation	库存 Stock		尺寸 Size							刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	W	H	I	S	Tmax	φDmin	φDmax			
MCFHR/L 320-24/35-T15	●	●	20	20	125	20.6	15.5	24	35	MFMN300	M6X20N	L5.0
44/62-T15	●	●	20	20	125	20.6	15.5	44	62	MGMN300 MGMN300 MRMN300		
62/120-T15	●	●	20	20	125	20.6	15.5	62	120			
112/200-T15	●	●	20	20	125	20.6	15.5	112	200			
MCFHR/L 325-44/62-T15	●	●	25	25	150	25.6	15.5	44	62			
62/120-T15	●	●	25	25	150	25.6	15.5	62	120	MGMN300 MGMN300 MRMN300		
112/200-T15	●	●	25	25	150	25.6	15.5	112	200			
MCFHR/L 420-24/35-T15	●	●	20	20	125	20.6	15.5	24	35			
44/62-T15	●	●	20	20	125	20.6	15.5	44	62	MGMN400 MGMN400 MRMN400		
62/120-T15	●	●	20	20	125	20.6	15.5	62	120			
112/200-T15	●	●	20	20	125	20.6	15.5	112	200			
MCFHR/L 425-44/62-T15	●	●	25	25	150	25.6	15.5	44	62			
62/120-T15	●	●	25	25	150	25.6	15.5	62	120			
112/200-T15	●	●	25	25	150	25.6	15.5	112	200			

>>> MGFVR/L



型号 Designation	库存 Stock		尺寸 Size							刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	W	H	I	S	Tmax	φDmin	φDmax			
MGFVR/L 320-24/35-T15	●	●	20	20	125	31	15	24	35	MFMN300	M6X20N	L5.0
44/62-T15	●	●	20	20	125	31	15	44	62	MGMN300 MGMN300 MRMN300		
62/120-T15	●	●	20	20	125	31	15	62	120			
112/200-T15	●	●	20	20	125	31	15	112	200			
MCPVR/L 325-44/62-T15	●	●	25	25	150	36	15	44	62			
62/120-T15	●	●	25	25	150	36	15	62	120	MGMN300 MGMN300 MRMN300		
112/200-T15	●	●	25	25	150	36	15	112	200			
MCPVR/L 420-24/35-T15	●	●	20	20	125	36	15	24	35			
44/62-T15	●	●	20	20	125	36	15	44	62	MGMN400 MGMN400 MRMN400		
62/120-T15	●	●	20	20	125	36	15	62	120			
112/200-T15	●	●	20	20	125	36	15	112	200			
MGFVR/L 425-44/62-T15	●	●	25	25	150	41	15	44	62			
62/120-T15	●	●	25	25	150	41	15	62	120			
112/200-T15	●	●	25	25	150	41	15	112	200			

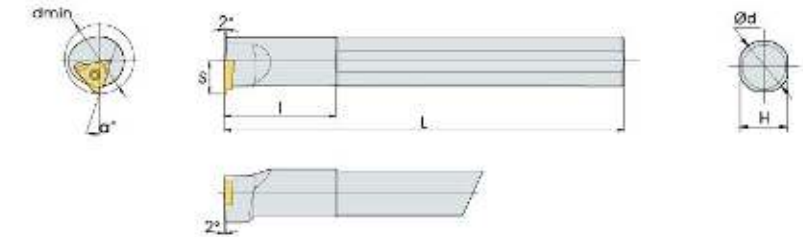
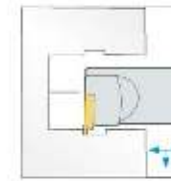
>>> TTIR/L



型号 Designation	库存 Stock		尺寸 Size							内冷却孔 Cooling hole	刀片 Insert	螺丝 Screw	扳手 Wrench	
	R	L	Φd	L	L1	F	H	Tmax	ΦDmin					
TTIR/L16-2	●	●	16	125	35	16.5	7.5	8.5	25	No	TD□□2	M5X10N	L4.0	
TTIR/L20-2	●	●	20	160	40	15.8	9.0	6.0	25			M5X12N		
TTIR/L25-2	●	●	25	200	40	17.5	11.5	5.0	25			M5X16N		
TTIR/L20-3	●	●	20	160	40	15.8	9.0	6.0	25		TD□□3	M5X12N		
TTIR/L25-3	●	●	25	200	40	17.5	11.5	5.1	25			M5X16N		
TTIR/L32-3	●	●	32	250	60	19.8	14.0	4.7	31			M5X16N		
TTIR/L20-4	●	●	20	160	40	15.8	9.0	6.0	25		TD□□4	M5X12N	L5.0	
TTIR/L25-4	●	●	25	200	40	17.5	11.5	5.2	25			M5X16N		
TTIR/L32-4	●	●	32	250	60	20.8	14.0	4.7	31			M5X16N		
TTIR/L25-5	●	●	25	200	40	17.3	11.5	5.2	31		TD□□5	M6X16N		
TTIR/L32-5	●	●	32	250	60	20.8	14.0	4.7	31					TD□□6
TTIR/L32-5	●	●	32	250	60	20.8	14.0	4.7	31					
TTIR/L32-8	●	●	32	250	60	21.3	14.5	5.5	37	TD□□8				
TTIR/L40-8	●	●	40	300	65	25.8	19.0	5.8	42					

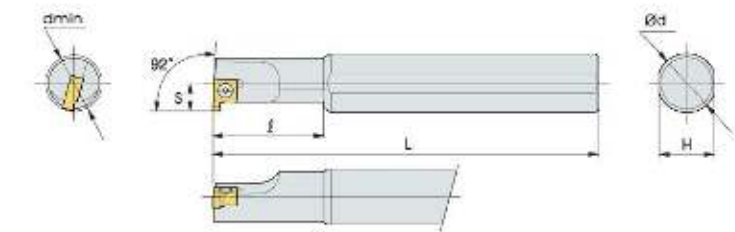
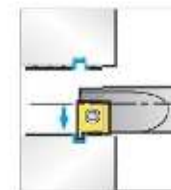
型号 Designation	库存 Stock		尺寸 Size							内冷却孔 Coolinghole	刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	φd	L	L1	F	H	Tmax	φDmin				
TTIR/L16-2C	●	●	16	125	35	16.5	7.5	8.5	25	YES	TD□□2	M5X10N	L4.0
TTIR/L20-2C	●	●	20	160	40	15.8	9.0	6.0	25			M5X12N	
TTIR/L25-2C	●	●	25	200	40	17.5	11.5	5.0	25			M5X16N	
TTIR/L20-3C	●	●	20	160	40	15.8	9.0	6.0	25		TD□□3	M5X12N	
TTIR/L25-3C	●	●	25	200	40	17.5	11.5	5.1	25			M5X16N	
TTIR/L32-3C	●	●	32	250	60	19.8	14.0	4.7	31			M5X16N	
TTIR/L20-4C	●	●	20	160	40	15.8	9.0	6.0	25		TD□□4	M5X12N	
TTIR/L25-4C	●	●	25	200	40	17.5	11.5	5.2	25			M5X16N	
TTIR/L32-4C	●	●	32	250	60	20.8	14.0	4.7	31			M5X16N	
TTIR/L25-5C	●	●	25	200	40	17.3	11.5	5.2	31		TD□□5	M6X16N	L5.0
TTIR/L32-5C	●	●	32	250	60	20.8	14.0	4.7	31		TD□□6		
TTIR/L32-5C	●	●	32	250	60	20.8	14.0	4.7	31		TD□□6		
TTIR/L32-8C	●	●	32	250	60	21.3	14.5	5.5	37		TD□□8		
TTIR/L40-8C	●	●	40	300	65	25.8	19.0	5.8	42				

>>> JSTGR/L

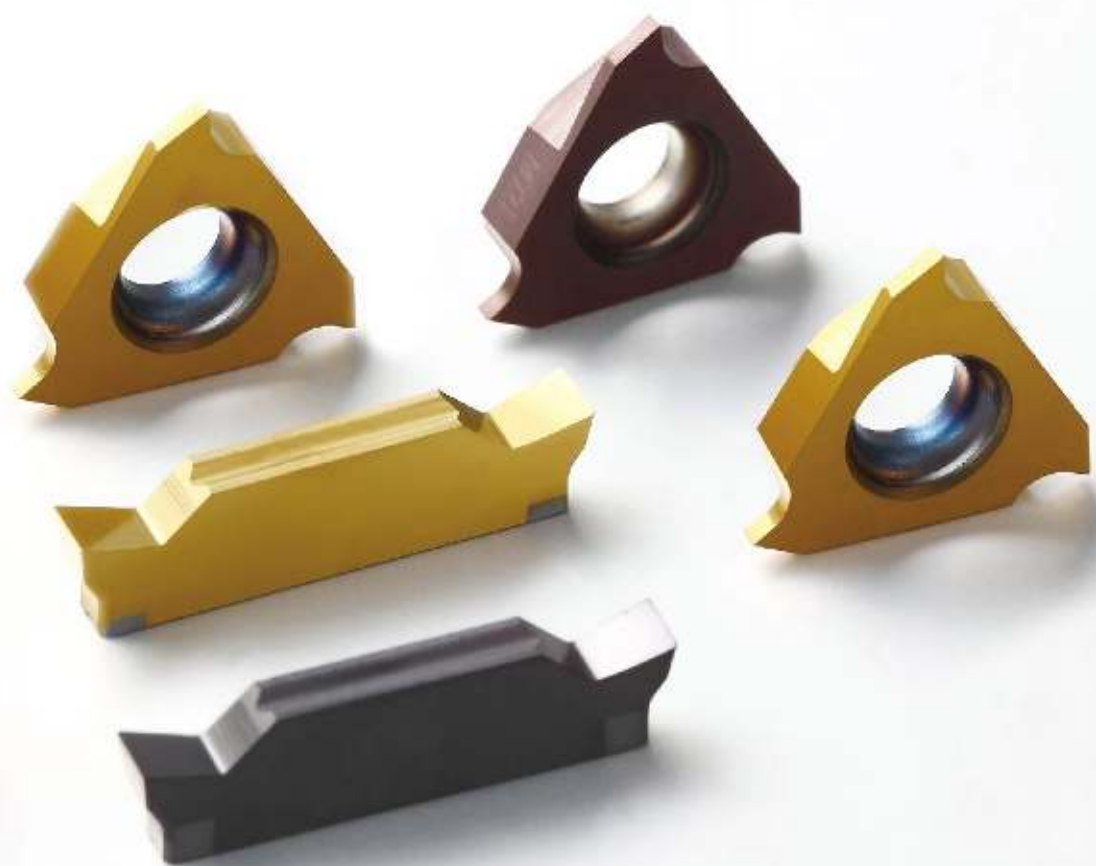


型号 Designation	库存 Stock		尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	ℓ	H			
S20Q-JSTGR/L16	●	●	28	20	13	180	45	18	TGF32R/L	M3.5X9	T15
S25R-JSTGR/L16	●	●	31	25	15.5	200	45	23			
S32S-JSTGR/L16	●	●	38	32	19	250	45	30			

>>> SNGR/L



型号 Designation	库存 Stock		尺寸 Size							刀片 Insert	螺丝 Screw	扳手 Wrench
	R	L	dmin	φd	S	L	ℓ	H				
SNGR/L 08H07	●		10	8	5.8	100	18	7	7GR	M2.2X6	T6	
10K07	●		12	10	6.8	125	18	9				
10K08	●		12	10	7.6	125	18	9	8GR	M2.2X6	T6	
12M08	●		16	12	8.6	150	20	11				
16Q09	●		20	16	11.6	180	25	15	9GR	M2.2X8	T8	
20Q09	●		24	20	13.6	180	25	18				



B

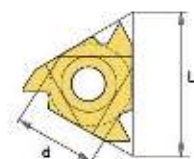
螺纹刀片系列 Threading insert

螺纹刀片型号编码说明 Threading insert code system

16		E	R		1.5	ISO			SMX30
1	2	3	4	5	6	7	8	9	10

1 刀片尺寸 Insert size

L08:d=4.762mm
L11:d=6.35mm
L16:d=9.525mm
L22:d=12.7mm
L27:d=15.875mm



2 刀片形状 Insert Shape

U 型
U type
V 型
V type

3 刀杆类型 Holder Style

E: 外螺纹刀片
E: External thread
I: 内螺纹刀片
I: Internal thread

4 刀片方向 Hand of insert

R: 右手刀片
R: Right-hand
L: 左手刀片
L: Left-hand

5 断屑槽 Chip breaker

M: 压制
M: With chip breaker
Non code: 磨制
Non code: Common

6

全牙型 Full profile		全牙型 Full profile	
mm	TPL	mm	TPL
0.35~0.6	72~3	A 0.5~1.5	48~16
		AG 0.5~3.0	48~8
		G 1.75~3.0	14~8
		N 3.5~5.0	7~5
		Q 5.5~6.0	4.5~4

7 螺纹标准 Thread standard

60° 范围牙型螺纹
55° 范围牙型螺纹
ISO 公制螺纹 (全牙型)
UN,UNC,UNF 美制螺纹 (全牙型)
BSW,BSF,BSP 惠氏螺纹 (全牙型)
BSPT 英制标准锥管螺纹 (全牙型)
NPT 美制60° 锥管螺纹 (全牙型)
NPTF 美制干密封直管螺纹 (全牙型)
RD 圆齿螺纹DIN405
TR 梯形螺纹DIN103
ACME 美式梯形螺纹
STACME 美制短牙梯形螺纹
UNJ 精密圆牙顶60° 螺纹
ABUT 美制矩齿螺纹
APL 美制石油管圆齿螺纹

60° Partial Profile 60°
55° Partial Profile 55°
ISO ISO Metric (Full profile)
UN,UNC,UNF American UN (Full profile)
BSW,BSF,BSP Whitworth (Full profile)
BSPT British Standard Pipe Thread (Full profile)
NPT National pipe Thread (Full profile)
NPTF National pipe Threads Dryseal (Full profile)
RD Round DIN405
TR Trapez DIN103
ACME American
STAME Stud ACME
UNJ
ABUT American Bullress
API API Round Casing & Tuding

8 API型式 API Size & Taper

380.5 APIV-0.38R
382 APIV-0.038R1:6
383 APIV 0.038R1:4
403 APIV-0.040 1:4
502 APIV 0.050 1:6
503 APIV-0.050 1:4
551 APIV-0.055 1:8

9 齿数 No.of Teeth

For Multi-Tooth Style 2 3 5 6 8

10 等级 Carbide grade

SMX30 SMX35 SH945 SMK01

螺纹刀片系列 Threading insert



材料应用 Application grade

A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻头
Drill tool holder

E
硬质合金刀片
Carbide tools

SMX30

TiN PVD涂层, 适用于钢和不锈钢的低速切削。
TiN PVD coated, yellow color, For lowing cutting speed,
Works well with wide range of steel and stainless steel



SMX35

TiAlN PVD涂层, 优良的耐断裂韧性和耐磨型, 适用于钢和不锈钢的中高速切削。
TiAlN PVD coated,black color, Micrograin grade provides good
fracture toughness and excellent wearresistance,It is good for
steel and stainless steel at medium or high cutting speeds.



SH945

SiTiNO PVD涂层, 多层涂层, 古铜色, 主要针对不锈钢的中高速切削, 带断屑槽。
SiTiNO PVD coating, multi-layer coating, copper color, mainly
for medium and high speed cutting of stainless steel, with chip breaker.



SMK01

无钝化, 无涂层, 适用于铜、铝合金等有色金属切削。
Not passivation, Uncoated grade, It is good for aluminum, copper or other non-ferrous.



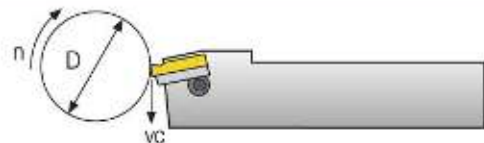
切削速度 Recommended cutting speed

材料 Material		Vc(m/min)			
		SMX30	SMX35	SH945	SMK01
P	Low alloy steel(alloying elements<5%)	100-140	80-150	120-200	
	Higt alloy steel(alloying elements >5%),cast steel,and tool steel	40-80	60-130	100-130	
M	Stainless steel	40-90	40-80	60-120	
N	Aluminum alloy				200-300
	Copper and cooper alloy				150-180
	Non meallc				100-170

转速计算 Calculation of N {RPM}

$$V_c = \frac{\pi \times D \times N}{1000}$$

$$N = \frac{V_c \times 1000}{\pi \times D}$$



N=每分钟转速 Revolution per Minute (min-1)
Vc=切削速度 Cutting Speed (m/min)
D=被加工件直径 Workpiece Diameter (mm)

转速计算 Calculation of N {RPM}

螺距	mm	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	5.00	5.5	6.00	8.00
Pitch	TPL	48	32	24	20	16	14	12	10	8	17	6	5.5	4.5	4	3
进刀次数 NO. of passes		4-6	4-7	4-8	5-9	6-10	7-12	7-12	8-14	9-16	10-18	11-18	11-19	12-20	12-20	15-24

注意 Notes:

- 1、中高数值适合大多数情况。
For most stand and applications,the middle of the range is a good starting point.
- 2、越硬的材料可以选择越多的走刀次数。
For most materials,the tougher the material,the higher the number of cutting passes you should select.
- 3、较多的走刀次数, 比较快的切削速度更有利于加工。
As a general rule of thumb,less passes are better than more speed.
- 4、每次进给都应确保机床的负荷程度。
Infeed per pass should ensure an even machine load.

A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻头
Drill tool holder

E
硬质合金刀片
Carbide tools

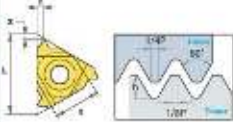
>>> 60° 范围牙型 Partial Profile

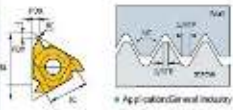
类型 Type	型号 Designation		螺距 Pitch		尺寸 Size				图片 Picture
	右手 Right	左手 Left	mm	TIP	d	L	x	f	
外螺纹 External	11ER A60	11EL A60	0.5~1.5	48~16	6.35	11	0.8	0.9	
	16ER A60	16EL A60	0.5~1.5	48~16	9.525	16	0.8	0.9	
	16ER G60	16EL G60	1.75~3.0	14~8	9.525	16	1.2	1.5	
	16ER AG60	16EL AG60	0.5~3.0	48~8	9.525	16	1.2	1.5	
	22ER N60	22EL N60	3.5~5.0	7~5	12.7	22	1.7	2.5	
	27ER Q60	27EL Q60	5.5~6.0	4.5~4	15.875	27	2.3	3.1	
内螺纹 Internal	08IR A60	08IL A60	0.5~1.5	48~16	4.762	08	0.6	0.6	
	11IR A60	11IL A60	0.5~1.5	48~16	6.35	11	0.8	0.9	
	16IR A60	16IL A60	0.5~1.5	48~16	9.525	16	0.8	0.9	
	16IR G60	16IL G60	1.75~3.0	14~8	9.525	16	1.2	1.5	
	16IR AG60	16IL AG60	0.5~3.0	48~8	9.525	16	1.2	1.5	
	22IR N60	22IL N60	3.5~5.0	7~5	12.7	22	1.7	2.5	
	27IR Q60	27IL Q60	5.5~6.0	4.5~4	15.875	27	2.3	2.7	
类型 Type	型号 Designation		螺距 Pitch		尺寸 Size				图片 Picture
	外螺纹 External	内螺纹 Internal	mm	TPI	IC	INSL	POY	PDX	
压制断屑槽 With chip breaker	11FRA60 SH945	11IRA60 SH945	0.5~1.5	48~16	6.35	11	0.8	0.9	
	16ERA60 SH945	16IRA60 SH945	0.5~1.5	48~16	9.525	16	0.8	0.9	
	16ERG60 SH945	16IRA60 SH945	1.75~3.0	14~8	9.525	16	1.1	1.5	
	16ERAG60 SH945	16IRAG60 SH945	0.5~3.0	48~8	9.525	16	1.1	1.5	
	22ERN60 SH945	22IRA60 SH945	3.5~5.0	7~5	12.7	22	1.7	2.5	

>>> 55° 范围牙型 Partial Profile

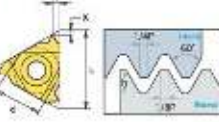
类型 Type	型号 Designation		螺距 Pitch		尺寸 Size				图片 Picture
	右手 Right	左手 Left	mm	TIP	d	L	x	f	
外螺纹 External	11FR A55	11FL A55	0.5~1.5	48~16	6.35	11	0.8	0.9	
	16FR A55	16FL A55	0.5~1.5	48~16	9.525	16	0.8	0.9	
	16FR G55	16FL G55	1.75~3.0	14~8	9.525	16	1.2	1.5	
	16FR AG55	16FL AG55	0.5~3.0	48~8	9.525	16	1.2	1.5	
	22FR N55	22FL N55	3.5~5.0	7~5	12.7	22	1.7	2.5	
	27FR Q55	27FL Q55	5.5~6.0	4.5~4	15.875	27	2.0	2.9	
内螺纹 Internal	08IR A55	08IL A55	0.5~1.5	48~16	4.762	08	0.6	0.6	
	11IR A55	11IL A55	0.5~1.5	48~16	6.35	11	0.8	0.9	
	16IR A55	16IL A55	0.5~1.5	48~16	9.525	16	0.8	0.9	
	16IR G55	16IL G55	1.75~3.0	14~8	9.525	16	1.2	1.5	
	16IR AG55	16IL AG55	0.5~3.0	48~8	9.525	16	1.2	1.5	
	22IR N55	22IL N55	3.5~5.0	7~5	12.7	22	1.7	2.5	
	27IR Q55	27IL Q55	5.5~6.0	4.5~4	15.875	27	2.0	2.9	
类型 Type	型号 Designation		螺距 Pitch		尺寸 Size				图片 Picture
	外螺纹 External	内螺纹 Internal	mm	TPI	IC	INSL	POY	PDX	
压制断屑槽 With chip breaker	16FRA55 SH945	16IRA55 SH945	0.5~1.5	48~16	9.525	16	0.8	0.9	
	16ERG55 SH945	16IRG55 SH945	1.75~3.0	14~8	9.525	16	1.1	1.5	
	16ERAG55 SH945	16IRAG55 SH945	0.5~3.0	48~8	9.525	16	1.1	1.5	

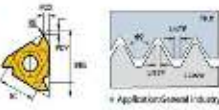
>>> ISO公制螺纹 ISO Metric

类型 Type	型号 Designation		螺距 Pitch		尺寸 Size				图片 Picture
	右手 Right	左手 Left	mm	TIP	d	L	x	f	
外螺纹 External	11ER0.5ISO	11EL0.5ISO	0.5	0.5	6.35	11	0.6	0.4	
	11ER0.6ISO	11EL0.6ISO	0.6	0.6	6.35	11	0.6	0.6	
	11ER0.7ISO	11EL0.7ISO	0.7	0.7	6.35	11	0.6	0.6	
	11ER0.75ISO	11EL0.75ISO	0.75	0.75	6.35	11	0.6	0.6	
	11ER0.8ISO	11EL0.8ISO	0.8	0.8	6.35	11	0.6	0.6	
	11ER1.0ISO	11EL1.0ISO	1.0	1.0	6.35	11	0.7	0.7	
	11ER1.25ISO	11EL1.25ISO	1.25	1.25	6.35	11	0.8	0.9	
	11ER1.5ISO	11EL1.5ISO	1.5	1.5	6.35	11	0.8	1.0	
	11ER1.75ISO	11EL1.75ISO	1.75	1.75	6.35	11	0.8	1.1	
	16ER0.5ISO	16EL0.5ISO	0.5	0.5	9.525	16	0.6	0.4	
	16ER0.6ISO	16EL0.6ISO	0.6	0.6	9.525	16	0.6	0.6	
	16ER0.7ISO	16EL0.7ISO	0.7	0.7	9.525	16	0.6	0.6	
	16ER0.75ISO	16EL0.75ISO	0.75	0.75	9.525	16	0.6	0.6	
	16ER0.8ISO	16EL0.8ISO	0.8	0.8	9.525	16	0.6	0.6	
	16ER1.0ISO	16EL1.0ISO	1.0	1.0	9.525	16	0.7	0.7	
	16ER1.25ISO	16EL1.25ISO	1.25	1.25	9.525	16	0.8	0.9	
	16ER1.5ISO	16EL1.5ISO	1.5	1.5	9.525	16	0.8	1.0	
	16ER1.75ISO	16EL1.75ISO	1.75	1.75	9.525	16	0.9	1.2	
	16ER2.0ISO	16EL2.0ISO	2.0	2.0	9.525	16	1.0	1.3	
	16ER2.5ISO	16EL2.5ISO	2.5	2.5	9.525	16	1.1	1.5	
	16ER3.0ISO	16EL3.0ISO	3.0	3.0	9.525	16	1.2	1.6	
	16ER3.5ISO	16EL3.5ISO	3.5	3.5	9.525	16	1.6	2.3	
	22ER3.5ISO	22EL3.5ISO	3.5	3.5	12.7	22	1.6	2.3	
	22ER4.0ISO	22EL4.0ISO	4.0	4.0	12.7	22	1.6	2.3	
	22ER4.5ISO	22EL4.5ISO	4.5	4.5	12.7	22	1.7	2.4	
	22ER5.0ISO	22EL5.0ISO	5.0	5.0	12.7	22	1.7	2.5	
	22ER6.0ISO	22EL6.0ISO	6.0	6.0	12.7	22	2.0	2.9	
	27ER5.5ISO	27EL5.5ISO	5.5	5.5	15.875	27	1.9	2.7	
	27ER6.0ISO	27EL6.0ISO	6.0	6.0	15.875	27	2.0	2.9	

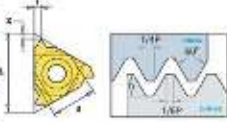
类型 Type	型号 Designation	尺寸 Size					图片 Picture
		IC	TPI	INSI	PDIY	PDX	
压制断屑槽 With chip breaker	16ER1.0ISO SH945	9.525	1.0	16	0.7	0.7	
	16ER1.25ISO SH945	9.525	1.25	16	0.8	0.8	
	16ER1.5ISO SH945	9.525	1.5	16	0.8	1.0	
	16ER1.75ISO SH945	9.525	1.75	16	1.0	1.2	
	16ER2.0ISO SH945	9.525	2.0	16	1.0	1.3	
	16ER2.5ISO SH945	9.525	2.5	16	1.2	1.5	
	16ER3.0ISO SH945	9.525	3.0	16	1.2	1.5	

>>> ISO公制螺纹 ISO Metric

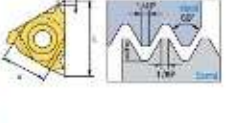
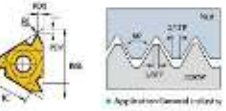
类型 Type	型号 Designation		螺距 Pitch		尺寸 Size				图片 Picture
	右手 Right	左手 Left	mm	TIP	d	L	x	f	
内螺纹 Internal	11IR0.5ISO	11IL0.5ISO	0.5	0.5	6.35	11	0.6	0.4	
	11IR0.6ISO	11IL0.6ISO	0.6	0.6	6.35	11	0.6	0.6	
	11IR0.7ISO	11IL0.7ISO	0.7	0.7	6.35	11	0.6	0.6	
	11IR0.75ISO	11IL0.75ISO	0.75	0.75	6.35	11	0.6	0.6	
	11IR0.8ISO	11IL0.8ISO	0.8	0.8	6.35	11	0.6	0.6	
	11IR1.0ISO	11IL1.0ISO	1.0	1.0	6.35	11	0.7	0.7	
	11IR1.25ISO	11IL1.25ISO	1.25	1.25	6.35	11	0.8	0.9	
	11IR1.5ISO	11IL1.5ISO	1.5	1.5	6.35	11	0.8	1.0	
	11IR1.75ISO	11IL1.75ISO	1.75	1.75	6.35	11	0.9	1.1	
	16IR0.5ISO	16IL0.5ISO	0.5	0.5	9.525	16	0.6	0.4	
	16IR0.6ISO	16IL0.6ISO	0.6	0.6	9.525	16	0.6	0.6	
	16IR0.7ISO	16IL0.7ISO	0.7	0.7	9.525	16	0.6	0.6	
	16IR0.75ISO	16IL0.75ISO	0.75	0.75	9.525	16	0.6	0.6	
	16IR0.8ISO	16IL0.8ISO	0.8	0.8	9.525	16	0.6	0.6	
	16IR1.0ISO	16IL1.0ISO	1.0	1.0	9.525	16	0.6	0.7	
	16IR1.25ISO	16IL1.25ISO	1.25	1.25	9.525	16	0.8	0.9	
	16IR1.5ISO	16IL1.5ISO	1.5	1.5	9.525	16	0.8	1.0	
	16IR1.75ISO	16IL1.75ISO	1.75	1.75	9.525	16	0.9	1.2	
	16IR2.0ISO	16IL2.0ISO	2.0	2.0	9.525	16	1.0	1.3	
	16IR2.5ISO	16IL2.5ISO	2.5	2.5	9.525	16	1.1	1.5	
	16IR3.0ISO	16IL3.0ISO	3.0	3.0	9.525	16	1.1	1.5	
	16IR3.5ISO	16IL3.5ISO	3.5	3.5	9.525	16	1.6	2.3	
	22IR3.5ISO	22IL3.5ISO	3.5	3.5	12.7	22	1.6	2.3	
	22IR4.0ISO	22IL4.0ISO	4.0	4.0	12.7	22	1.6	2.3	
	22IR4.5ISO	22IL4.5ISO	4.5	4.5	12.7	22	1.6	2.4	
	22IR5.0ISO	22IL5.0ISO	5.0	5.0	12.7	22	1.6	2.3	
	22IR6.0ISO	22IL6.0ISO	6.0	6.0	12.7	22	2.0	2.9	
	27IR5.5ISO	27IL5.5ISO	5.5	5.5	15.875	27	1.6	2.3	
	27IR6.0ISO	27IL6.0ISO	6.0	6.0	15.875	27	1.8	2.5	

类型 Type	型号 Designation	尺寸 Size					图片 Picture
		IC	TPI	INSI	PDIY	PDX	
压制断屑槽 With chip breaker	16IR1.0ISO SH945	9.525	1.0	16	0.7	0.7	
	16IR1.25ISO SH945	9.525	1.25	16	0.8	0.8	
	16IR1.5ISO SH945	9.525	1.5	16	0.8	1.0	
	16IR1.75ISO SH945	9.525	1.75	16	1.0	1.2	
	16IR2.0ISO SH945	9.525	2.0	16	1.0	1.3	
	16IR2.5ISO SH945	9.525	2.5	16	1.2	1.5	
	16IR3.0ISO SH945	9.525	3.0	16	1.2	1.5	

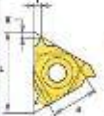
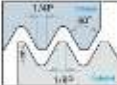
>>> 美制螺纹UN American UN

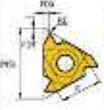
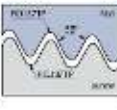
类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	s	f	
外螺纹 External	11ER24UN	11EL24UN	24	6.35	11	0.7	0.8	
	11ER20UN	11EL20UN	20	6.35	11	0.8	0.9	
	11ER18UN	11EL18UN	18	6.35	11	0.8	1.0	
	11ER16UN	11EL16UN	16	6.35	11	0.9	1.1	
	11ER14UN	11EL14UN	14	6.35	11	0.9	1.1	
	16ER36UN	16EL36UN	36	9.525	16	0.6	0.6	
	16ER32UN	16EL32UN	32	9.525	16	0.6	0.6	
	16ER28UN	16EL28UN	28	9.525	16	0.6	0.7	
	16ER27UN	16EL27UN	27	9.525	16	0.7	0.8	
	16ER24UN	16EL24UN	24	9.525	16	0.7	0.8	
	16ER20UN	16EL20UN	20	9.525	16	0.8	0.9	
	16ER18UN	16EL18UN	18	9.525	16	0.8	1.0	
	16ER16UN	16EL16UN	16	9.525	16	0.9	1.1	
	16ER14UN	16EL14UN	14	9.525	16	1.0	1.2	
	16ER13UN	16EL13UN	13	9.525	16	1.0	1.3	
	16ER12UN	16EL12UN	12	9.525	16	1.1	1.4	
	16ER11.5UN	16EL11.5UN	11.5	9.525	16	1.1	1.5	
	16ER11UN	16EL11UN	11	9.525	16	1.1	1.5	
	16ER10UN	16EL10UN	10	9.525	16	1.1	1.5	
	16ER9UN	16EL9UN	9	9.525	16	1.2	1.7	
	16ER8UN	16EL8UN	8	9.525	16	1.2	1.6	
	16ER7UN	16EL7UN	7	9.525	16	1.3	1.5	
	22ER6UN	22EL6UN	6	12.7	22	1.6	2.3	
	22ER5UN	22EL5UN	5	12.7	22	1.7	2.5	
类型 Type	型号 Designation		尺寸 Size					图片 Picture
			IC	TPI	INSL	PDY	PDX	
压制断屑槽 With chip breaker	16ER12UN SH945		9.525	12	16	1.1	1.5	
	16ER14UN SH945		9.525	14	16	1.2	1.2	
	16ER16UN SH945		9.525	16	16	0.9	1.1	
	16ER18UN SH945		9.525	18	16	0.8	0.8	
	16ER20UN SH945		9.525	20	16	0.8	0.9	

>>> 美制螺纹UN American UN

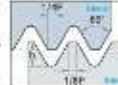
类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	s	f	
内螺纹 Internal	11IR24UN	11IL24UN	24	6.35	11	0.7	0.8	
	11IR20UN	11IL20UN	20	6.35	11	0.8	0.9	
	11IR18UN	11IL18UN	18	6.35	11	0.8	1.0	
	11IR16UN	11IL16UN	16	6.35	11	0.9	1.1	
	11IR14UN	11IL14UN	14	6.35	11	0.9	1.1	
	11IR12UN	11IL12UN	12	6.35	11	0.8	1.1	
	16IR36UN	16IL36UN	36	9.525	16	0.6	0.6	
	16IR32UN	16IL32UN	32	9.525	16	0.6	0.6	
	16IR28UN	16IL28UN	28	9.525	16	0.6	0.7	
	16IR27UN	16IL27UN	27	9.525	16	0.7	0.8	
	16IR24UN	16IL24UN	24	9.525	16	0.7	0.8	
	16IR20UN	16IL20UN	20	9.525	16	0.8	0.9	
	16IR18UN	16IL18UN	18	9.525	16	0.8	1.0	
	16IR16UN	16IL16UN	16	9.525	16	0.9	1.1	
	16IR14UN	16IL14UN	14	9.525	16	0.9	1.2	
	16IR13UN	16IL13UN	13	9.525	16	1.0	1.3	
	16IR12UN	16IL12UN	12	9.525	16	1.1	1.4	
	16IR11.5UN	16IL11.5UN	11.5	9.525	16	1.1	1.5	
	16IR11UN	16IL11UN	11	9.525	16	1.1	1.5	
	16IR10UN	16IL10UN	10	9.525	16	1.1	1.5	
	16IR9UN	16IL9UN	9	9.525	16	1.2	1.7	
	16IR8UN	16IL8UN	8	9.525	16	1.2	1.6	
	16IR7UN	16IL7UN	7	9.525	16	1.3	1.5	
	22IR6UN	22IL6UN	6	12.7	22	1.6	2.3	
	22IR5UN	22IL5UN	5	12.7	22	1.7	2.3	
类型 Type	型号 Designation		尺寸 Size					图片 Picture
			IC	TPI	INSL	PDY	PDX	
压制断屑槽 With chip breaker	16IR12UN SH945		9.525	12	16	1.1	1.5	
	16IR14UN SH945		9.525	14	16	0.9	1.2	
	16IR16UN SH945		9.525	16	16	0.9	1.1	
	16IR18UN SH945		9.525	18	16	0.8	0.8	
	16IR20UN SH945		9.525	20	16	0.8	0.9	

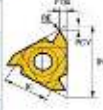
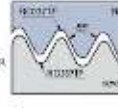
>>> 惠氏螺纹 Whitworth BSW,BSF,BSP

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	11ER28W	11EL28W	28	6.35	11	0.6	0.7	 
	11ER26W	11EL26W	26	6.35	11	0.7	0.8	
	11ER20W	11EL20W	20	6.35	11	0.8	0.9	
	11ER19W	11EL19W	19	6.35	11	0.8	1.0	
	11ER18W	11EL18W	18	6.35	11	0.8	1.0	
	11ER16W	11EL16W	16	6.35	11	0.9	1.1	
	11ER14W	11EL14W	14	6.35	11	1.0	1.2	
	11ER11W	11EL11W	11	6.35	11	1.0	1.2	
	16ER32W	16EL32W	32	9.525	16	0.6	0.6	
	16ER28W	16EL28W	28	9.525	16	0.6	0.7	
	16ER26W	16EL26W	26	9.525	16	0.7	0.8	
	16ER24W	16EL24W	24	9.525	16	0.7	0.8	
	16ER20W	16EL20W	20	9.525	16	0.8	0.9	
	16ER19W	16EL19W	19	9.525	16	0.8	1.0	
	16ER18W	16EL18W	18	9.525	16	0.8	1.0	
	16ER16W	16EL16W	16	9.525	16	0.9	1.1	
	16ER14W	16EL14W	14	9.525	16	1.0	1.2	
	16ER12W	16EL12W	12	9.525	16	1.1	1.4	
	16ER11W	16EL11W	11	9.525	16	1.1	1.5	
	16ER10W	16EL10W	10	9.525	16	1.1	1.5	
	16ER9W	16EL9W	9	9.525	16	1.2	1.7	
	16ER8W	16EL8W	8	9.525	16	1.2	1.5	
	22ER7W	22EL7W	7	12.7	22	1.6	2.3	
	22ER6W	22EL6W	6	12.7	22	1.6	2.3	
	22ER5W	22EL5W	5	12.7	22	1.7	2.4	
	27ER4.5W	27EL4.5W	4.5	15.875	27	1.8	2.6	
	27ER4W	27EL4W	4	15.875	27	2.0	2.9	

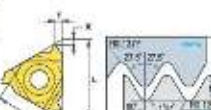
类型 Type	型号 Designation	尺寸 Size					图片 Picture
		IC	TPI	INSL	PDY	PDX	
压制断屑槽 With chip breaker	16ER8W SH945	9.525	8	16	1.2	1.5	 
	16ER11W SH945	9.525	11	16	1.2	1.5	
	16ER12W SH945	9.525	12	16	1.2	1.5	
	16ER14W SH945	9.525	14	16	1.0	1.2	
	16ER19W SH945	9.525	19	16	0.8	1.0	

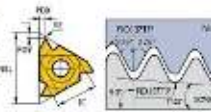
>>> 惠氏螺纹 Whitworth BSW,BSF,BSP

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
内螺纹 Internal	11IR28W	11IL28W	28	6.35	11	0.6	0.7	 
	11IR26W	11IL26W	26	6.35	11	0.7	0.8	
	11IR20W	11IL20W	20	6.35	11	0.8	0.9	
	11IR19W	11IL19W	19	6.35	11	0.8	1.0	
	11IR18W	11IL18W	18	6.35	11	0.8	1.0	
	11IR16W	11IL16W	16	6.35	11	0.9	1.1	
	11IR14W	11IL14W	14	6.35	11	0.9	1.1	
	11IR11W	11IL11W	11	6.35	11	1.0	1.2	
	16IR32W	16IL32W	32	9.525	16	0.6	0.6	
	16IR28W	16IL28W	28	9.525	16	0.6	0.7	
	16IR26W	16IL26W	26	9.525	16	0.7	0.8	
	16IR24W	16IL24W	24	9.525	16	0.7	0.8	
	16IR20W	16IL20W	20	9.525	16	0.8	0.9	
	16IR19W	16IL19W	19	9.525	16	0.8	1.0	
	16IR18W	16IL18W	18	9.525	16	0.8	1.0	
	16IR16W	16IL16W	16	9.525	16	0.9	1.1	
	16IR14W	16IL14W	14	9.525	16	1.0	1.2	
	16IR12W	16IL12W	12	9.525	16	1.1	1.4	
	16IR11W	16IL11W	11	9.525	16	1.1	1.5	
	16IR10W	16IL10W	10	9.525	16	1.1	1.5	
	16IR9W	16IL9W	9	9.525	16	1.2	1.7	
	16IR8W	16IL8W	8	9.525	16	1.2	1.5	
	22IR7W	22IL7W	7	12.7	22	1.6	2.3	
	22IR6W	22IL6W	6	12.7	22	1.7	2.3	
	22IR5W	22IL5W	5	12.7	22	1.7	2.4	
	27IR4.5W	27IL4.5W	4.5	15.875	27	1.8	2.6	
	27IR4W	27IL4W	4	15.875	27	2.0	2.9	

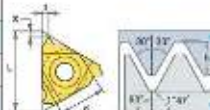
类型 Type	型号 Designation	尺寸 Size					图片 Picture
		IC	TPI	INSL	PDY	PDX	
压制断屑槽 With chip breaker	16ER8W SH945	9.525	8	16	1.2	1.5	 
	16ER11W SH945	9.525	11	16	1.2	1.5	
	16ER12W SH945	9.525	12	16	1.2	1.5	
	16ER14W SH945	9.525	14	16	1.0	1.2	
	16ER19W SH945	9.525	19	16	0.8	1.0	

>>> BSPT英制标准锥管螺纹 British Standard Pipe Thread

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	11ER28BSPT	11EL28BSPT	28	6.35	11	0.6	0.6	
	11ER19BSPT	11EL19BSPT	19	6.35	11	0.8	0.9	
	11ER14BSPT	11EL14BSPT	14	6.35	11	0.9	1.0	
	16ER28BSPT	16EL28BSPT	28	9.525	16	0.6	0.6	
	16ER19BSPT	16EL19BSPT	19	9.525	16	0.8	0.9	
	16ER14BSPT	16EL14BSPT	14	9.525	16	1.0	1.2	
	16ER11BSPT	16EL11BSPT	11	9.525	16	1.1	1.5	
内螺纹 Internal	11IR28BSPT	11IL28BSPT	28	6.35	11	0.6	0.6	
	11IR19BSPT	11IL19BSPT	19	6.35	11	0.8	0.9	
	11IR14BSPT	11IL14BSPT	14	6.35	11	0.9	1.0	
	16IR28BSPT	16IL28BSPT	28	9.525	16	0.6	0.6	
	16IR19BSPT	16IL19BSPT	19	9.525	16	0.8	0.9	
	16IR14BSPT	16IL14BSPT	14	9.525	16	1.0	1.2	
	16IR11BSPT	16IL11BSPT	11	9.525	16	1.1	1.5	

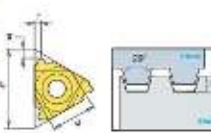
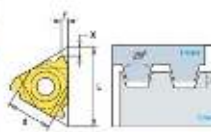
类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		IC	INSL	PDX	PDX	
压制断屑槽 With chip breaker	16ER11BSPT SH945	16IR11BSPT SH945	11	9.525	16	1.1	1.5	
	16ER14BSPT SH945	16IR14BSPT SH945	14	9.525	16	1.0	1.2	
	16ER19BSPT SH945	16IR19BSPT SH945	19	9.525	16	0.8	0.9	

>>> NPT 美制60° 锥管螺纹 National pipe Thread

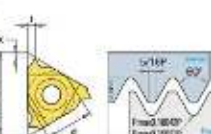
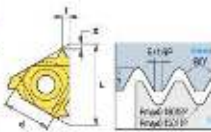
类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	11ER27NPT	11EL27NPT	27	6.35	11	0.7	0.8	
	11ER18NPT	11EL18NPT	18	6.35	11	0.8	1.0	
	11ER14NPT	11EL14NPT	14	6.35	11	0.8	1.0	
	16ER27NPT	16EL27NPT	27	9.525	16	0.7	0.8	
	16ER18NPT	16EL18NPT	18	9.525	16	0.8	1.0	
	16FR14NPT	16FL14NPT	14	9.525	16	0.9	1.2	
	16ER11.5NPT	16EL11.5NPT	11.5	9.525	16	1.1	1.5	
	16FR8NPT	16FL8NPT	8	9.525	16	1.3	1.8	
内螺纹 Internal	11IR27NPT	11IL27NPT	27	6.35	11	0.7	0.8	
	11IR18NPT	11IL18NPT	18	6.35	11	0.8	1.0	
	11IR14NPT	11IL14NPT	14	6.35	11	0.8	1.0	
	16IR27NPT	16IL27NPT	27	9.525	16	0.7	0.8	
	16IR18NPT	16IL18NPT	18	9.525	16	0.8	1.0	
	16IR14NPT	16IL14NPT	14	9.525	16	0.9	1.2	
	16IR11.5NPT	16IL11.5NPT	11.5	9.525	16	1.1	1.5	
	16IR8NPT	16IL8NPT	8	9.525	16	1.3	1.8	

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		IC	INSL	PDX	PDX	
压制断屑槽 With chip breaker	16ER11.5NPT SH945	16IR11.5NPT SH945	11.5	9.525	16	1.1	1.5	
	16ER14NPT SH945	16IR14NPT SH945	14	9.525	16	0.9	1.2	
	16FR18NPT SH945	16IR18NPT SH945	18	9.525	16	0.9	1.0	

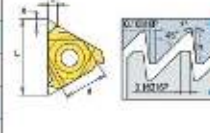
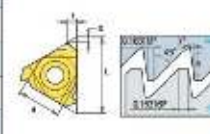
>>> STACME 美制短牙梯形螺纹 Stub ACME

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	16ER14STACME	16EL14STACME	14	9.525	16	1.1	1.1	
	16ER12STACME	16EL12STACME	12	9.525	16	1.2	1.2	
	16ER10STACME	16EL10STACME	10	9.525	16	1.2	1.3	
	16ER8STACME	16EL8STACME	8	9.525	16	1.4	1.5	
	16ER6STACME	16EL6STACME	6	9.525	16	1.7	1.8	
	22ER6STACME	22EL6STACME	6	12.7	22	1.7	1.8	
	22ER5STACME	22EL5STACME	5	12.7	22	2.1	2.3	
	22ER4STACME	22EL4STACME	4	12.7	22	2.3	2.4	
内螺纹 Internal	16IR14STACME	16IL14STACME	14	9.525	16	1.1	1.1	
	16IR12STACME	16IL12STACME	12	9.525	16	1.2	1.2	
	16IR10STACME	16IL10STACME	10	9.525	16	1.2	1.3	
	16IR8STACME	16IL8STACME	8	9.525	16	1.4	1.5	
	16IR6STACME	16IL6STACME	6	9.525	16	1.7	1.8	
	22IR6STACME	22IL6STACME	6	12.7	22	1.7	1.8	
	22IR5STACME	22IL5STACME	5	12.7	22	2.1	2.3	
	22IR4STACME	22IL4STACME	4	12.7	22	2.3	2.4	

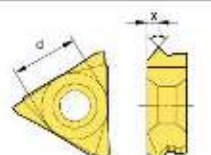
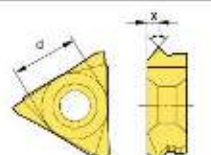
>>> UNJ 精密圆弧牙顶60° 螺纹

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	16ER32UNJ	16EL32UNJ	32	9.525	16	0.6	0.7	
	16ER28UNJ	16EL28UNJ	28	9.525	16	0.7	0.7	
	16ER24UNJ	16EL24UNJ	24	9.525	16	0.7	0.8	
	16ER20UNJ	16EL20UNJ	20	9.525	16	0.8	0.9	
	16ER18UNJ	16EL18UNJ	18	9.525	16	0.8	1.0	
	16ER16UNJ	16EL16UNJ	16	9.525	16	0.9	1.1	
	16ER14UNJ	16EL14UNJ	14	9.525	16	1.0	1.2	
	16IR12UNJ	16IL12UNJ	12	9.525	16	1.1	1.3	
内螺纹 Internal	16IR32UNJ	16IL32UNJ	32	9.525	16	0.6	0.7	
	16IR28UNJ	16IL28UNJ	28	9.525	16	0.7	0.7	
	16IR24UNJ	16IL24UNJ	24	9.525	16	0.7	0.8	
	16IR20UNJ	16IL20UNJ	20	9.525	16	0.8	0.9	
	16IR18UNJ	16IL18UNJ	18	9.525	16	0.8	1.0	
	16IR16UNJ	16IL16UNJ	16	9.525	16	0.9	1.1	
	16IR14UNJ	16IL14UNJ	14	9.525	16	1.0	1.2	
	16IR12UNJ	16IL12UNJ	12	9.525	16	1.1	1.3	

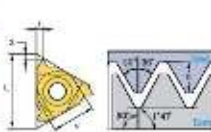
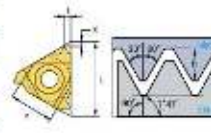
>>> ABUT 美制钹齿螺纹 American Buttress

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	16ER20ABUT	16EL20ABUT	20	9.525	16	1.0	1.4	
	16ER16ABUT	16EL16ABUT	16	9.525	16	1.3	1.9	
	16ER12ABUT	16EL12ABUT	12	9.525	16	1.4	2.0	
	16ER10ABUT	16EL10ABUT	10	9.525	16	1.5	2.3	
	22ER8ABUT	22EL8ABUT	8	12.7	22	2.0	3.2	
	22ER6ABUT	22EL6ABUT	6	12.7	22	2.2	3.5	
内螺纹 Internal	16IR20ABUT	16IL20ABUT	20	9.525	16	1.0	1.4	
	16IR16ABUT	16IL16ABUT	16	9.525	16	1.3	1.9	
	16IR12ABUT	16IL12ABUT	12	9.525	16	1.4	2.0	
	16IR10ABUT	16IL10ABUT	10	9.525	16	1.5	2.3	
	22IR8ABUT	22IL8ABUT	8	12.7	22	2.0	3.2	
	22IR6ABUT	22IL6ABUT	6	12.7	22	2.2	3.5	

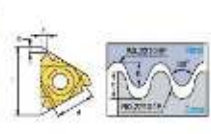
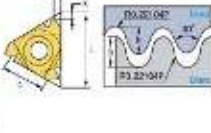
>>> 立装车螺纹刀片 Vertical threading inserts

类型 Type	型号 Designation		螺距 Pitch		尺寸 Size			图片 Picture
	右手 Right	左手 Left	mm	TPI	d	L	x	
60°	16VER A60	16VEL A60	0.5~1.5	48~16	9.525	16	0.9	
	16VER G60	16VEL G60	1.75~3.0	14~8	9.525	16	1.7	
	16VER AG60	16VEL AG60	0.5~3.0	48~8	9.525	16	1.7	
55°	16VER A55	16VEL A55	0.5~1.5	48~16	9.525	16	0.9	
	16VER G55	16VEL G55	1.75~3.0	14~8	9.525	16	1.7	
	16VER AG55	16VEL AG55	0.5~3.0	48~8	9.525	16	1.7	

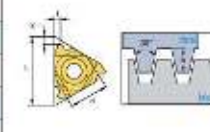
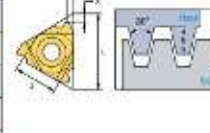
>>> 美制干密封直管螺纹 National Pipe thread-Dryseal:NPTF

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	11ER-27NPTF	11EL-27NPTF	27	6.35	11	0.7	0.8	
	11ER-18NPTF	11EL-18NPTF	18	6.35	11	0.8	1.0	
	11ER-14NPTF	11EL-14NPTF	14	6.35	11	0.8	1.0	
	16ER-27NPTF	16EL-27NPTF	27	9.525	16	0.7	0.8	
	16ER-18NPTF	16EL-18NPTF	18	9.525	16	0.8	1.0	
	16ER-14NPTF	16EL-14NPTF	14	9.525	16	0.9	1.2	
	16ER-11.5NPTF	16EL-11.5NPTF	11.5	9.525	16	1.1	1.5	
	16ER-8NPTF	16EL-8NPTF	8	9.525	16	1.3	1.8	
内螺纹 Internal	11IR-27NPTF	11IL-27NPTF	27	6.35	11	0.7	0.8	
	11IR-18NPTF	11IL-18NPTF	18	6.35	11	0.8	1.0	
	11IR-14NPTF	11IL-14NPTF	14	6.35	11	0.8	1.0	
	16IR-27NPTF	16IL-27NPTF	27	9.525	16	0.7	0.8	
	16IR-18NPTF	16IL-18NPTF	18	9.525	16	0.8	1.0	
	16IR-14NPTF	16IL-14NPTF	14	9.525	16	0.9	1.2	
	16IR-11.5NPTF	16IL-11.5NPTF	11.5	9.525	16	1.1	1.5	
	16IR-8NPTF	16IL-8NPTF	8	9.525	16	1.3	1.8	

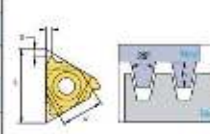
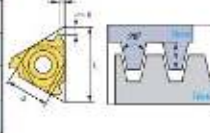
>>> DIN405 圆齿螺纹 Round DIN405

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	16ER-10RD	16EL-10RD	10	9.525	16	1.1	1.2	
	16ER-8RD	16EL-8RD	8	9.525	16	1.4	1.3	
	16ER-6RD	16EL-6RD	6	9.525	16	1.5	1.7	
	22ER-6RD	22EL-6RD	6	12.7	22	1.5	1.7	
	22ER-4RD	22EL-4RD	4	12.7	22	2.2	2.3	
	27ER-4RD	27EL-4RD	4	15.875	27	2.2	2.3	
内螺纹 Internal	16IR-10RD	16IL-10RD	10	9.525	16	1.1	1.2	
	16IR-8RD	16IL-8RD	8	9.525	16	1.4	1.4	
	16IR-6RD	16IL-6RD	6	9.525	16	1.4	1.5	
	22IR-6RD	22IL-6RD	6	12.7	22	1.5	1.7	
	22IR-4RD	22IL-4RD	4	12.7	22	2.2	2.3	
	27IR-4RD	27IL-4RD	4	15.875	27	2.2	2.3	

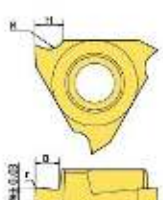
>>> DIN103 梯形螺纹 Trapez DIN103

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	11ER-1.5TR	11EL-1.5TR	1.5	6.35	11	0.8	0.9	
	16ER-1.5TR	16EL-1.5TR	1.5	9.525	16	1.0	1.1	
	16ER-2.0TR	16EL-2.0TR	2.0	9.525	16	1.1	1.3	
	16ER-3.0TR	16EL-3.0TR	3.0	9.525	16	1.3	1.5	
	22ER-4.0TR	22EL-4.0TR	4.0	12.7	22	1.7	1.9	
	22ER-5.0TR	22EL-5.0TR	5.0	12.7	22	2.1	2.5	
	27ER-6.0TR	27EL-6.0TR	6.0	15.875	27	2.3	2.7	
内螺纹 Internal	11IR-1.5TR	11IL-1.5TR	1.5	6.35	11	0.8	0.9	
	16IR-1.5TR	16IL-1.5TR	1.5	9.525	16	1.0	1.1	
	16IR-2.0TR	16IL-2.0TR	2.0	9.525	16	1.1	1.3	
	16IR-2.5TR	16IL-2.5TR	2.5	9.525	16	1.2	1.4	
	16IR-3.0TR	16IL-3.0TR	3.0	9.525	16	1.3	1.5	
	22IR-4.0TR	22IL-4.0TR	4.0	12.7	22	1.7	1.9	
	22IR-5.0TR	22IL-5.0TR	5.0	12.7	22	2.1	2.5	
	27IR-6.0TR	27IL-6.0TR	6.0	15.875	27	2.3	2.7	

>>> 美式梯形螺纹 ACME American ACME

类型 Type	型号 Designation		TPI	尺寸 Size				图片 Picture
	右手 Right	左手 Left		d	L	x	f	
外螺纹 External	11ER-16ACME	11EL-16ACME	16	6.35	11	1.0	1.1	
	16ER-16ACME	16EL-16ACME	16	9.525	16	1.0	1.1	
	16ER-14ACME	16EL-14ACME	14	9.525	16	1.0	1.2	
	16ER-12ACME	16EL-12ACME	12	9.525	16	1.1	1.2	
	16ER-10ACME	16EL-10ACME	10	9.525	16	1.3	1.4	
	16ER-8ACME	16EL-8ACME	8	9.525	16	1.4	1.5	
	16ER-6ACME	16EL-6ACME	6	9.525	16	1.7	1.9	
	22ER-6ACME	22EL-6ACME	6	12.7	22	1.8	2.1	
	22ER-5ACME	22EL-5ACME	5	12.7	22	2.0	2.3	
	27ER-4ACME	27EL-4ACME	4	15.875	27	2.4	2.7	
内螺纹 Internal	11IR-16ACME	11IL-16ACME	16	6.35	11	0.9	0.9	
	16IR-16ACME	16IL-16ACME	16	9.525	16	1.0	1.1	
	16IR-14ACME	16IL-14ACME	14	9.525	16	1.1	1.2	
	16IR-12ACME	16IL-12ACME	12	9.525	16	1.2	1.3	
	16IR-10ACME	16IL-10ACME	10	9.525	16	1.2	1.3	
	16IR-8ACME	16IL-8ACME	8	9.525	16	1.4	1.5	
	16IR-6ACME	16IL-6ACME	6	9.525	16	1.7	1.9	
	22IR-6ACME	22IL-6ACME	6	12.7	22	1.8	2.1	
	22IR-5ACME	22IL-5ACME	5	12.7	22	2.0	2.3	
	27IR-4ACME	27IL-4ACME	4	15.875	27	2.3	2.6	

>>> TGF32槽刀片系列 TGF Grooving insert

图片 Picture	型号 Designation		尺寸 Size					形状 Shape
			W	B	r	R	H	
 (SMX30)	TGF32R050	TGF32L050	0.50	1.2	0.05	1.80	3.20	
	TGF32R055	TGF32L055	0.55	1.2	0.05	1.80	3.20	
	TGF32R060	TGF32L060	0.60	1.2	0.05	1.80	3.20	
	TGF32R065	TGF32L065	0.65	1.2	0.05	1.80	3.20	
	TGF32R070	TGF32L070	0.70	1.2	0.05	1.80	3.20	
	TGF32R075	TGF32L075	0.75	2.2	0.10	1.80	3.20	
	TGF32R080	TGF32L080	0.80	2.2	0.10	1.80	3.20	
	TGF32R085	TGF32L085	0.85	2.2	0.10	1.80	3.20	
	TGF32R090	TGF32L090	0.90	2.2	0.10	1.80	3.20	
	TGF32R095	TGF32L095	0.95	2.2	0.10	1.80	3.20	
 (SMX35)	TGF32R100	TGF32L100	1.00	2.2	0.10	1.80	3.20	
	TGF32R105	TGF32L105	1.05	2.2	0.10	1.80	3.20	
	TGF32R110	TGF32L110	1.10	2.2	0.10	1.80	3.20	
	TGF32R115	TGF32L115	1.15	2.2	0.10	1.80	3.20	
	TGF32R120	TGF32L120	1.20	2.2	0.10	1.80	3.20	
	TGF32R125	TGF32L125	1.25	2.2	0.10	1.80	3.20	
	TGF32R130	TGF32L130	1.30	2.2	0.10	1.80	3.20	
	TGF32R135	TGF32L135	1.35	2.2	0.10	1.80	3.20	
	TGF32R140	TGF32L140	1.40	2.2	0.10	1.80	3.20	
	TGF32R145	TGF32L145	1.45	2.2	0.10	1.80	3.20	
	TGF32R150	TGF32L150	1.50	2.2	0.10	1.80	3.20	
	TGF32R155	TGF32L155	1.55	2.2	0.10	1.80	3.20	
	TGF32R160	TGF32L160	1.60	2.2	0.10	1.80	3.20	
	TGF32R165	TGF32L165	1.65	2.2	0.10	1.80	3.20	
	TGF32R170	TGF32L170	1.70	2.2	0.10	1.80	3.20	
	TGF32R175	TGF32L175	1.75	2.2	0.10	1.80	3.20	
	TGF32R180	TGF32L180	1.80	2.2	0.10	1.80	3.20	
	TGF32R185	TGF32L185	1.85	2.2	0.10	1.80	3.20	
	TGF32R190	TGF32L190	1.90	2.2	0.10	1.80	3.20	
	TGF32R195	TGF32L195	1.95	2.2	0.10	1.80	3.20	
	TGF32R200	TGF32L200	2.00	2.7	0.10	1.80	3.20	
	TGF32R205	TGF32L205	2.05	2.7	0.10	1.80	3.20	
	TGF32R210	TGF32L210	2.10	2.7	0.10	1.80	3.20	
	TGF32R215	TGF32L215	2.15	2.7	0.10	1.80	3.20	
	TGF32R220	TGF32L220	2.20	2.7	0.10	1.80	3.20	
	TGF32R225	TGF32L225	2.25	2.7	0.10	1.80	3.20	
	TGF32R230	TGF32L230	2.30	2.7	0.10	1.80	3.20	
	TGF32R235	TGF32L235	2.35	2.7	0.10	1.80	3.20	
	TGF32R240	TGF32L240	2.40	2.7	0.10	1.80	3.20	
	TGF32R245	TGF32L245	2.45	2.7	0.10	1.80	3.20	
	TGF32R250	TGF32L250	2.50	2.7	0.10	1.80	3.20	
	TGF32R255	TGF32L255	2.55	2.7	0.10	1.80	3.20	
	TGF32R260	TGF32L260	2.60	2.7	0.10	1.80	3.20	
	TGF32R265	TGF32L265	2.65	2.7	0.10	1.80	3.20	
	TGF32R270	TGF32L270	2.70	2.7	0.10	1.80	3.20	
	TGF32R275	TGF32L275	2.75	2.7	0.10	1.80	3.20	
	TGF32R280	TGF32L280	2.80	2.7	0.10	1.80	3.20	
	TGF32R285	TGF32L285	2.85	2.7	0.10	1.80	3.20	
	TGF32R290	TGF32L290	2.90	2.7	0.10	1.80	3.20	
	TGF32R295	TGF32L295	2.95	2.7	0.10	1.80	3.20	
	TGF32R300	TGF32L300	3.00	2.7	0.10	1.80	3.20	

>>> 平装槽刀片 Circlip Grooving insert

图片 Picture	型号 Designation		尺寸 Size					形状 Shape
			W	B	r	R	H	
	16FR1.00-D471-1.30		1.00	1.30	0.1	4.00	3.65	
	16FR1.10-D471-1.30		1.10	1.30	0.1	4.00	3.65	
	16ER1.20-D471-1.30		1.20	1.30	0.1	4.00	3.65	
	16ER1.30-D471-1.60		1.30	1.60	0.1	4.00	3.65	
	16FR1.40-D471-1.60		1.40	1.60	0.1	4.00	3.65	
	16FR1.50-D471-1.60		1.50	1.60	0.1	4.00	3.65	
	16ER1.60-D471-1.85		1.60	1.85	0.1	4.00	3.65	
	16ER1.80-D471-1.85		1.80	1.85	0.1	4.00	3.65	
	16FR1.85-D471-2.00		1.85	2.00	0.1	4.00	3.65	
	16ER2.00-D471-2.00		2.00	2.00	0.1	4.00	3.65	
	16IR1.00-D471-1.30		1.00	1.30	0.1	4.00	3.65	
	16IR1.10-D471-1.30		1.10	1.30	0.1	4.00	3.65	
	16IR1.20-D471-1.30		1.20	1.30	0.1	4.00	3.65	
	16IR1.30-D471-1.60		1.30	1.60	0.1	4.00	3.65	
	16IR1.40-D471-1.60		1.40	1.60	0.1	4.00	3.65	
	16IR1.50-D471-1.60		1.50	1.60	0.1	4.00	3.65	
	16IR1.60-D471-1.85		1.60	1.85	0.1	4.00	3.65	
	16IR1.80-D471-1.85		1.80	1.85	0.1	4.00	3.65	
	16IR1.85-D471-2.00		1.85	2.00	0.1	4.00	3.65	
	16IR2.00-D471-2.00		2.00	2.00	0.1	4.00	3.65	
	16IR2.15-D471-2.15		2.15	2.15	0.1	4.00	3.65	

A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻削刀具
Drill tool holder

E
硬质合金刀具
Carbide tools

A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻削刀具
Drill tool holder

E
硬质合金刀具
Carbide tools

>>> 切断切槽刀片槽型特点 Grooving insert chip breaker features

图片 Picture	应用推荐 Application recommendation
 MGGN**JM	研磨断屑槽，刃口锋利，切屑流畅，加工阻力低，不易产生积屑瘤。高精度级，可获得较高的槽底光洁度，适用于钢件、不锈钢和有色金属。 Grind the chip breaking groove, with sharp cutting edge, smooth chip cutting, low processing resistance, and less likely to produce chip lumps. High precision grade, can achieve high groove bottom smoothness, suitable for steel parts, stainless steel, and non-ferrous metals.
 MGMN**T	锋利的刃口设计，适用于不锈钢、难加工材料切槽、车削加工，多级三维断屑槽设计，具有良好的卷屑、断屑能力。 The sharp cutting edge design is suitable for grooving and turning of stainless steel and difficult-to-machine materials. The multi-level three-dimensional chip breaker design has good chip curling and chip breaking capabilities.
 MGMN**M	正前角的刃口结构可减小切削力，切削过程轻快、流畅，特别设计的槽型结构在车削加工过程中具有更好的切屑控制性能。可实现切断、切槽和车削等各种加工。 The positive rake angle cutting edge structure can reduce cutting force, making the cutting process light and smooth. The specially designed groove structure has better chip control performance during turning. It can realize various processing such as cutting, grooving and turning.
 MRMN**M	优化的刃口结构及断屑槽结构，使得刀片兼具低切削阻力及良好的刀尖强度，同时刀片切削处理性能更优异，适用于轴类零件仿形加工及越程槽的加工。 The optimized cutting edge structure and chip breaker structure make the insert have both low cutting resistance and good cutting edge strength. At the same time, the insert has better cutting performance and is suitable for profiling of shaft parts and processing of overrun grooves.

>>> 切断切槽刀片槽型特点 Grooving insert chip breaker features

图片 Picture	应用推荐 Application recommendation
 MGMN**G	通用型槽型，刀片强度高，适用于广泛的加工材料和加工工况，成V字形内凹槽设计，切槽专用断屑槽，可以提高切屑控制，具备良好的断屑功能。 Universal groove type, high blade strength, suitable for a wide range of processing materials and processing conditions, V-shaped inner groove design, special chip breaker groove for grooving, can improve chip control, with good chip breaking function.
 MGMN**DR	欧美槽型设计，可以横向切削，切削阻力小，排屑快，具备良好的断屑功能，不容易产生积屑瘤，高效加工，有助于提升工件表面光洁度。 The European and American groove design allows for lateral cutting, has low cutting resistance, fast chip removal, good chip breaking function, is not prone to built-up edge, and enables efficient processing, which helps to improve the surface finish of the workpiece.
 TDC**	正前角刀片设计，前刀面的圆弧形断屑槽，切削刃负倒棱和其两侧加强筋的设计，保证了刀片具有足够的切削刃强度，优先用于切断棒料、硬材料和坚韧材料的中、高速进给加工，适用于恶劣的加工条件或断续切削。 Positive rake angle insert with arc geometry, negative chamfering of cutting edge and reinforcing bars on both sides design insure sufficient cutting edge strength on insert. Priority for bar parting, hard and tough material processing for medium and high speed feed processing. Suitable for harsh working conditions or intermittent cutting.
 TDJ**	正前角刀片设计，具有锋利切削刃，低切削阻力，优先用于管材切断、软金属材料的低、中速进给加工。 Positive rake angle with sharp cutting edge make low cutting resistance, Preferred for pipe and soft metal materials for low and medium speed feed processing.

切槽刀片系列 Grooving insert

>>> 切断切槽刀片槽型特点 Grooving insert chip breaker features

图片 Picture	应用推荐 Application recommendation
 TDXU**	通用型车削和切槽加工，独特断屑槽设计，降低切削阻力，切屑控制良好，用于外圆、内孔及端面加工，适用于钢件和不锈钢等加工。 Preferred for general turning and grooving. Special geometry design to reduce cutting force and good chip control. For external, internal and end face processing. Suitable for steel and stainless steel processing.
 TDT**	车削加工首选，应用于外圆、内孔切槽和车削加工，独特槽型设计，实现低切削阻力和卓越的切屑控制，高进给率，适用于钢件、不锈钢和铸铁加工。 Preferred for turning processing. Applied to external, internal grooving and turning processing. Special geometry design to achieve low cutting resistance and excellent chip control. High feed rate, Suitable for steel, stainless steel and cast iron processing.
 TDT**RU	全半径型刀片，适用于钢件、铸铁的仿形加工，高进给率和小切深，独特的槽型设计，可以提高切屑控制，具备良好的断屑功能。 Full radius inserts are suitable for profiling of steel and cast iron, with high feed rates and small cutting depths. The unique groove design can improve chip control and has good chip breaking function.
 SP**	低切削力前角设计，延长刀具使用寿命，特殊的断屑点，切屑排出性能良好，用于切槽和切断，适用于钢、不锈钢和铸铁等加工。 Low cutting force rake angle design, extended tool life, special chip breaking point, good chip discharge performance, used for grooving and parting, suitable for steel, stainless steel and cast iron processing.

>>> MGGN切槽刀片 Grooving insert

图片 Picture	型号 Designation	尺寸 Size				涂层 Coating		形状 Shape
		b	r	r	l	DP9030	DM9035	
	MGGN150-JM	1.5	3.5	0.15	15.9	●	●	
	MGGN200-JM	2.0	3.5	0.20	15.9	●	●	
	MGGN250-JM	2.5	3.8	0.20	18.3	●	●	
	MGGN300-JM	3.0	3.8	0.40	20.9	●	●	
	MGGN400-JM	4.0	4.8	0.40	20.9	●	●	
	MGGN500-JM	5.0	5.8	0.80	25.8	●	●	
	MGGN600-JM	6.0	5.8	0.80	26.0	●	●	
	MGGN1802-JM	1.8	3.5	0.20	15.9	●	●	
	MGGN1902-JM	1.9	3.5	0.20	15.9	●	●	
	MGGN2002-JM	2.0	3.5	0.20	15.9	●	●	
	MGGN2102-JM	2.1	3.5	0.20	15.9	●	●	
	MGGN2202-JM	2.2	3.5	0.20	15.9	●	●	
	MGGN2302-JM	2.3	3.5	0.20	15.9	●	●	
	MGGN2402-JM	2.4	3.5	0.20	15.9	●	●	
	MGGN2502-JM	2.5	3.5	0.20	15.9	●	●	
	MGGN2602-JM	2.6	3.5	0.20	15.9	●	●	
	MGGN2702-JM	2.7	4.8	0.20	15.9	●	●	
	MGGN2802-JM	2.8	4.8	0.20	15.9	●	●	
	MGGN2902-JM	2.8	4.8	0.20	15.9	●	●	
	MGGN3002-JM	3.0	4.8	0.20	15.9	●	●	
	MGGN3102-JM	3.1	4.8	0.20	15.9	●	●	
	MGGN3202-JM	3.2	4.8	0.20	15.9	●	●	
	MGGN3302-JM	3.3	4.8	0.20	15.9	●	●	
	MGGN3402-JM	3.4	4.8	0.20	15.9	●	●	
	MGGN3502-JM	3.5	4.8	0.20	15.9	●	●	
	MGGN3602-JM	3.6	4.8	0.20	15.9	●	●	
	MGGN3702-JM	3.7	4.8	0.20	15.9	●	●	
	MGGN3802-JM	3.8	4.8	0.20	15.9	●	●	
	MGGN3902-JM	3.9	4.8	0.20	15.9	●	●	
	MGGN4002-JM	4.0	4.8	0.20	15.9	●	●	
	MGGN4102-JM	4.1	4.8	0.20	15.9	●	●	
	MGGN4202-JM	4.2	4.8	0.20	15.9	●	●	
	MGGN4302-JM	4.3	4.8	0.20	15.9	●	●	
	MGGN4402-JM	4.4	4.8	0.20	15.9	●	●	
	MGGN4502-JM	4.5	4.8	0.20	15.9	●	●	
	MGGN4602-JM	4.6	4.8	0.20	15.9	●	●	

>>> MGGN切槽刀片 Grooving insert

图片 Picture	型号 Designation	尺寸 Size					涂层 Coating		形状 Shape
		W	h	r	L	θ	DP9030	DM9035	
	MGGN2002-15R-JM	2.0	3.5	0.2	15.9	15	●	●	
	MGGN2002-5R-JM	2.0	3.5	0.2	15.9	5	●	●	
	MGGN2002-8R-JM	2.0	3.5	0.2	15.9	8	●	●	
	MGGN3002-15R-JM	3.0	4.8	0.2	20.9	15	●	●	
	MGGN3002-5R-JM	3.0	4.8	0.2	20.9	5	●	●	
	MGGN3002-8R-JM	3.0	4.8	0.2	20.9	8	●	●	
	MGGN4002-15R-JM	4.0	4.8	0.2	20.9	15	●	●	
	MGGN4002-5R-JM	4.0	4.8	0.2	20.9	5	●	●	
	MGGN4002-8R-JM	4.0	4.8	0.2	20.9	8	●	●	

>>> 切槽刀片 Grooving insert

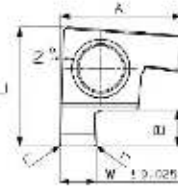
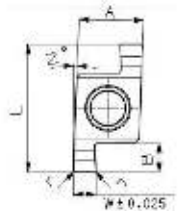
图片 Picture	型号 Designation	尺寸 Size				涂层 Coating			形状 Shape
		b	t	r	L	DP9030	DM9035	SH945	
	MGMN150-T	1.5	3.5	0.15	16.0	●	●	●	
	MGMN200-T	2.0	3.5	0.20	16.0	●	●	●	
	MGMN250-T	2.5	3.85	0.20	18.5	●	●	●	
	MGMN300-T	3.0	4.83	0.40	21.0	●	●	●	
	MGMN400-T	4.0	4.83	0.40	21.0	●	●	●	
	MGMN500-T	5.0	5.82	0.80	26.0	●	●	●	
	MGMN600-T	6.0	5.82	0.80	26.0	●	●	●	
	MGMN150-M	1.5	3.5	0.15	16.0	●	●	●	
	MGMN200-M	2.0	3.5	0.20	16.0	●	●	●	
	MGMN250-M	2.5	3.85	0.20	18.5	●	●	●	
	MGMN300-M	3.0	4.83	0.40	21.0	●	●	●	
	MGMN400-M	4.0	4.83	0.40	21.0	●	●	●	
	MGMN500-M	5.0	5.82	0.80	26.0	●	●	●	
	MGMN600-M	6.0	5.82	0.80	26.0	●	●	●	
	MGMN150-G	1.5	3.5	0.15	16.0	●	●	●	
	MGMN200-G	2.0	3.5	0.20	16.0	●	●	●	
	MGMN250-G	2.5	3.85	0.20	18.5	●	●	●	
	MGMN300-G	3.0	4.83	0.30	21.0	●	●	●	
	MGMN400-G	4.0	4.83	0.30	21.0	●	●	●	
	MGMN500-G	5.0	5.82	0.50	26.0	●	●	●	
	MGMN600-G	6.0	5.82	0.80	26.0	●	●	●	
	MRMN200-M	2.0	3.5	1.00	16.0	●	●	●	
	MRMN300-M	3.0	4.83	1.50	21.0	●	●	●	
	MRMN400-M	4.0	4.83	2.00	21.0	●	●	●	
	MRMN500-M	5.0	5.82	2.50	26.0	●	●	●	
	MRMN600-M	6.0	5.82	3.00	26.0	●	●	●	
	MGMN150-DR	1.5	3.5	0.15	16.0	●	●	●	
	MGMN200-DR	2.0	3.5	0.20	16.0	●	●	●	
	MGMN250-DR	2.5	3.85	0.20	18.5	●	●	●	
	MGMN300-DR	3.0	4.83	0.30	21.0	●	●	●	
	MGMN400-DR	4.0	4.83	0.30	21.0	●	●	●	
	MGMN500-DR	5.0	5.82	0.50	26.0	●	●	●	
	MGMN600-DR	6.0	5.82	0.80	26.0	●	●	●	

切槽刀片系列 Grooving insert

>>> 切槽刀片 Gooving insert

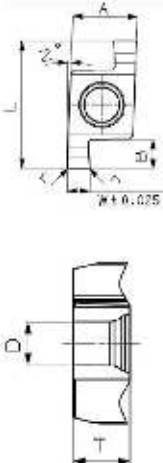
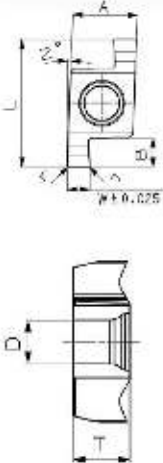
图片 Picture	型号 Designation	尺寸 Size				涂层 Coating			形状 Shape
		W	L	r	S	DM9030	DM9035	SH945	
	TDC200	2.0	20	0.2	4.00	●	●	●	
	TDC300	3.0	20	0.2	4.10	●	●	●	
	TDC400	4.0	20	0.3	4.15	●	●	●	
	TDC500	5.0	25	0.3	5.05	●	●	●	
	TDJ200	2.0	20	0.2	3.90	●	●	●	
	TDJ300	3.0	20	0.2	4.00	●	●	●	
	TDJ400	4.0	20	0.3	4.05	●	●	●	
	TDJ500	5.0	20	0.3	4.95	●	●	●	
	TDT3E-0.4	3.0	20	0.4	4.00	●	●	●	
	TD14E-0.4	4.0	20	0.4	4.05	●	●	●	
	TDXU2F-0.3	2.0	20	0.3	3.90	●	●	●	
	TDXU3E-0.3	3.0	20	0.3	4.00	●	●	●	
	TDXU4F-0.4	4.0	20	0.4	4.05	●	●	●	
	TDXU5F-0.4	5.0	25	0.4	4.95	●	●	●	
	TDXU5E-0.8	5.0	25	0.8	4.95	●	●	●	
	TDXU6E-0.4	6.0	25	0.4	4.95	●	●	●	
	TDXU6E-0.8	6.0	25	0.8	4.95	●	●	●	
	TD12E-1.0-RU	2.0	20	1.0	4.00	●	●	●	
	TDT3E-1.5-RU	3.0	20	1.5	4.10	●	●	●	
	TD14E-2.0-RU	4.0	20	2.0	4.15	●	●	●	
	SP200	2.18	8.90	0.20	X	●	●	●	
	SP300	3.14	11.00	0.20	X	●	●	●	
	SP400	4.14	11.00	0.25	X	●	●	●	
	SP500	5.12	11.04	0.30	X	●	●	●	
	SP600	6.34	11.05	0.40	X	●	●	●	

>>> GER切槽刀片 Gooving insert

图片 Picture	型号 Designation	尺寸 Size							Grade	形状 Shape
		A	L	I	D	W	B	r	SH945	
	GER/L050-005A	6.69	6.5	2.58	2.5	0.5	1.2	0.05	●	
	GER/L060-005A	6.69	6.5	2.58	2.5	0.6	1.2	0.05	●	
	GER/L070-005A	6.69	6.5	2.58	2.5	0.7	1.2	0.05	●	
	GER/L080-005A	6.69	6.5	2.58	2.5	0.8	1.2	0.05	●	
	GER/L100-005A	6.69	6.5	2.58	2.5	1.0	1.2	0.05	●	
	GER/L120-005A	6.69	6.5	2.58	2.5	1.2	1.2	0.05	●	
	GER/L125-005A	6.69	6.5	2.58	2.5	1.25	1.2	0.05	●	
	GER/L140-010A	6.69	6.5	2.58	2.5	1.4	1.5	0.1	●	
	GER/L150-010A	6.69	6.5	2.58	2.5	1.5	1.5	0.1	●	
	GER/L180-010A	6.69	6.5	2.58	2.5	1.8	1.5	0.1	●	
	GER/L200-010A	6.69	6.5	2.58	2.5	2.0	1.5	0.1	●	
	GER/L080-005B	8.46	8.2	3.18	2.7	0.8	1.8	0.05	●	
	GER/L100-005B	8.46	8.2	3.18	2.7	1.0	2.2	0.05	●	
	GER/L120-005B	8.46	8.2	3.18	2.7	1.2	2.2	0.05	●	
	GER/L125-005B	8.46	8.2	3.18	2.7	1.25	2.2	0.05	●	
	GER/L130-010B	8.46	8.2	3.18	2.7	1.3	2.2	0.1	●	
	GER/L145-010B	8.46	8.2	3.18	2.7	1.45	2.2	0.1	●	
	GER/L150-010B	8.46	8.2	3.18	2.7	1.5	2.2	0.1	●	
	GER/L180-010B	8.46	8.2	3.18	2.7	1.8	2.2	0.1	●	
	GER/L200-010B	8.46	8.2	3.18	2.7	2.0	2.2	0.1	●	
	GER/L225-010B	8.46	8.2	3.18	2.7	2.25	2.2	0.1	●	
	GER/L250-010B	8.46	8.2	3.18	2.7	2.5	2.2	0.1	●	
	GER/L280-020B	8.46	8.2	3.18	2.7	2.8	2.2	0.2	●	
	GER/L300-020B	8.46	8.2	3.18	2.7	3.0	2.2	0.2	●	
	GER/L100-005C	5.8	11.48	4.05	2.8	1.0	2.5	0.05	●	
	GER/L120-005C	5.8	11.48	4.05	2.8	1.2	2.5	0.05	●	
	GER/L125-005C	5.8	11.48	4.05	2.8	1.25	2.5	0.05	●	
	GER/L140-010C	5.8	11.48	4.05	2.8	1.4	2.5	0.1	●	
	GER/L150-010C	5.8	11.48	4.05	2.8	1.5	2.5	0.1	●	
	GER/L160-010C	5.8	11.48	4.05	2.8	1.6	2.5	0.1	●	
	GER/L170-010C	5.8	11.48	4.05	2.8	1.7	2.5	0.1	●	
	GER/L185-010C	5.8	11.48	4.05	2.8	1.85	2.5	0.1	●	
	GER/L195-010C	5.8	11.48	4.05	2.8	1.95	2.5	0.1	●	
	GER/L200-010C	5.8	11.48	4.05	2.8	2.0	2.5	0.1	●	
	GER/L225-010C	5.8	11.48	4.05	2.8	2.25	2.5	0.1	●	
	GER/L250-010C	5.8	11.48	4.05	2.8	2.5	2.5	0.1	●	
	GER/L280-020C	5.8	11.48	4.05	2.8	2.8	2.5	0.2	●	
	GER/L300-020C	5.8	11.48	4.05	2.8	3.0	2.5	0.2	●	

切槽刀片系列 Grooving insert

>>> GER切槽刀片 Gooving insert

图片 Picture	型号 Designation	尺寸 Size							Grade	形状 Shape
		A	L	T	D	W	B	r		
A 车削刀具 Carbide insert 硬质合金刀片	GER/L100-005D	6.8	16.44	5.05	3.4	1.0	2.5	0.05	●	
	GER/L120-005D	6.8	16.44	5.05	3.4	1.2	2.5	0.05	●	
	GER/L125-005D	6.8	16.44	5.05	3.4	1.25	2.5	0.05	●	
	GER/L140-010D	6.8	16.44	5.05	3.4	1.4	2.5	0.05	●	
	GER/L145-010D	6.8	16.44	5.05	3.4	1.45	2.5	0.1	●	
	GER/L150-010D	6.8	16.44	5.05	3.4	1.5	3.0	0.1	●	
	GER/L170-010D	6.8	16.44	5.05	3.4	1.7	3.0	0.1	●	
	GER/L185-010D	6.8	16.44	5.05	3.4	1.45	3.0	0.1	●	
	GER/L195-010D	6.8	16.44	5.05	3.4	1.95	3.0	0.1	●	
	GER/L200-010D	6.8	16.44	5.05	3.4	2.0	3.6	0.1	●	
	GER/L225-010D	6.8	16.44	5.05	3.4	2.25	3.6	0.1	●	
	GER/L230-020D	6.8	16.44	5.05	3.4	2.3	3.6	0.2	●	
	GER/L250-020D	6.8	16.44	5.05	3.4	2.5	3.6	0.2	●	
	GER/L280-020D	6.8	16.44	5.05	3.4	2.8	4.5	0.2	●	
	GER/L300-020D	6.8	16.44	5.05	3.4	3.0	4.5	0.2	●	
B 车削刀具 Carbide insert 硬质合金刀片	GER/L320-020D	6.8	16.44	5.05	3.4	3.2	4.5	0.2	●	
	GER/L350-020D	6.8	16.44	5.05	3.4	3.5	4.5	0.2	●	
	GER/L400-020D	6.8	16.44	5.05	3.4	4.0	4.5	0.2	●	
	GER/L100-005E	9.54	21.6	5.55	4.4	1.0	3.0	0.05	●	
	GER/L150-010E	9.54	21.6	5.55	4.4	1.5	3.5	0.1	●	
	GER/L170-010E	9.54	21.6	5.55	4.4	1.7	3.5	0.1	●	
	GER/L185-010E	9.54	21.6	5.55	4.4	1.85	3.5	0.1	●	
	GER/L195-010E	9.54	21.6	5.55	4.4	1.95	3.5	0.1	●	
	GER/L200-010E	9.54	21.6	5.55	4.4	2.0	3.8	0.1	●	
	GER/L225-010E	9.54	21.6	5.55	4.4	2.25	3.8	0.1	●	
	GER/L230-020E	9.54	21.6	5.55	4.4	2.3	3.8	0.2	●	
	GER/L250-020E	9.54	21.6	5.55	4.4	2.5	4.5	0.2	●	
	GER/L275-010E	9.54	21.6	5.55	4.4	2.75	4.5	0.2	●	
	GER/L280-020E	9.54	21.6	5.55	4.4	2.8	4.5	0.2	●	
	GER/L300-020E	9.54	21.6	5.55	4.4	3.0	4.5	0.2	●	
	GER/L330-020E	9.54	21.6	5.55	4.4	3.3	4.5	0.2	●	
	GER/L350-020E	9.54	21.6	5.55	4.4	3.5	5.5	0.2	●	
	GER/L400-020E	9.54	21.6	5.55	4.4	4.0	5.5	0.2	●	
	GER/L430-020E	9.54	21.6	5.55	4.4	4.3	5.5	0.2	●	
C 铣削刀具 Milling tool holder 铣削刀具	GER/L450-020E	9.54	21.6	5.55	4.4	4.5	6.5	0.2	●	
	GER/L460-020E	9.54	21.6	5.55	4.4	4.6	6.5	0.2	●	
	GER/L500-020E	9.54	21.6	5.55	4.4	5.0	6.5	0.2	●	
D 钻削刀具 Drill tool holder 钻削刀具										
E 硬质合金刀具 Carbide tools 硬质合金刀具										



C

1

刀片形状
Insert Shape

N

2

后角
Relief Angle

M

3

公差
Tolerance

G

4

断面形状
Cross section type

刀片形状 Insert Shape

1 C N M G 12 04 08 - GM

C D E K L R S T V W

后角 Relief Angle

2 C N M G 12 04 08 - GM

B C D E F N P O

公差 Tolerance

3 C N M G 12 04 08 - GM

d: 内切圆
Inscribed
t: 厚度
Thickness
m: 参考尺寸
Refer to figure

公差 Class	d	m	t
A	±0.025	±0.005	±0.025
C	±0.025	±0.013	±0.025
H	±0.013	±0.013	±0.025
E	±0.025	±0.025	±0.025
G	±0.025	±0.025	±0.13
J*	+0.05 +0.15	+0.005	+0.025
K*	±0.05 ±0.15	±0.013	±0.025
L*	±0.05 ±0.15	±0.025	±0.025
M*	±0.05 ±0.15	±0.08 ±0.20	±0.13
N*	+0.05 +0.15	±0.08 ±0.18	±0.025
U*	±0.08 ±0.25	±0.13 ±0.38	±0.13

断面形状 Cross section type

4 C N M G 12 04 08 - GM

A B C F G H J M N Q R T U W X

内切圆C,F,H,M,Q,R,S,T,W型公差定义 (特殊型号除外)
Tolerance on C, F, H, M, Q, R, S, T, W Insert Shape (Exceptional case)

d	内切圆D公差 Tolerance on D	内切圆M公差 Tolerance on M
6.35	±0.05	±0.08
9.525	±0.05	±0.08
12.7	±0.08	±0.13
15.875	±0.10	±0.15
19.05	±0.10	±0.15
25.4	±0.13	±0.18

内切圆D型公差定义 (特殊型号除外)
Tolerance on D Insert Shape (Exceptional case)

d	内切圆D公差 Tolerance on D	内切圆M公差 Tolerance on M
6.35	±0.05	±0.11
9.525	±0.05	±0.11
12.7	±0.08	±0.15
15.875	±0.10	±0.18
19.05	±0.10	±0.18

12

5

切削刃长度
Cross section type

04

6

切削刃高度
Height of cutting edge

08

7

刀尖半径
Nose radius(Nose R)

TF

8

车削断屑槽
Chip breaker for turning

切削刃长度 Cross section type

5 C N M G 12 04 08 - GM

符号 Symbol	公制 Metric	英制 Inch	IC	
C	03	04	03	1.2(5)
D	04	05	04	1.5(6)
E	05	06	05	1.8(7)
K	06	07	06	2
L	08	09	08	2.5
R	09	11	09	3
S	11	13	11	3.5
T	12	15	12	4
V	14	17	14	4.5
W	16	19	16	5
	17	21	17	5.5
	19	23	19	6
	22	27	22	7
	25	31	25	8
	32	38	32	10

() 刀片最小尺寸符号

切削刃高度 Height of cutting edge

6 C N M G 12 04 08 - GM

符号 Symbol	公制 Metric	英制 Inch	切削刃高度 High of Cutting Edge
01	1.2	1/16	1.59
T1	1.2	1/16	1.98
02	1.5(3)	3/32	2.38
T2	1.75	7/64	2.78
03	2	1/8	3.18
T3	2.5	5/32	3.97
04	3	3/16	4.76
05	3.5	7/32	5.56
06	4	1/4	6.35
07	5	5/16	7.94
09	6	3/8	9.52
11	7	7/16	11.11
12	8	1/2	12.7

() 刀片最小尺寸符号
() Symbol for small size insert

刀尖半径 Nose radius(Nose R)

7 C N M G 12 04 08 - GM

符号 Symbol	公制 Metric	英制 Inch	刀尖半径 Nose radius(Nose R)
01	0	0.004	0.1
02	0.5	0.008	0.2
04	1	1/64	0.4
08	2	1/32	0.8
12	3	3/64	1.2
16	4	1/16	1.6
20	5	5/64	2.0
24	6	3/32	2.4
28	7	7/64	2.8
32	8	1/8	3.2
00	-	-	圆形刀片 (英制) Round insert (Inch)
M0	-	-	圆形刀片 (公制) Round insert (Metric)

车削断屑槽 Chip breaker for turning

8 C N M G 12 04 08 - GM

TF QQ FM HJ MD MA FS RA MH MP MS ALU ALN TS MQ MG

车削刀片材质推荐一览表
List of grades recommendations for turning insert

ISO使用 ISO Application	车削 Turning			切槽切分 Grooving & Parting	
	硬质合金 Carbide alloy		金属陶瓷 Cermet	硬质合金 Carbide alloy	
	CVD	PVD		CVD	PVD
P 钢 Steel	WS2010	WS6080	WS7020		DP9030
	WS2020				
M 不锈钢 Stainless Steel		WS9010			DM9035
		WS9020			
		WS9050			DM9045
		WS9080			
K 铸铁 Cast Iron	WS3010				
S 耐热合金 Heat-resistant alloy		WS4010			
		WS4020			
N 有色金属 Non-ferrous metal		SMU10			SMU10

材质说明
Grades description

P类钢件材质说明 P-Steel material description

类别 Category	牌号 Grade	应用推荐 Application recommendation
P 钢 Steel	WS2010	精加工专用材质; 出色抗热裂纹、抗塑性能力、抗崩刃性; 新型涂层技术, 能够承受高温, 延长刀具使用寿命, 干、湿切削均可以。 Grade for finish turning; Substrate having excellent resistance to thermal crack and plastic deformation, strong resistance to chipping. New coating technology, Can withstand high temperature when machining with or without coolant, long tool life.
	WS2020	半精加工专用材质; 超强的耐韧性基体和耐热的MTD涂层相结合, 提高耐磨性和稳定性; 新型涂层技术, 能够承受高温, 延长刀具使用寿命, 干、湿切削均可以。 Grade for semi-finishing machining; Substrate having high resistance combined with heat resistance MTD coating, improves stability and wear resistance. New coating technology, can withstand high temperature when machining with or without coolant, long tool life.
	WS6080	中Co高立方相含量硬质合金基体搭配强组织结构的TiCN和Al₂O₃涂层, 经特殊后处理工艺, 具有突出的耐磨性能。钢件材料连续车削加工。 Medium cobalt content, and high cubic content carbide substrate combine with strong texture TiCN and Al₂O₃ coating. After special treatment, it has wonderful abrasion resistance. Suitable for general steel turning.

材质说明

Grades description

M类不锈钢件材质说明 M-Stainless steel material description

类别 Category	牌号 Grade	应用推荐 Application recommendation
M 不锈钢 Stainless Steel	WS9050	精加工专用材质，一种AlTiSi基纳米复合涂层，硬度高，抗高温氧化性强，亚微细晶粒材质确保刀片耐磨性，适用于不锈钢、耐热钢的连续精加工。 Grade for finish machining. AlTiSi based nanocomposite coating with high hardness and strong resistance to oxidation at high temperature. Subgrain substrate makes sure the wear resistance of the insert. Suitable for continuous finish machining of stainless steel, heat-resistant steel.
	WS9010	精-半精加工材质，新型PSiX基纳米涂层，硬度高，抗高温氧化性强，摩擦系数小，减小工件与切削刃的黏连，适用于不锈钢连续或轻微断续的精-半精加工。 Grade for finish-semi-finish machining. Newly developed PSiX based nanocomposite coating with high hardness and strong resistance to oxidation at high temperature. Small friction coefficient which reduces the adhesion between the workpiece and the cutting edge. Suitable for continuous cutting or slightly interrupted cutting of stainless steel finish to semi-finish process.
	WS9020	半精-粗加工专用材质；采用AlTiSi基纳米复合涂层，硬度高，抗高温氧化性强；摩擦系数小，减小工件与切削刃的黏连；适用于不锈钢一般加工-断续加工。 Grade for semi-finish to rough machining; AlTiSi based nanocomposite coating with high hardness and strong resistance to oxidation at high temperature. Small friction coefficient which reduces the adhesion between the workpiece and the cutting edge. Suitable for general machining to continuous machining of stainless steel.
	WS9080	全新的硬质合金基体，具有优异的耐磨性以及抗冲击性能，搭配全新的PVD涂层，具体摩擦系数小，抗氧化温度高，突出的耐磨和通用性等优点。 New material substrate has good anti wear resistance and anti impact resistance. Combines with new PVD coating, It has very small coefficient of friction, high antioxidant temperature. Preferred grade for stainless steel.

材质说明

Grades description

K类铸铁材质说明 K-Cast Iron material description

类别 Category	牌号 Grade	应用推荐 Application recommendation
K 铸铁 Cast Iron	WS3010	铸铁加工通用材质，新型涂层技术，能够承受高温，干湿切削加工，延长刀具使用寿命，亚微细晶粒材质确保刀片耐磨性。 Grade for general machining of cast iron. Newly developed coating technology which can withstand high temperature and be machined with or without cooling liquid, thus improving tool life of the insert. Subgrain substrate makes sure the wear resistance of the insert.

S类耐热合金材质说明 S-Heat resistant alloy material description

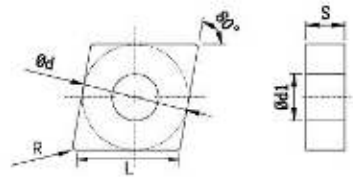
类别 Category	牌号 Grade	应用推荐 Application recommendation
S 耐热合金 Heat-resistant alloy	WS4010	半精-粗加工专用材质，新型PSiX基纳米涂层，硬度高，抗高温氧化性强，摩擦系数小，减少工件与切削刃的黏连，适用于钛合金、高温合金、镍基合金等加工材料半精到粗加工。 Material for finish to semi-finish machining, Newly developed PSiX based nanocomposite coating with high hardness and strong resistance to oxidation at high temperature. Small friction coefficient which reduces the adhesion between the workpiece and the cutting edge. Suitable for semi-finish to rough machining of titanium alloy, high temperature alloy and nickel based alloy.

N类有色金属材质说明 N-Non-ferrous metal material description

类别 Category	牌号 Grade	应用推荐 Application recommendation
N 有色金属 Non-ferrous metal	SMU10	有色金属车削专用材质，亚微细晶粒材质确保刀片耐磨性，特殊槽型设计，降低积屑瘤产品和抗崩刃性适用于有色金属(铝、铜等)连续和间断加工。 Material for non-ferrous metal. Subgrain material makes sure the wear resistance of the insert. Special geometry design reduces built up edge and improves resistance to chipping breakage. Suitable for non-ferrous metal (aluminum, copper and so on).

车削刀片系列 Turning insert

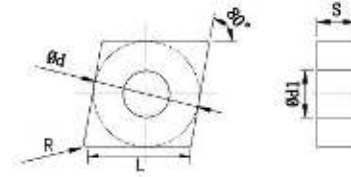
>>> 80° Turning insert (Negative) CN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φdL	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS6010	WS6010
A 车削刀片 Turning tool holder	CNMG120404-HM	12.9	12.7	4.76	5.16	0.4						▲					
	CNMG120408-HM	12.9	12.7	4.76	5.16	0.8						▲					
B 硬质合金刀片 Cermet insert																	
	CNMG120404-QQ	12.9	12.7	4.76	5.16	0.4		●					▲				
C 铣削刀片 Milling tool holder	CNMG120408-QQ	12.9	12.7	4.76	5.16	0.8		●					▲				
D 钻削刀片 Drill tool holder	CNMG090304-FM	9.7	9.525	3.81	3.81	0.4	▲	●									
	CNMG090308-FM	9.7	9.525	3.81	3.81	0.8	▲	●									
E 硬质合金刀片 Cermet tools	CNMG120404-FM	12.9	12.7	4.76	5.16	0.4	▲	●									
	CNMG120408-FM	12.9	12.7	4.76	5.16	0.8	▲	●									
加工 Finishing	CNMG120412-FM	12.9	12.7	4.76	5.16	1.2	▲	●									
	CNMG120404-MF	12.9	12.7	4.76	5.16	0.4								▲			
	CNMG120408-MF	12.9	12.7	4.76	5.16	0.8								▲			
	CNMG120404-SF	12.9	12.7	4.76	5.16	0.4								▲			
	CNMG120408-SF	12.9	12.7	4.76	5.16	0.8								▲			
	CNMG120404-MG	12.9	12.7	4.76	5.16	0.4		●									
	CNMG120408-MG	12.9	12.7	4.76	5.16	0.8		●									
	CNMG120404-MQ	12.9	12.7	4.76	5.16	0.4		●	▲								
	CNMG120408-MQ	12.9	12.7	4.76	5.16	0.8		●	▲								
	CNMG120402-ALN	12.9	12.7	4.76	5.16	0.2											▲
	CNMG120404-ALN	12.9	12.7	4.76	5.16	0.4											▲
	CNMG120408-ALN	12.9	12.7	4.76	5.16	0.8											▲
	CNMG120412-ALN	12.9	12.7	4.76	5.16	1.2											▲
	CNMG120404-ALM	12.9	12.7	4.76	5.16	0.4											▲
	CNMG120408-ALM	12.9	12.7	4.76	5.16	0.8											▲

>>> 80° Turning insert (Negative) CN□□

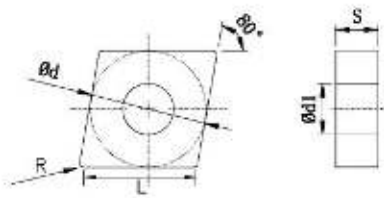


▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φdL	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS6010	WS6010
A 车削刀片 Turning tool holder	CNMG090304-MD	9.7	9.525	3.81	3.81	0.4	●	▲									
	CNMG090308-MD	9.7	9.525	3.81	3.81	0.8	●	▲									
B 硬质合金刀片 Cermet insert	CNMG120404-MD	12.9	12.7	4.76	5.16	0.4	●	▲									
	CNMG120408-MD	12.9	12.7	4.76	5.16	0.8	●	▲									
C 铣削刀片 Milling tool holder	CNMG120412-MD	12.9	12.7	4.76	5.16	1.2	●	▲									
	CNMG160612-MD	16.1	15.875	6.35	6.35	1.2	●	▲									
D 钻削刀片 Drill tool holder	CNMG160616-MD	16.1	15.875	6.35	6.35	1.6	●	▲									
	CNMG190608-MD	19.3	19.05	6.35	7.49	0.8	●	▲									
E 硬质合金刀片 Cermet tools	CNMG190612-MD	19.3	19.05	6.35	7.49	1.2	●	▲									
	CNMG190616-MD	19.3	19.05	6.35	7.49	1.6	●	▲									
	CNMG120404-MA	12.9	12.7	4.76	5.16	0.4					●	▲					
	CNMG120408-MA	12.9	12.7	4.76	5.16	0.8					●	▲					
加工 Finishing																	
	CNMG120404-HJ	12.9	12.7	4.76	5.16	0.4											▲
	CNMG120408-HJ	12.9	12.7	4.76	5.16	0.8											▲
	CNMG160612-HJ	16.1	15.875	6.35	6.35	1.2											▲
	CNMG160616-HJ	16.1	15.875	6.35	6.35	1.6											▲
	CNMG120404-PM	12.9	12.7	4.76	5.16	0.4	●	▲									
	CNMG120408-PM	12.9	12.7	4.76	5.16	0.8	●	▲									
	CNMG120412-PM	12.9	12.7	4.76	5.16	0.8	●	▲									
	CNMG190612-PM	19.3	19.05	6.35	7.49	1.2	●	▲									
	CNMG120404-RA	12.9	12.7	4.76	5.16	0.4											▲
	CNMG120408-RA	12.9	12.7	4.76	5.16	0.8											▲
	CNMG120412-RA	12.9	12.7	4.76	5.16	1.2											▲
	CNMG160608-RA	16.1	15.875	6.35	6.35	0.8											▲
	CNMG190608-RA	19.3	19.05	6.35	7.49	0.8											▲
	CNMG190612-RA	19.3	19.05	6.35	7.49	1.2											▲
	CNMG090308-PP	9.7	9.525	3.81	3.81	0.8		●						▲			
	CNMG120408-PP	12.9	12.7	4.76	5.16	0.8		●						▲			
	CNMG120412-PP	12.9	12.7	4.76	5.16	1.2		●						▲			
	CNMG160612-PP	16.1	15.875	6.35	6.35	1.2		●						▲			
	CNMG120404-IF	12.9	12.7	4.76	5.16	0.4								▲			
	CNMG120408-IF	12.9	12.7	4.76	5.16	0.8								▲			

车削刀片系列 Turning insert

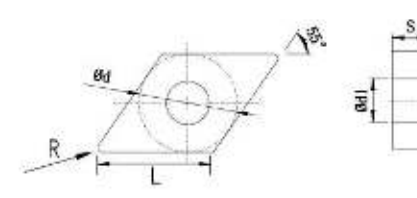
>>> 80° Turning insert (Negative) CN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS6010	WS6010
粗加工 Roughing	CNMG120408-HN	12.9	12.7	4.76	5.16	0.8	●	▲									
	CNMG120412-HN	12.9	12.7	4.76	5.16	1.2	●	▲									
	CNMG160608-HN	16.1	15.875	6.35	6.35	0.8	●	▲									
	CNMG160612-HN	16.1	15.875	6.35	6.35	1.2	●	▲									
	CNMG190612-HN	19.3	19.05	6.35	7.94	1.2	●	▲									
	CNMG190616-HN	19.3	19.05	6.35	7.94	1.6	●	▲									
	CNMA120404-NC	12.9	12.7	4.76	5.16	0.4									▲		
	CNMA120408-NC	12.9	12.7	4.76	5.16	0.8									▲		
	CNMA120412-NC	12.9	12.7	4.76	5.16	1.2									▲		
	CNMA160608-NC	16.1	15.875	6.35	6.35	0.8									▲		
精加工 Finishing	CNMA160612-NC	16.1	15.875	6.35	6.35	1.2									▲		
	CNMA160616-NC	16.1	15.875	6.35	6.35	1.6									▲		
	CNMA190608-NC	19.3	19.05	6.35	7.94	0.8									▲		
	CNMA190612-NC	19.3	19.05	6.35	7.94	1.2									▲		
	CNMA190616-NC	19.3	19.05	6.35	7.94	1.6									▲		
	CNMG120404R-SV	12.9	12.7	4.76	5.16	0.4	●	▲									
	CNMG120404L-SV	12.9	12.7	4.76	5.16	0.4	●	▲									
	CNMG120408R-SV	12.9	12.7	4.76	5.16	0.8	●	▲									
	CNMG120408L-SV	12.9	12.7	4.76	5.16	0.8	●	▲									
硬质合金刀片 Carbide tools	CNMG120404-DL	12.9	12.7	4.76	5.16	0.4	●	▲									
	CNMG120408-DL	12.9	12.7	4.76	5.16	0.8	●	▲									
	CNMG120412-DL	12.9	12.7	4.76	5.16	1.2	●	▲									

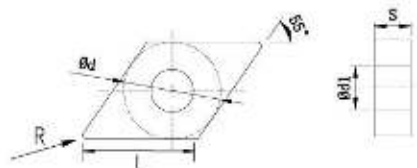
>>> 55° Turning insert (Negative) DN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS6010	WS6010
粗加工 Roughing	DNMG110404-FM	11.6	9.525	4.76	3.81	0.4	▲	●									
	DNMG110408-FM	11.6	9.525	4.76	3.81	0.8	▲	●									
	DNMG150404-FM	15.5	12.7	4.76	5.16	0.4	▲	●									
	DNMG150408-FM	15.5	12.7	4.76	5.16	0.8	▲	●									
	DNMG150412-FM	15.5	12.7	4.76	5.16	1.2	▲	●									
	DNMG150604-FM	15.5	12.7	6.35	5.16	0.4	▲	●									
	DNMG150608-FM	15.5	12.7	6.35	5.16	0.8	▲	●									
	DNMG150612-FM	15.5	12.7	6.35	5.16	1.2	▲	●									
	DNMG110404-PF	11.6	9.525	4.76	3.81	0.4			▲				●				
	DNMG110408-PF	11.6	9.525	4.76	3.81	0.8			▲				●				
精加工 Finishing	DNMG150404-PF	15.5	12.7	4.76	5.16	0.4			▲				●				
	DNMG150408-PF	15.5	12.7	4.76	5.16	0.8			▲				●				
	DNMG150604-PF	15.5	12.7	6.35	5.16	0.4			▲				●				
	DNMG150608-PF	15.5	12.7	6.35	5.16	0.8			▲				●				
	DNMG150404-FS	15.5	12.7	4.76	5.16	0.4						▲					
	DNMG150408-FS	15.5	12.7	4.76	5.16	0.8						▲					
	DNMG150604-FS	15.5	12.7	6.35	5.16	0.4						▲					
	DNMG150608-FS	15.5	12.7	6.35	5.16	0.8						▲					
	DNMG150402-ALN	15.5	12.7	4.76	5.16	0.2											▲
	DNMG150404-ALN	15.5	12.7	4.76	5.16	0.4											▲
硬质合金刀片 Carbide tools	DNMG150408-ALN	15.5	12.7	4.76	5.16	0.8											▲
	DNMG150602-ALN	15.5	12.7	6.35	5.16	0.2											▲
	DNMG150604-ALN	15.5	12.7	6.35	5.16	0.4											▲
	DNMG150608-ALN	15.5	12.7	6.35	5.16	0.8											▲
	DNMG110404-MG	11.6	9.525	4.76	3.81	0.4			●	▲							
	DNMG110408-MG	11.6	9.525	4.76	3.81	0.8			●	▲							
	DNMG150404R-VF	15.5	12.7	4.76	5.16	0.4			●	▲							
	DNMG150404-CQ	15.5	12.7	4.76	5.16	0.4			●	▲							
	DNMG150408-CQ	15.5	12.7	4.76	5.16	0.8			●	▲							

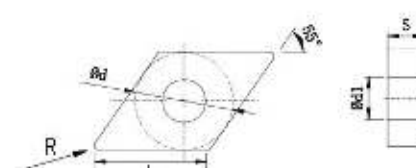
>>> 55° Turning insert (Negative) DN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				X	S	N
		L	φd	S	edL	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
	DNMG110404-MD	11.6	9.525	4.76	3.81	0.4	▲	●									
	DNMG110408-MD	11.6	9.525	4.76	3.81	0.8	▲	●									
	DNMG150404-MD	15.5	12.7	4.76	5.16	0.4	▲	●									
	DNMG150408-MD	15.5	12.7	4.76	5.16	0.8	▲	●									
	DNMG150412-MD	15.5	12.7	4.76	5.16	1.2	▲	●									
	DNMG150604-MD	15.5	12.7	6.35	5.16	0.4	▲	●									
	DNMG150608-MD	15.5	12.7	6.35	5.16	0.8	▲	●									
	DNMG150612-MD	15.5	12.7	6.35	5.16	1.2	▲	●									
	DNMG150404-MA	15.5	12.7	4.76	5.16	0.4					●	▲					
	DNMG150408-MA	15.5	12.7	4.76	5.16	0.8					●	▲					
	DNMG150604-MA	15.5	12.7	6.35	5.16	0.4					●	▲					
	DNMG150608-MA	15.5	12.7	6.35	5.16	0.8					●	▲					
	DNMG150404-HJ	15.5	12.7	4.76	5.16	0.4									▲		
	DNMG150408-HJ	15.5	12.7	4.76	5.16	0.8									▲		
	DNMG150412-HJ	15.5	12.7	4.76	5.16	1.2									▲		
	DNMG150604-HJ	15.5	12.7	6.35	5.16	0.4									▲		
	DNMG150608-HJ	15.5	12.7	6.35	5.16	0.8									▲		
	DNMG150612-HJ	15.5	12.7	6.35	5.16	1.2									▲		
	DNMG110408-RA	11.6	9.525	4.76	3.81	0.8											▲
	DNMG150408-RA	15.5	12.7	4.76	5.16	0.8											▲
	DNMG150608-RA	15.5	12.7	6.35	5.16	0.8											▲
	DNMG150404-TF	15.5	12.7	4.76	5.16	0.4								▲			
	DNMG150408-TF	15.5	12.7	4.76	5.16	0.8								▲			
	DNMG150604-TF	15.5	12.7	6.35	5.16	0.4								▲			
	DNMG150608-TF	15.5	12.7	6.35	5.16	0.8								▲			
	DNMG110408-FP	11.6	9.525	4.76	3.81	0.8									▲		
	DNMG150408-FP	15.5	12.7	4.76	5.16	0.8									▲		
	DNMG150608-FP	15.5	12.7	6.35	5.16	0.8									▲		
	DNMG150404-PM	15.5	12.7	4.76	5.16	0.4	▲	●									
	DNMG150408-PM	15.5	12.7	4.76	5.16	0.8	▲	●									
	DNMG150412-PM	15.5	12.7	4.76	5.16	1.2	▲	●									
	DNMG150604-PM	15.5	12.7	6.35	5.16	0.4	▲	●									
	DNMG150608-PM	15.5	12.7	6.35	5.16	0.8	▲	●									
	DNMG150612-PM	15.5	12.7	6.35	5.16	1.2	▲	●									

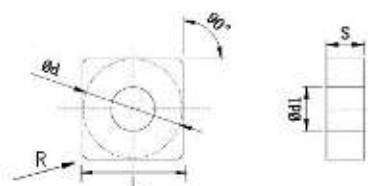
>>> 55° Turning insert (Negative) DN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	edL	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
	DNMG150408-HN	15.5	12.7	4.76	5.16	0.8	●	▲									
	DNMG150412-HN	15.5	12.7	4.76	5.16	1.2	●	▲									
	DNMG150608-HN	15.5	12.7	6.35	5.16	0.8	●	▲									
	DNMG150612-HN	15.5	12.7	6.35	5.16	1.2	●	▲									
	DNMA150404-NC	15.5	12.7	4.76	5.16	0.4									▲		
	DNMA150408-NC	15.5	12.7	4.76	5.16	0.8									▲		
	DNMA150412-NC	15.5	12.7	4.76	5.16	1.2									▲		
	DNMA150604-NC	15.5	12.7	6.35	5.16	0.4									▲		
	DNMA150608-NC	15.5	12.7	6.35	5.16	0.8									▲		
	DNMA150612-NC	15.5	12.7	6.35	5.16	1.2									▲		
	DNMG110408	11.6	9.525	4.76	3.81	0.8			●					▲			
	DNMG150404	15.5	12.7	4.76	5.16	0.4			●					▲			
	DNMG150408	15.5	12.7	4.76	5.16	0.8			●					▲			
	DNMG150412	15.5	12.7	4.76	5.16	0.8			●					▲			
	DNMG150608	15.5	12.7	6.35	5.16	0.8			●					▲			
	DNMG150612	15.5	12.7	6.35	5.16	1.2			●					▲			

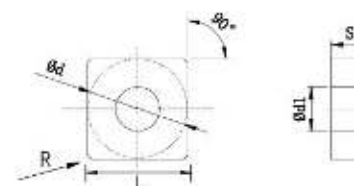
>>> 90° Turning insert (Negative) SN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SNMG120404
	SNMG120404-FM	12.7	12.7	4.76	5.16	0.4	▲	●									
	SNMG120408-FM	12.7	12.7	4.76	5.16	0.8	▲	●									
	SNMG120412-FM	12.7	12.7	4.76	5.16	0.8	▲	●									
	SNMG120404-HM	12.7	12.7	4.76	5.16	0.4						▲					
	SNMG120408-HM	12.7	12.7	4.76	5.16	0.8						▲					
	SNMG120404-PF	12.7	12.7	4.76	5.16	0.4			▲				●				
	SNMG120408-PF	12.7	12.7	4.76	5.16	0.8			▲				●				
	SNMG120404-MF	12.7	12.7	4.76	5.16	0.4								▲			
	SNMG120404-FS	12.7	12.7	4.76	5.16	0.4							▲				
	SNMG120408-FS	12.7	12.7	4.76	5.16	0.8							▲				
	SNMG120412-FS	12.7	12.7	4.76	5.16	1.2							▲				
	SNMG120404-MQ	12.7	12.7	4.76	5.16	0.4				▲							
	SNMG120408-MQ	12.7	12.7	4.76	5.16	0.8				▲							
	SNMG120404-ALN	12.7	12.7	4.76	5.16	0.4											▲
	SNMG120408-ALN	12.7	12.7	4.76	5.16	0.8											▲
	SNMG120412-ALN	12.7	12.7	4.76	5.16	1.2											▲

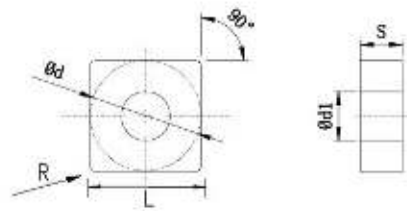
>>> 90° Turning insert (Negative) SN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SNMG120404
	SNMG120404-MD	12.7	12.7	4.76	5.16	0.4	●	▲									
	SNMG120408-MD	12.7	12.7	4.76	5.16	0.8	●	▲									
	SNMG120412-MD	12.7	12.7	4.76	5.16	1.2	●	▲									
	SNMG150608-MD	15.875	15.875	6.35	6.35	0.8	●	▲									
	SNMG150612-MD	15.875	15.875	6.35	6.35	1.2	●	▲									
	SNMG190608-MD	19.05	19.05	6.35	7.94	0.8	●	▲									
	SNMG190612-MD	19.05	19.05	6.35	7.94	1.2	●	▲									
	SNMG190616-MD	19.05	19.05	6.35	7.94	1.6	●	▲									
	SNMG120404-MA	12.7	12.7	4.76	5.16	0.4					●	▲					
	SNMG120408-MA	12.7	12.7	4.76	5.16	0.8					●	▲					
	SNMG120408-HJ	12.7	12.7	4.76	5.16	0.8											▲
	SNMG120412-HJ	12.7	12.7	4.76	5.16	1.2											▲
	SNMG120408-RA	12.7	12.7	4.76	5.16	0.8											▲
	SNMG120412-RA	12.7	12.7	4.76	5.16	1.2											▲
	SNMG150612-RA	15.875	15.875	6.35	6.35	1.2											▲
	SNMG190612-RA	19.05	19.05	6.35	7.94	1.2											▲
	SNMG190616-RA	19.05	19.05	6.35	7.94	1.6											▲
	SNMG120404-PM	12.9	12.7	4.76	5.16	0.4	●	▲									
	SNMG120408-PM	12.9	12.7	4.76	5.16	0.8	●	▲									
	SNMG120412-PM	12.9	12.7	4.76	5.16	1.2	●	▲									
	SNMG190612-PM	19.05	19.05	6.35	7.94	1.2	●	▲									
	SNMG120404-TF	12.9	12.7	4.76	5.16	0.4								▲			
	SNMG120408-TF	12.9	12.7	4.76	5.16	0.8								▲			

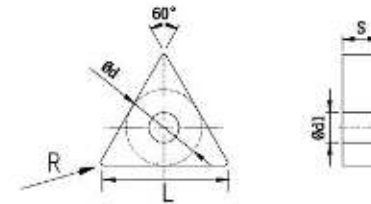
>>> 90° Turning insert (Negative) SN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS9010	WS9010	WS9010
	SNMG120408-HN	12.7	12.7	4.76	5.16	0.8	●	▲									
	SNMG120412-HN	12.7	12.7	4.76	5.16	1.2	●	▲									
	SNMG150612-HN	15.875	15.875	6.35	6.35	1.2	●	▲									
	SNMG190612-HN	19.05	19.05	6.35	7.94	1.2	●	▲									
	SNMG190616-HN	19.05	19.05	6.35	7.94	1.6	●	▲									
粗加工 Roughing	SNMG120408-NC	12.7	12.7	4.76	5.16	0.8									▲		
	SNMG120412-NC	12.7	12.7	4.76	5.16	1.2									▲		
	SNMG150612-NC	15.875	15.875	6.35	6.35	1.2									▲		
	SNMG190608-NC	19.05	19.05	6.35	7.94	0.8									▲		
	SNMG190612-NC	19.05	19.05	6.35	7.94	1.2									▲		
	SNMG190616-NC	19.05	19.05	6.35	7.94	1.6									▲		
	SNMG120404R-SV	12.7	12.7	4.76	5.16	0.4	●	▲									
	SNMG120404L-SV	12.7	12.7	4.76	5.16	0.4	●	▲									
	SNMG120408R-SV	12.7	12.7	4.76	5.16	0.8	●	▲									
	SNMG120408L-SV	12.7	12.7	4.76	5.16	0.8	●	▲									

>>> 60° Turning insert (Negative) TN□□

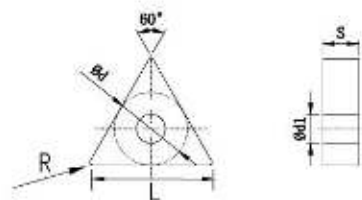


▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS9010	WS9010	WS9010
	TNMG160404-FM	16.5	9.525	4.76	3.81	0.4	●	▲									
	TNMG160408-FM	16.5	9.525	4.76	3.81	0.8	●	▲									
	TNMG160412-FM	16.5	9.525	4.76	3.81	1.2	●	▲									
	TNMG220404-FM	22.0	12.7	4.76	5.16	0.4	●	▲									
	TNMG220408-FM	22.0	12.7	4.76	5.16	0.8	●	▲									
	TNMG160404-HM	16.5	9.525	4.76	3.81	0.4						▲					
	TNMG160408-HM	16.5	9.525	4.76	3.81	0.8						▲					
	TNMG160402-FS	16.5	9.525	4.76	3.81	0.2							▲				
	TNMG160404-FS	16.5	9.525	4.76	3.81	0.4							▲				
	TNMG160408-FS	16.5	9.525	4.76	3.81	0.8							▲				
	TNMG160412-FS	16.5	9.525	4.76	3.81	1.2							▲				
	TNMG220408-FS	22.0	12.7	4.76	5.16	0.8							▲				
	TNMG160404-QQ	16.5	9.525	4.76	3.81	0.4								▲			
	TNMG160408-QQ	16.5	9.525	4.76	3.81	0.8								▲			
	TNMG160404-PF	16.5	9.525	4.76	3.81	0.4			▲					▲			
	TNMG160408-PF	16.5	9.525	4.76	3.81	0.8			▲					▲			
	TNMG160404-MF	16.5	9.525	4.76	3.81	0.4									▲		
	TNMG160408-MF	16.5	9.525	4.76	3.81	0.8									▲		
	TNMG160404-SF	16.5	9.525	4.76	3.81	0.4										▲	
	TNMG160408-SF	16.5	9.525	4.76	3.81	0.8											▲
	TNMG160404-VF	16.5	9.525	4.76	3.81	0.4				▲							
	TNMG160404L-VF	16.5	9.525	4.76	3.81	0.4				▲							
	TNMG160408R-VF	16.5	9.525	4.76	3.81	0.8				▲							
	TNMG160408L-VF	16.5	9.525	4.76	3.81	0.8				▲							
	TNMG160404R-VF	16.5	9.525	4.76	3.81	0.4				▲							

车削刀片系列 Turning insert

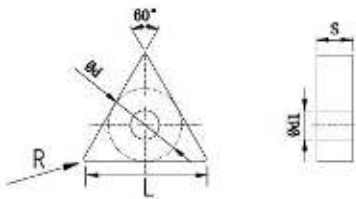
>>> 60° Turning insert (Negative) TN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS2010	WS2010
	TNMG160404-MC	16.5	9.525	4.76	3.81	0.4				▲							
	TNMG160408-MC	16.5	9.525	4.76	3.81	0.8				▲							
	INMG160404-MQ	16.5	9.525	4.76	3.81	0.4				▲							
	INMG160408-MQ	16.5	9.525	4.76	3.81	0.8				▲							
	TNGG160402R-C	16.5	9.525	4.76	3.81	0.2				▲							
	TNGG160402L-C	16.5	9.525	4.76	3.81	0.2				▲							
	TNGG160404R-C	16.5	9.525	4.76	3.81	0.4				▲							
	TNGG160404L-C	16.5	9.525	4.76	3.81	0.4				▲							
	TNGG160402R-S	16.5	9.525	4.76	3.81	0.2				▲							
	TNGG160402L-S	16.5	9.525	4.76	3.81	0.2				▲							
	TNGG160404R-S	16.5	9.525	4.76	3.81	0.4				▲							
	TNGG160404L-S	16.5	9.525	4.76	3.81	0.4				▲							
	TNGG160402R-F	16.5	9.525	4.76	3.81	0.2				▲							
	TNGG160402L-F	16.5	9.525	4.76	3.81	0.2				▲							
	TNGG160404R-F	16.5	9.525	4.76	3.81	0.4				▲							
	TNGG160404L-F	16.5	9.525	4.76	3.81	0.4				▲							
	TNMG160402-ALN	16.5	9.525	4.76	3.81	0.2											▲
	TNMG160404-ALN	16.5	9.525	4.76	3.81	0.4											▲
	TNMG160408-ALN	16.5	9.525	4.76	3.81	0.8											▲
	TNMG160412-ALN	16.5	9.525	4.76	3.81	1.2											▲
	TNMG220408-ALN	22.0	12.7	4.76	5.16	0.8											▲
	TNMG160402-ALM	16.5	9.525	4.76	3.81	0.2											▲
	TNMG160404-ALM	16.5	9.525	4.76	3.81	0.4											▲
	TNMG160408-ALM	16.5	9.525	4.76	3.81	0.8											▲

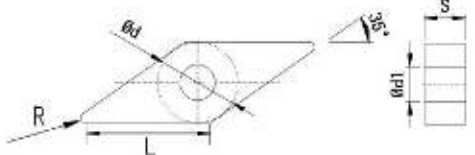
>>> 60° Turning insert (Negative) TN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS4080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SNALLC
	TNMG160404-HN	16.5	9.525	4.76	3.81	0.4	●	▲									
	TNMG160408-HN	16.5	9.525	4.76	3.81	0.8	●	▲									
	TNMG220408-HN	22.0	12.7	4.76	5.16	0.8	●	▲									
	TNMA160404-NC	16.5	9.525	4.76	3.81	0.4									▲		
	TNMA160408-NC	16.5	9.525	4.76	3.81	0.8									▲		
	TNMA160412-NC	16.5	9.525	4.76	3.81	1.2									▲		
	TNMA220404-NC	22.0	12.7	4.76	5.16	0.4									▲		
	TNMA220408-NC	22.0	12.7	4.76	5.16	0.8									▲		
	TNMA220412-NC	22.0	12.7	4.76	5.16	1.2									▲		
	TNMG160404-DL	16.5	9.525	4.76	3.81	0.4	▲	●									
	TNMG160408-DL	16.5	9.525	4.76	3.81	0.8	▲	●									
	TNMG160412-DL	16.5	9.525	4.76	3.81	1.2	▲	●									
	TNMG160404-SV	16.5	9.525	4.76	3.81	0.4	▲	●									
	TNMG160408-SV	16.5	9.525	4.76	3.81	0.8	▲	●									
	TNMG160408L-SV	16.5	9.525	4.76	3.81	0.8	▲	●									

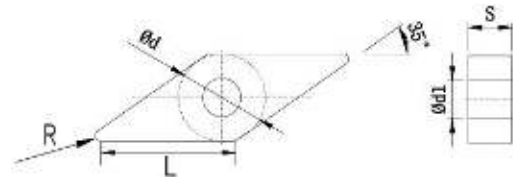
>>> 35° Turning insert (Negative) VN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS4080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SNALLC
	VNMG160404-FM	16.6	9.525	4.76	3.81	0.4	▲	●									
	VNMG160408-FM	16.6	9.525	4.76	3.81	0.8	▲	●									
	VNMG160404-HM	16.6	9.525	4.76	3.81	0.4						▲					
	VNMG160408-HM	16.6	9.525	4.76	3.81	0.8						▲					
	VNMG160402-FS	16.6	9.525	4.76	3.81	0.2							▲				
	VNMG160404-FS	16.6	9.525	4.76	3.81	0.4							▲				
	VNMG160408-FS	16.6	9.525	4.76	3.81	0.8							▲				
	VNMG160402-ALN	16.6	9.525	4.76	3.81	0.2											▲
	VNMG160404-ALN	16.6	9.525	4.76	3.81	0.4											▲
	VNMG160408-ALN	16.6	9.525	4.76	3.81	0.8											▲
	VNMG160404-PF	16.6	9.525	4.76	3.81	0.4			▲					●			
	VNMG160408-PF	16.6	9.525	4.76	3.81	0.8			▲					●			
	VNMG160404-SF	16.6	9.525	4.76	3.81	0.4									▲		
	VNMG160404-MQ	16.6	9.525	4.76	3.81	0.4				▲							
	VNMG160408-MQ	16.6	9.525	4.76	3.81	0.8				▲							
	VNMG160404-MG	16.6	9.525	4.76	3.81	0.4				▲							
	VNMG160402R-H	16.6	9.525	4.76	3.81	0.2						▲					
	VNMG160402L-H	16.6	9.525	4.76	3.81	0.2						▲					
	VNMG160404R-H	16.6	9.525	4.76	3.81	0.4						▲					
	VNMG160404L-H	16.6	9.525	4.76	3.81	0.4						▲					

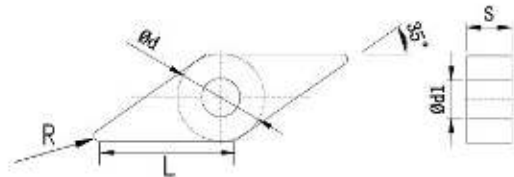
>>> 35° Turning insert (Negative) VN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SA110
	VNMG160404-MD	16.6	9.525	4.76	3.81	0.4	●	▲									
	VNMG160408-MD	16.6	9.525	4.76	3.81	0.8	●	▲									
	VNMG160412-MD	16.6	9.525	4.76	3.81	1.2	●	▲									
	VNMG160404-MA	16.6	9.525	4.76	3.81	0.4					●	▲					
	VNMG160408-MA	16.6	9.525	4.76	3.81	0.8					●	▲					
	VNMG160412-MA	16.6	9.525	4.76	3.81	1.2					●	▲					
	VNMG160408-HJ	16.6	9.525	4.76	3.81	0.8									▲		
	VNMG160404-RA	16.6	9.525	4.76	3.81	0.4										▲	
	VNMG160408-RA	16.6	9.525	4.76	3.81	0.8										▲	
	VNMG160404-PM	16.6	9.525	4.76	3.81	0.4	▲	●									
	VNMG160408-PM	16.6	9.525	4.76	3.81	0.8	▲	●									
	VNMG160412-PM	16.6	9.525	4.76	3.81	1.2	▲	●									
	VNMG160404-IF	16.6	9.525	4.76	3.81	0.4							▲				
	VNMG160408-IF	16.6	9.525	4.76	3.81	0.8							▲				
	VNMG160404-FP	16.6	9.525	4.76	3.81	0.4								▲			
	VNMG160408-FP	16.6	9.525	4.76	3.81	0.8								▲			

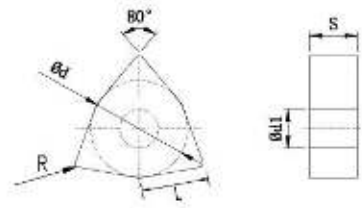
>>> 35° Turning insert (Negative) VN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SA110
	VNMG160404-DL	16.6	9.525	4.76	3.81	0.4	▲	●									
	VNMG160408-DL	16.6	9.525	4.76	3.81	0.8	▲	●									
	VNMG160412-DL	16.6	9.525	4.76	3.81	1.2	▲	●									

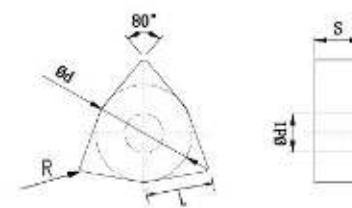
>>> 80° Turning insert (Negative) WN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS4010	SAUT10
	WNMG060404-FM	6.5	9.525	4.76	3.81	0.4	▲	●									
	WNMG060408-FM	6.5	9.525	4.76	3.81	0.8	▲	●									
	WNMG080404-FM	8.7	12.7	4.76	3.81	0.4	▲	●									
	WNMG080408-FM	8.7	12.7	4.76	3.81	0.8	▲	●									
	WNMG080412-FM	8.7	12.7	4.76	3.81	1.2	▲	●									
	WNMG080404-HM	8.7	12.7	4.76	3.81	0.4					●	▲					
	WNMG080408-HM	8.7	12.7	4.76	3.81	0.8					●	▲					
	WNMG060404-FS	6.5	9.525	4.76	3.81	0.4							▲				
	WNMG060408-FS	6.5	9.525	4.76	3.81	0.8							▲				
	WNMG080404-FS	8.7	12.7	4.76	3.81	0.4							▲				
	WNMG080408-FS	8.7	12.7	4.76	3.81	0.8							▲				
	WNMG080412-FS	8.7	12.7	4.76	3.81	1.2							▲				
	WNMG060404-PF	6.5	9.525	4.76	3.81	0.4			▲					●			
	WNMG060408-PF	6.5	9.525	4.76	3.81	0.8			▲					●			
	WNMG080404-PF	8.7	12.7	4.76	3.81	0.4			▲					●			
	WNMG080408-PF	8.7	12.7	4.76	3.81	0.8			▲					●			
	WNMG060408-MF	6.5	9.525	4.76	3.81	0.8									▲		
	WNMG080404-MF	8.7	12.7	4.76	3.81	0.4									▲		
	WNMG080408-MF	8.7	12.7	4.76	3.81	0.8									▲		
	WNMG060404-SF	6.5	9.525	4.76	3.81	0.4									▲		
	WNMG080404-SF	8.7	12.7	4.76	3.81	0.4									▲		
	WNMG080408-SF	8.7	12.7	4.76	3.81	0.8									▲		
	WNMG080404-MG	8.7	12.7	4.76	3.81	0.4				▲							
	WNMG080404-MQ	8.7	12.7	4.76	3.81	0.4											
	WNMG080408-MQ	8.7	12.7	4.76	3.81	0.8											

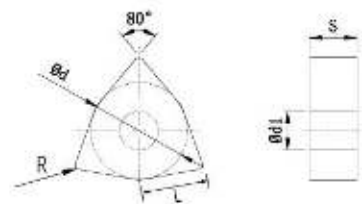
>>> 80° Turning insert (Negative) WN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS4010	SAUT10
	WNGG080402R-C	8.7	12.7	4.76	3.81	0.2				▲							
	WNGG080402L-C	8.7	12.7	4.76	3.81	0.2				▲							
	WNGG080404R-C	8.7	12.7	4.76	3.81	0.4				▲							
	WNGG080404L-C	8.7	12.7	4.76	3.81	0.4				▲							
	WNGG080402R-F	8.7	12.7	4.76	3.81	0.2				▲							
	WNGG080402L-F	8.7	12.7	4.76	3.81	0.2				▲							
	WNGG080404R-F	8.7	12.7	4.76	3.81	0.4				▲							
	WNGG080404L-F	8.7	12.7	4.76	3.81	0.4				▲							
	WNMG060404-ALN	6.5	9.525	4.76	3.81	0.4											▲
	WNMG060408-ALN	6.5	9.525	4.76	3.81	0.8											▲
	WNMG080404-ALN	8.7	12.7	4.76	3.81	0.4											▲
	WNMG080408-ALN	8.7	12.7	4.76	3.81	0.8											▲
	WNMG080412-ALN	8.7	12.7	4.76	3.81	1.2											▲
	WNMG080404-ALM	8.7	12.7	4.76	3.81	0.4											▲
	WNMG080408-ALM	8.7	12.7	4.76	3.81	0.8											▲

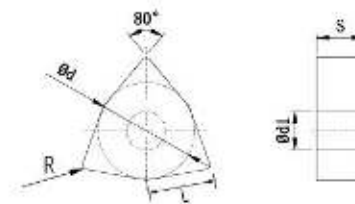
>>> 80° Turning insert (Negative) WN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS4010	SAUTE
	WNMG060404-MD	6.5	9.525	4.76	3.81	0.4	▲	●									
	WNMG060408-MD	6.5	9.525	4.76	3.81	0.8	▲	●									
	WNMG080404-MD	8.7	12.7	4.76	3.81	0.4	▲	●									
	WNMG080408-MD	8.7	12.7	4.76	3.81	0.8	▲	●									
	WNMG080412-MD	8.7	12.7	4.76	3.81	1.2	▲	●									
	WNMG080404-MA	8.7	12.7	4.76	3.81	0.4					●	▲					
	WNMG080408-MA	8.7	12.7	4.76	3.81	0.8					●	▲					
	WNMG080412-MA	8.7	12.7	4.76	3.81	1.2					●	▲					
	WNMG080404-HJ	8.7	12.7	4.76	3.81	0.4									▲		
	WNMG080408-HJ	8.7	12.7	4.76	3.81	0.8									▲		
	WNMG080412-HJ	8.7	12.7	4.76	3.81	1.2									▲		
	WNMG080404-RA	8.7	12.7	4.76	3.81	0.4										▲	
	WNMG080408-RA	8.7	12.7	4.76	3.81	0.8										▲	
	WNMG080412-RA	8.7	12.7	4.76	3.81	1.2										▲	
	WNMG060408-FP	6.5	9.525	4.76	3.81	0.8			●						▲		
	WNMG080404-FP	8.7	12.7	4.76	3.81	0.4			●						▲		
	WNMG080408-FP	8.7	12.7	4.76	3.81	0.8			●						▲		
	WNMG080404-TF	8.7	12.7	4.76	3.81	0.4								▲			
	WNMG080408-TF	8.7	12.7	4.76	3.81	0.8								▲			
	WNMG080404-PM	8.7	12.7	4.76	3.81	0.4	▲	●									
	WNMG080408-PM	8.7	12.7	4.76	3.81	0.8	▲	●									
	WNMG080412-PM	8.7	12.7	4.76	3.81	1.2	▲	●									

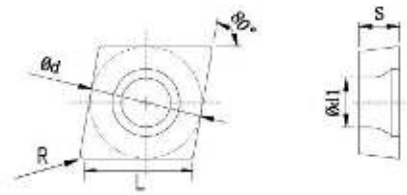
>>> 80° Turning insert (Negative) WN□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS4010	SAUTE
	WNMG080408-HN	8.7	12.7	4.76	3.81	0.8	●	▲									
	WNMG080412-HN	8.7	12.7	4.76	3.81	1.2	●	▲									
	WNMG080416-HN	8.7	12.7	4.76	3.81	1.6	●	▲									
	WNMA060408-NC	6.5	9.525	4.76	3.81	0.8										▲	
	WNMA060412-NC	6.5	9.525	4.76	3.81	1.2										▲	
	WNMA080406-NC	8.7	12.7	4.76	3.81	0.4										▲	
	WNMA080408-NC	8.7	12.7	4.76	3.81	0.8										▲	
	WNMA080412-NC	8.7	12.7	4.76	3.81	1.2										▲	
	WNMA080416-NC	8.7	12.7	4.76	3.81	1.6										▲	
	WNMG080404R-VS	8.7	12.7	4.76	3.81	0.4	▲	●									
	WNMG080404L-VS	8.7	12.7	4.76	3.81	0.4	▲	●									
	WNMG080408R-VS	8.7	12.7	4.76	3.81	0.8	▲	●									
	WNMG080408L-VS	8.7	12.7	4.76	3.81	0.8	▲	●									
	WNMG080404-DL	8.7	12.7	4.76	3.81	0.4	▲	●									
	WNMG080408-DL	8.7	12.7	4.76	3.81	0.8	▲	●									
	WNMG080412-DL	8.7	12.7	4.76	3.81	1.2	▲	●									

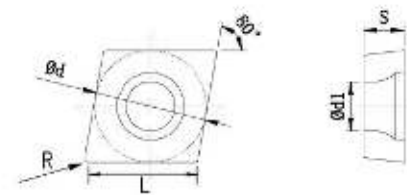
>>> 80° Turning insert (Positive) CC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SNALLC
	CCMT060202-FM	6.4	6.35	2.38	2.8	0.2	▲	●									
	CCMT060204-FM	6.4	6.35	2.38	2.8	0.4	▲	●									
	CCMT060208-FM	6.4	6.35	2.38	2.8	0.8	▲	●									
	CCMT091302-FM	9.7	9.525	3.97	4.4	0.2	▲	●									
	CCMT091304-FM	9.7	9.525	3.97	4.4	0.4	▲	●									
	CCMT091308-FM	9.7	9.525	3.97	4.4	0.8	▲	●									
	CCMT120404-FM	12.9	12.7	4.76	5.5	0.4	▲	●									
	CCMT120408-FM	12.9	12.7	4.76	5.5	0.8	▲	●									
	CCGT060202-FW	6.4	6.35	2.38	2.8	0.2							▲				
	CCGT060204-FW	6.4	6.35	2.38	2.8	0.4							▲				
	CCGT091302-FW	9.7	9.525	3.97	4.4	0.2							▲				
	CCGT091304-FW	9.7	9.525	3.97	4.4	0.4							▲				
	CCGT091308-FW	9.7	9.525	3.97	4.4	0.8							▲				
	CCMT060204-MS	6.4	6.35	2.38	2.8	0.4							▲				
	CCMT060208-MS	6.4	6.35	2.38	2.8	0.8							▲				
	CCMT091304-MS	9.7	9.525	3.97	4.4	0.4							▲				
	CCMT091308-MS	9.7	9.525	3.97	4.4	0.8							▲				
	CCMT060202-SF	6.4	6.35	2.38	2.8	0.2			●						▲		
	CCMT060204-SF	6.4	6.35	2.38	2.8	0.4			●						▲		
	CCMT060208-SF	6.4	6.35	2.38	2.8	0.8			●						▲		
	CCMT091302-SF	9.7	9.525	3.97	4.4	0.2			●						▲		
	CCMT091304-SF	9.7	9.525	3.97	4.4	0.4			●						▲		
	CCMT091308-SF	9.7	9.525	3.97	4.4	0.8			●						▲		
	CCMT120404-SF	12.9	12.7	4.76	5.5	0.4			●						▲		
									●						▲		
	CCMT060204-MC	6.4	6.35	2.38	2.8	0.4				▲							
	CCMT091304-MC	9.7	9.525	3.97	4.4	0.4				▲							

>>> 80° Turning insert (Positive) CC□□

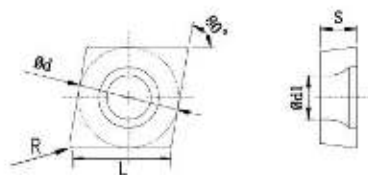


▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SNALLC
	CCGT060202R-F	6.4	6.35	2.38	2.8	0.2											
	CCGT060202L-F	6.4	6.35	2.38	2.8	0.2											
	CCGT060204R-F	6.4	6.35	2.38	2.8	0.4											
	CCGT060204L-F	6.4	6.35	2.38	2.8	0.4											
	CCGT091302R-F	9.7	9.525	3.97	4.4	0.2											
	CCGT091302L-F	9.7	9.525	3.97	4.4	0.2											
	CCGT091304R-F	9.7	9.525	3.97	4.4	0.4											
	CCGT091304L-F	9.7	9.525	3.97	4.4	0.4											
	CCGT060202R-S	6.4	6.35	2.38	2.8	0.2											
	CCGT060202L-S	6.4	6.35	2.38	2.8	0.2											
	CCGT060204R-S	6.4	6.35	2.38	2.8	0.4											
	CCGT060204L-S	6.4	6.35	2.38	2.8	0.4											
	CCGT091302R-S	9.7	9.525	3.97	4.4	0.2											
	CCGT091302L-S	9.7	9.525	3.97	4.4	0.2											
	CCGT091304R-S	9.7	9.525	3.97	4.4	0.4											
	CCGT091304L-S	9.7	9.525	3.97	4.4	0.4											
	CCGT060202-ALU	6.4	6.35	2.38	2.8	0.2											▲
	CCGT060204-ALU	6.4	6.35	2.38	2.8	0.4											▲
	CCGT060208-ALU	6.4	6.35	2.38	2.8	0.8											▲
	CCGT091302-ALU	9.7	9.525	3.97	4.4	0.2											▲
	CCGT091304-ALU	9.7	9.525	3.97	4.4	0.4											▲
	CCGT091308-ALU	9.7	9.525	3.97	4.4	0.8											▲
	CCGT120404-ALU	12.9	12.7	4.76	5.5	0.4											▲
	CCGT120408-ALU	12.9	12.7	4.76	5.5	0.8											▲
	CCGT060202-ALM	6.4	6.35	2.38	2.8	0.2											▲
	CCGT060204-ALM	6.4	6.35	2.38	2.8	0.4											▲
	CCGT060208-ALM	6.4	6.35	2.38	2.8	0.8											▲
	CCGT091302-ALM	9.7	9.525	3.97	4.4	0.2											▲
	CCGT091304-ALM	9.7	9.525	3.97	4.4	0.4											▲
	CCGT091308-ALM	9.7	9.525	3.97	4.4	0.8											▲

车削刀片系列 Turning insert

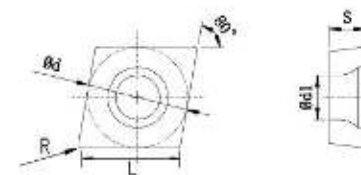
>>> 80° Turning insert (Positive) CC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SA110
	CCMT060204-MD	6.4	6.35	2.38	2.8	0.4	●	▲									
	CCMT060208-MD	6.4	6.35	2.38	2.8	0.8	●	▲									
	CCMT09T304-MD	9.7	9.525	3.97	4.4	0.4	●	▲									
	CCMT09T308-MD	9.7	9.525	3.97	4.4	0.8	●	▲									
	CCMT120404-MD	12.9	12.7	4.76	5.5	0.4	●	▲									
	CCMT120408-MD	12.9	12.7	4.76	5.5	0.8	●	▲									
	CCMT120412-MD	12.9	12.7	4.76	5.5	1.2	●	▲									
	CCMT060202-MP	6.4	6.35	2.38	2.8	0.2			●			▲	▲				
	CCMT060204-MP	6.4	6.35	2.38	2.8	0.4			●			▲	▲				
	CCMT060208-MP	6.4	6.35	2.38	2.8	0.8			●			▲	▲				
	CCMT09T304-MP	9.7	9.525	3.97	4.4	0.4			●			▲	▲				
	CCMT09T308-MP	9.7	9.525	3.97	4.4	0.8			●			▲	▲				
	CCMT120404-MP	12.9	12.7	4.76	5.5	0.4			●			▲	▲				
	CCMT120408-MP	12.9	12.7	4.76	5.5	0.8			●			▲	▲				
	CCMT060204-TM	6.4	6.35	2.38	2.8	0.4			●					▲			
	CCMT060208-TM	6.4	6.35	2.38	2.8	0.8			●					▲			
	CCMT09T304-TM	9.7	9.525	3.97	4.4	0.4			●					▲			
	CCMT09T308-TM	9.7	9.525	3.97	4.4	0.8			●					▲			
	CCMT120404-TM	12.9	12.7	4.76	5.5	0.4			●					▲			
	CCMT120408-TM	12.9	12.7	4.76	5.5	0.8			●					▲			

>>> 80° Turning insert (Positive) CC□□

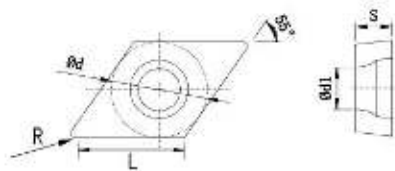


▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SA110
	CCMT09T308-HN	9.7	9.525	3.98	4.4	0.8	●	▲									
	CCMT120408-HN	12.9	12.7	4.76	5.5	0.8	●	▲									

车削刀片系列 Turning insert

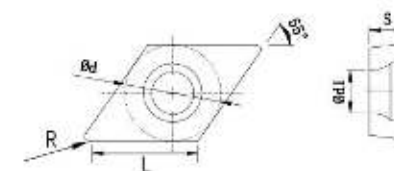
>>> 55° Turning insert (Positive) DC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SAAL10
	DCMT070202-FM	7.8	6.35	2.38	2.8	0.2	▲	●									
	DCMT070204-FM	7.8	6.35	2.38	2.8	0.4	▲	●									
	DCMT111302-FM	11.6	9.525	3.97	4.4	0.2	▲	●									
	DCMT111304-FM	11.6	9.525	3.97	4.4	0.4	▲	●									
	DCMT111308-FM	11.6	9.525	3.97	4.4	0.8	▲	●									
	DCGT070202-FW	7.8	6.35	2.38	2.8	0.2						▲					
	DCGT070204-FW	7.8	6.35	2.38	2.8	0.4						▲					
	DCGT111302-FW	11.6	9.525	3.97	4.4	0.2						▲					
	DCGT111304-FW	11.6	9.525	3.97	4.4	0.4						▲					
	DCGT111308-FW	11.6	9.525	3.97	4.4	0.8						▲					
	DCMT070204-SF	7.8	6.35	2.38	2.8	0.4								▲			
	DCMT111304-SF	11.6	9.525	3.97	4.4	0.4								▲			
	DCMT070204-MS	7.8	6.35	2.38	2.8	0.4							▲				
	DCMT111304-MS	11.6	9.525	3.97	4.4	0.4							▲				
	DCMT111308-MS	11.6	9.525	3.97	4.4	0.8							▲				
	DCMT070204-MG	7.8	6.35	2.38	2.8	0.4			▲								
	DCMT111304-MG	11.6	9.525	3.97	4.4	0.4			▲								
	DCMT070204-MQ	7.8	6.35	2.38	2.8	0.4			▲								
	DCMT111304-MQ	11.6	9.525	3.97	4.4	0.4			▲								
	DCMT111308-MQ	11.6	9.525	3.97	4.4	0.8			▲								

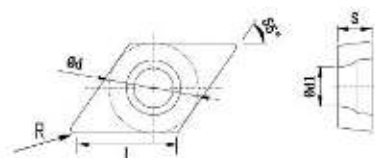
>>> 55° Turning insert (Positive) DC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SAAL10
	DCMT111302R-F	11.6	9.525	3.97	4.4	0.2				▲							
	DCMT111302L-F	11.6	9.525	3.97	4.4	0.2				▲							
	DCMT111304R-F	11.6	9.525	3.97	4.4	0.4				▲							
	DCMT111304L-F	11.6	9.525	3.97	4.4	0.4				▲							
	DCGT070202-ALU	7.8	6.35	2.38	2.8	0.2											▲
	DCGT070204-ALU	7.8	6.35	2.38	2.8	0.4											▲
	DCGT070208-ALU	7.8	6.35	2.38	2.8	0.8											▲
	DCGT111302-ALU	11.6	9.525	3.97	4.4	0.2											▲
	DCGT111304-ALU	11.6	9.525	3.97	4.4	0.4											▲
	DCGT111308-ALU	11.6	9.525	3.97	4.4	0.8											▲
	DCGT070202-ALM	7.8	6.35	2.38	2.8	0.2											▲
	DCGT070204-ALM	7.8	6.35	2.38	2.8	0.4											▲
	DCGT111302-ALM	11.6	9.525	3.97	4.4	0.2											▲
	DCGT111304-ALM	11.6	9.525	3.97	4.4	0.4											▲
	DCGT111308-ALM	11.6	9.525	3.97	4.4	0.8											▲

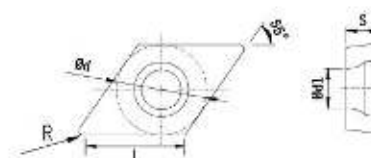
>>> 55° Turning insert (Positive) DC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F					M					K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020		WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010	SALTIC
	DCMT070204-MD	7.8	6.35	2.38	2.8	0.4	▲	●											
	DCMT070208-MD	7.8	6.35	2.38	2.8	0.8	▲	●											
	DCMT11T302-MD	11.6	9.525	3.97	4.4	0.2	▲	●											
	DCMT11T304-MD	11.6	9.525	3.97	4.4	0.4	▲	●											
	DCMT11T308-MD	11.6	9.525	3.97	4.4	0.8	▲	●											
																			
	DCMT070204-MP	7.8	6.35	2.38	2.8	0.4			●				▲		▲				
	DCMT070208-MP	7.8	6.35	2.38	2.8	0.8			●				▲		▲				
	DCMT11T304-MP	11.6	9.525	3.97	4.4	0.4			●				▲		▲				
	DCMT11T308-MP	11.6	9.525	3.97	4.4	0.8			●				▲		▲				
																			
	DCMT070204-TM	7.8	6.35	2.38	2.8	0.4										▲			
	DCMT070208-TM	7.8	6.35	2.38	2.8	0.8										▲			
	DCMT11T304-TM	11.6	9.525	3.97	4.4	0.4										▲			
	DCMT11T308-TM	11.6	9.525	3.97	4.4	0.8										▲			
																			
	DCMT070202-MV	7.8	6.35	2.38	2.8	0.2			●						▲				
	DCMT070204-MV	7.8	6.35	2.38	2.8	0.4			●						▲				
	DCMT070208-MV	7.8	6.35	2.38	2.8	0.8			●						▲				
	DCMT11T304-MV	11.6	9.525	3.97	4.4	0.4			●						▲				
	DCMT11T308-MV	11.6	9.525	3.97	4.4	0.8			●						▲				

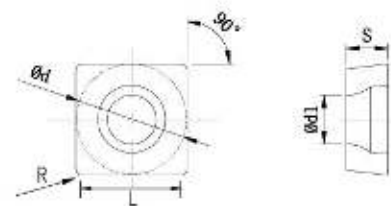
>>> 55° Turning insert (Positive) DC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φD	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
 <																	

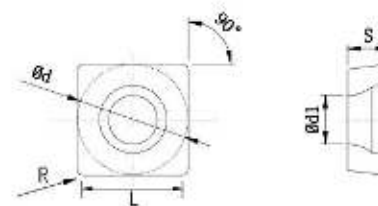
>>> 90° Turning insert (Positive) SC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N	
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010	SALTIC
	SCMT09T304-FM	9.525	9.525	3.97	4.4	0.4	▲											
	SCMT09T308-FM	9.525	9.525	3.97	4.4	0.8	▲											
	SCMT120404-FM	12.7	12.7	4.76	5.5	0.4	▲											
	SCMT120408-FM	12.7	12.7	4.76	5.5	0.8	▲											
	SCMT09T304-MH	9.525	9.525	3.97	4.4	0.4					▲							
	SCMT09T308-MH	9.525	9.525	3.97	4.4	0.8					▲							
	SCMT120404-MH	12.7	12.7	4.76	5.5	0.4					▲							
	SCMT120408-MH	12.7	12.7	4.76	5.5	0.8					▲							
	SCMT09T304-MG	9.525	9.525	3.97	4.4	0.4				▲								
	SCGT09T302-ALU	9.525	9.525	3.97	4.4	0.2												▲
	SCGT09T304-ALU	9.525	9.525	3.97	4.4	0.4												▲
	SCGT09T308-ALU	9.525	9.525	3.97	4.4	0.8												▲
	SCGT120402-ALU	12.7	12.7	4.76	5.5	0.2												▲
	SCGT120404-ALU	12.7	12.7	4.76	5.5	0.4												▲
	SCGT120408-ALU	12.7	12.7	4.76	5.5	0.8												▲

>>> 90° Turning insert (Positive) SC□□



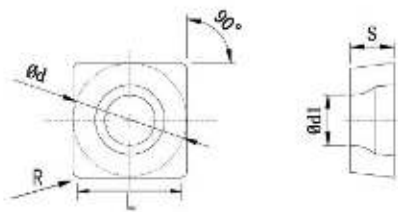
▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					F				M				K	S	N
		L	φD	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
	SCMT09T304-MD	9.525	9.525	3.97	4.4	0.4	●	▲									
	SCMT09T308-MD	9.525	9.525	3.97	4.4	0.8	●	▲									
	SCMT120404-MD	12.7	12.7	4.76	5.5	0.4	●	▲									
	SCMT120408-MD	12.7	12.7	4.76	5.5	0.8	●	▲									
	SCMT09T304-TM	9.525	9.525	3.97	4.4	0.4									▲		
	SCMT09T308-TM	9.525	9.525	3.97	4.4	0.8									▲		
	SCMT120404-TM	12.7	12.7	4.76	5.5	0.4									▲		
	SCMT120408-TM	12.7	12.7	4.76	5.5	0.8									▲		
	SCMT120412-TM	12.7	12.7	4.76	5.5	1.2									▲		
	SCMT09T304-MP	9.525	9.525	3.97	4.4	0.4			●					▲			
	SCMT09T308-MP	9.525	9.525	3.97	4.4	0.8			●					▲			
	SCMT120404-MP	12.7	12.7	4.76	5.5	0.4			●					▲			
	SCMT120408-MP	12.7	12.7	4.76	5.5	0.8			●					▲			

车削刀片系列 Turning insert



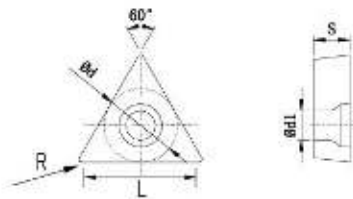
>>> 90° Turning insert (Positive) SC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
	SCMT09T308-IIN	9.525	9.525	3.97	4.4	0.8	●	▲									
	SCMT120408-IIN	12.7	12.7	4.76	5.5	0.8	●	▲									
	SCMT120412-IIN	12.7	12.7	4.76	5.5	1.2	●	▲									
粗加工 Roughing																	
精加工 Finishing																	

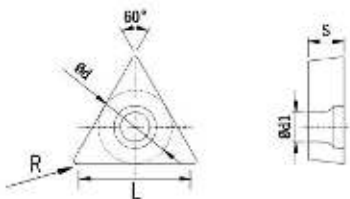
>>> 60° Turning insert (Positive) TC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
	TCMT090204-FM	9.6	5.56	2.38	2.5	0.4	▲	●									
	TCMT110204-FM	11	6.35	2.38	2.8	0.4	▲	●									
	TCMT110208-FM	11	6.35	2.38	2.8	0.8	▲	●									
粗加工 Roughing	TCMT16T304-FM	16.5	9.525	3.97	4.4	0.4	▲	●									
	TCMT16T308-FM	16.5	9.525	3.97	4.4	0.8	▲	●									
精加工 Finishing	TCMT090204-MH	9.6	5.56	2.38	2.5	0.4					▲						
	TCMT110204-MH	11	6.35	2.38	2.8	0.4					▲						
	TCMT110208-MH	11	6.35	2.38	2.8	0.8					▲						
粗加工 Roughing	TCMT16T304-MH	16.5	9.525	3.97	4.4	0.4					▲						
	TCMT16T308-MH	16.5	9.525	3.97	4.4	0.8					▲						
精加工 Finishing	TCMT110204-MS	11	6.35	2.38	2.8	0.4							▲				
	TCMT16T304-MS	16.5	9.525	3.97	4.4	0.4							▲				
粗加工 Roughing	TCMT110204-MG	11	6.35	2.38	2.8	0.4				▲							
精加工 Finishing	TCGT110202R-W	11	6.35	2.38	2.8	0.2				▲							
	TCGT110202L-W	11	6.35	2.38	2.8	0.2				▲							
	TCGT110204R-W	11	6.35	2.38	2.8	0.4				▲							
粗加工 Roughing	TCGT110204L-W	11	6.35	2.38	2.8	0.4				▲							
精加工 Finishing	TCGT090202-ALU	9.6	5.56	2.38	2.5	0.2											▲
	TCGT090204-ALU	9.6	5.56	2.38	2.5	0.4											▲
	TCGT090208-ALU	9.6	5.56	2.38	2.5	0.8											▲
粗加工 Roughing	TCGT110202-ALU	11	6.35	2.38	2.8	0.2											▲
	TCGT110204-ALU	11	6.35	2.38	2.8	0.4											▲
	TCGT110208-ALU	11	6.35	2.38	2.8	0.8											▲
精加工 Finishing	TCGT16T302-ALU	16.5	9.525	3.97	4.4	0.2											▲
	TCGT16T304-ALU	16.5	9.525	3.97	4.4	0.4											▲
	TCGT16T308-ALU	16.5	9.525	3.97	4.4	0.8											▲

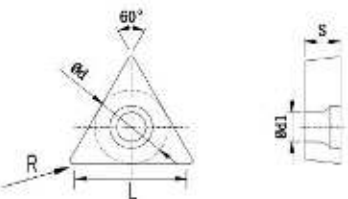
>>> 60° Turning insert (Positive) TC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SA1110
	TCMT090204-MD	9.6	5.56	2.38	2.5	0.4	●	▲									
	TCMT090208-MD	9.6	5.56	2.38	2.5	0.8	●	▲									
	TCMT110204-MD	11	6.35	2.38	2.8	0.4	●	▲									
	TCMT110208-MD	11	6.35	2.38	2.8	0.8	●	▲									
	TCMT16T304-MD	16.5	9.525	3.97	4.4	0.4	●	▲									
	TCMT16T308-MD	16.5	9.525	3.97	4.4	0.8	●	▲									
	TCMT090204-MP	9.6	5.56	2.38	2.5	0.4			●			▲		▲			
	TCMT090208-MP	9.6	5.56	2.38	2.5	0.8			●			▲		▲			
	TCMT110204-MP	11	6.35	2.38	2.8	0.4			●			▲		▲			
	TCMT110208-MP	11	6.35	2.38	2.8	0.8			●			▲		▲			
	TCMT16T304-MP	16.5	9.525	3.97	4.4	0.4			●			▲		▲			
	TCMT16T308-MP	16.5	9.525	3.97	4.4	0.8			●			▲		▲			
	TCMT090204-TM	9.6	5.56	2.38	2.5	0.4			●					▲			
	TCMT090208-TM	9.6	5.56	2.38	2.5	0.8			●					▲			
	TCMT110204-TM	11	6.35	2.38	2.8	0.4			●					▲			
	TCMT110208-TM	11	6.35	2.38	2.8	0.8			●					▲			
	TCMT16T304-TM	16.5	9.525	3.97	4.4	0.4			●					▲			
	TCMT16T308-TM	16.5	9.525	3.97	4.4	0.8			●					▲			
	TCMT16T312-TM	16.5	9.525	3.97	4.4	1.2			●					▲			

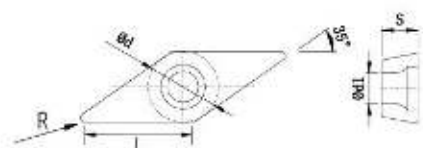
>>> 60° Turning insert (Positive) TC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS6080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	SA1110
	TCMT16T308-11N	16.5	9.525	3.97	4.4	0.8	●	▲									

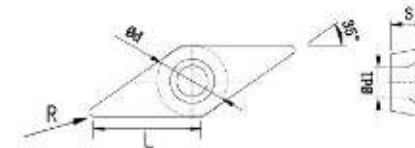
>>> 35° Turning insert (Positive) VB□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φD	S	φd1	R	WS2010	WS2020	WS4080	WS7020	WS9010	WS9020	WS9050	WS9080	WSA010	WSA010	WSA010
	VBMT110302-FM	11	6.35	3.18	2.8	0.2	▲	●									
	VBMT110304-FM	11	6.35	3.18	2.8	0.4	▲	●									
	VBMT110308-FM	11	6.35	3.18	2.8	0.8	▲	●									
	VBMT160404-FM	16.5	9.525	4.76	4.4	0.4	▲	●									
	VBMT160408-FM	16.5	9.525	4.76	4.4	0.8	▲	●									
	VBGT110302-FW	11	6.35	3.18	2.8	0.2							▲				
	VBGT110304-FW	11	6.35	3.18	2.8	0.4							▲				
	VBGT110308-FW	11	6.35	3.18	2.8	0.8							▲				
	VBGT160404-FW	16.5	9.525	4.76	4.4	0.4							▲				
	VBGT160408-FW	16.5	9.525	4.76	4.4	0.8							▲				
	VBMT110304-MQ	11	6.35	3.18	2.8	0.4			▲								
	VBMT160404-MQ	16.5	9.525	4.76	4.4	0.4			▲								
	VBMT160408-MQ	16.5	9.525	4.76	4.4	0.8			▲								
	VBMT160404-MG	16.5	9.525	4.76	4.4	0.4			▲								
	VBMT160408-MG	16.5	9.525	4.76	4.4	0.8			▲								
	VBGT110302R-F	11	6.35	3.18	2.8	0.2			▲								
	VBGT110302L-F	11	6.35	3.18	2.8	0.2			▲								
	VBGT110304R-F	11	6.35	3.18	2.8	0.4			▲								
	VBGT110304L-F	11	6.35	3.18	2.8	0.4			▲								
	VBGT160402R-F	16.5	9.525	4.76	4.4	0.2			▲								
	VBGT160402L-F	16.5	9.525	4.76	4.4	0.2			▲								
	VBGT160404R-F	16.5	9.525	4.76	4.4	0.4			▲								
	VBGT160404L-F	16.5	9.525	4.76	4.4	0.4			▲								
	VBGT110302R-Y	11	6.35	3.18	2.8	0.2			▲								
	VBGT110302L-Y	11	6.35	3.18	2.8	0.2			▲								
	VBGT110304R-Y	11	6.35	3.18	2.8	0.4			▲								
	VBGT110304L-Y	11	6.35	3.18	2.8	0.4			▲								
	VBGT160402R-Y	16.5	9.525	4.76	4.4	0.2			▲								
	VBGT160402L-Y	16.5	9.525	4.76	4.4	0.2			▲								
	VBGT160404R-Y	16.5	9.525	4.76	4.4	0.4			▲								
	VBGT160404L-Y	16.5	9.525	4.76	4.4	0.4			▲								

>>> 35° Turning insert (Positive) VB□□

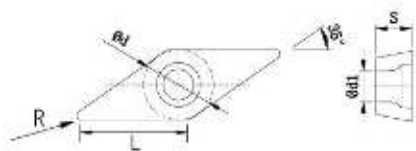


▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φD	S	φd1	R	WS2010	WS2020	WS4080	WS7020	WS9010	WS9020	WS9050	WS9080	WSA010	WSA010	WSA010
	VBGT110302-ALU	11	6.35	3.18	2.8	0.2											▲
	VBGT110304-ALU	11	6.35	3.18	2.8	0.4											▲
	VBGT110308-ALU	11	6.35	3.18	2.8	0.8											▲
	VBGT160402-ALU	16.5	9.525	4.76	4.4	0.2											▲
	VBGT160404-ALU	16.5	9.525	4.76	4.4	0.4											▲
	VBGT160408-ALU	16.5	9.525	4.76	4.4	0.8											▲
	VBGT110302-ALM	11	6.35	3.18	2.8	0.2											▲
	VBGT110304-ALM	11	6.35	3.18	2.8	0.4											▲
	VBGT110308-ALM	11	6.35	3.18	2.8	0.8											▲
	VBGT160402-ALM	16.5	9.525	4.76	4.4	0.2											▲
	VBGT160404-ALM	16.5	9.525	4.76	4.4	0.4											▲
	VBGT160408-ALM	16.5	9.525	4.76	4.4	0.8											▲

车削刀片系列 Turning insert

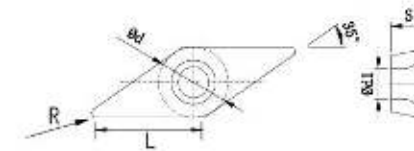
>>> 35° Turning insert (Positive) VB□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WSZ010	WSZ020	WSA080	WSZ020	WSZ010	WSZ020	WSZ050	WSZ080	WSA010	WSA010	WSA010
	VBMT110304-MD	11	6.35	3.18	2.8	0.4	●	▲									
	VBMT110308-MD	11	6.35	3.18	2.8	0.8	●	▲									
	VBMT160404-MD	16.5	9.525	4.76	4.4	0.4	●	▲									
	VBMT160408-MD	16.5	9.525	4.76	4.4	0.8	●	▲									
	VBMT110304-TM	11	6.35	3.18	2.8	0.4			●					▲			
	VBMT110308-TM	11	6.35	3.18	2.8	0.8			●					▲			
	VBMT160404-TM	16.5	9.525	4.76	4.4	0.4			●					▲			
	VBMT160408-TM	16.5	9.525	4.76	4.4	0.8			●					▲			
	VBMT160412-TM	16.5	9.525	4.76	4.4	1.2			●					▲			
	VBMT110304-MP	11	6.35	3.18	2.8	0.4			●					▲			
	VBMT110308-MP	11	6.35	3.18	2.8	0.8			●					▲			
	VBMT160404-MP	16.5	9.525	4.76	4.4	0.4			●					▲			
	VBMT160408-MP	16.5	9.525	4.76	4.4	0.8			●					▲			

>>> 35° Turning insert (Positive) VB□□

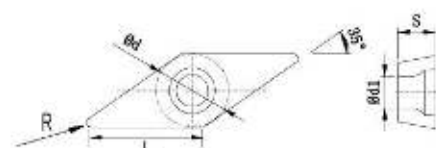


▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WSZ010	WSZ020	WSA080	WSZ020	WSZ010	WSZ020	WSZ050	WSZ080	WSA010	WSA010	WSA010
	VBMT160404-HN	16.5	9.525	4.76	4.4	0.4	●	▲									
	VBMT160408-HN	16.5	9.525	4.76	4.4	0.8	●	▲									
	VBMT160412-HN	16.5	9.525	4.76	4.4	1.2	●	▲									

车削刀片系列 Turning insert

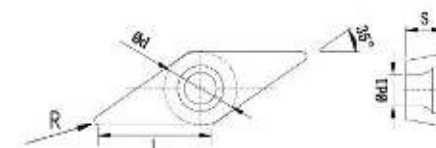
>>> 35° Turning insert (Positive) VC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS4080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
	VCMT110302-FM	11	6.35	3.18	2.8	0.2	▲	●									
	VCMT110304-FM	11	6.35	3.18	2.8	0.4	▲	●									
	VCMT110308-FM	11	6.35	3.18	2.8	0.8	▲	●									
	VCMT160404-FM	16.5	9.525	4.76	4.4	0.4	▲	●									
	VCMT160408-FM	16.5	9.525	4.76	4.4	0.8	▲	●									
	VCMT110302-FW	11	6.35	3.18	2.8	0.2							▲				
	VCMT110304-FW	11	6.35	3.18	2.8	0.4							▲				
	VCMT110308-FW	11	6.35	3.18	2.8	0.8							▲				
	VCMT160404-FW	16.5	9.525	4.76	4.4	0.4							▲				
	VCMT160408-FW	16.5	9.525	4.76	4.4	0.8							▲				
	VCMT110304-MQ	11	6.35	3.18	2.8	0.4				▲							
	VCMT160404-MQ	16.5	9.525	4.76	4.4	0.4				▲							
	VCMT160408-MQ	16.5	9.525	4.76	4.4	0.8				▲							
	VCMT160404-MG	16.5	9.525	4.76	4.4	0.4				▲							
	VCMT160408-MG	16.5	9.525	4.76	4.4	0.8				▲							
	VCMT110302R-F	11	6.35	3.18	2.8	0.2				▲							
	VCMT110302L-F	11	6.35	3.18	2.8	0.2				▲							
	VCMT110304R-F	11	6.35	3.18	2.8	0.4				▲							
	VCMT110304L-F	11	6.35	3.18	2.8	0.4				▲							
	VCMT160402R-F	16.5	9.525	4.76	4.4	0.2				▲							
	VCMT160402L-F	16.5	9.525	4.76	4.4	0.2				▲							
	VCMT160404R-F	16.5	9.525	4.76	4.4	0.4				▲							
	VCMT160404L-F	16.5	9.525	4.76	4.4	0.4				▲							
	VCMT110302R-Y	11	6.35	3.18	2.8	0.2				▲							
	VCMT110302L-Y	11	6.35	3.18	2.8	0.2				▲							
	VCMT110304R-Y	11	6.35	3.18	2.8	0.4				▲							
	VCMT110304L-Y	11	6.35	3.18	2.8	0.4				▲							
	VCMT160402R-Y	16.5	9.525	4.76	4.4	0.2				▲							
	VCMT160402L-Y	16.5	9.525	4.76	4.4	0.2				▲							
	VCMT160404R-Y	16.5	9.525	4.76	4.4	0.4				▲							
	VCMT160404L-Y	16.5	9.525	4.76	4.4	0.4				▲							
	VCMT160404R-Y	16.5	9.525	4.76	4.4	0.4				▲							
	VCMT160404L-Y	16.5	9.525	4.76	4.4	0.4				▲							

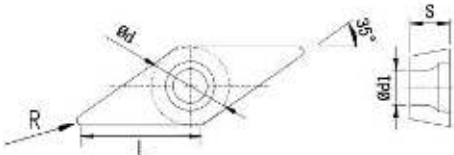
>>> 35° Turning insert (Positive) VC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WS2010	WS2020	WS4080	WS7020	WS9010	WS9020	WS9050	WS9080	WS6010	WS3010	WS4010
	VCCT110302-ALU	11	6.35	3.18	2.8	0.2											▲
	VCCT110304-ALU	11	6.35	3.18	2.8	0.4											▲
	VCCT110308-ALU	11	6.35	3.18	2.8	0.8											▲
	VCCT160402-ALU	16.5	9.525	4.76	4.4	0.2											▲
	VCCT160404-ALU	16.5	9.525	4.76	4.4	0.4											▲
	VCCT160408-ALU	16.5	9.525	4.76	4.4	0.8											▲
	VCCT110302-ALM	11	6.35	3.18	2.8	0.2											▲
	VCCT110304-ALM	11	6.35	3.18	2.8	0.4											▲
	VCCT110308-ALM	11	6.35	3.18	2.8	0.8											▲
	VCCT160402-ALM	16.5	9.525	4.76	4.4	0.2											▲
	VCCT160404-ALM	16.5	9.525	4.76	4.4	0.4											▲
	VCCT160408-ALM	16.5	9.525	4.76	4.4	0.8											▲
	VCCT160404-ALM	16.5	9.525	4.76	4.4	0.4											▲
	VCCT160408-ALM	16.5	9.525	4.76	4.4	0.8											▲
	VCCT160404-ALM	16.5	9.525	4.76	4.4	0.4											▲
	VCCT160408-ALM	16.5	9.525	4.76	4.4	0.8											▲

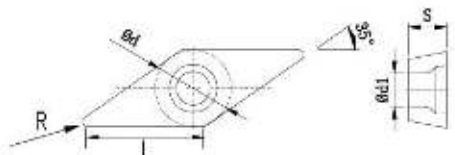
>>> 35° Turning insert (Positive) VC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WSZ010	WSZ020	WSZ080	WSZ020	WSZ010	WSZ020	WSZ080	WSZ010	WSZ020	WSZ080	WSZ010
	VCMT110304-MD	11	6.35	3.18	2.8	0.4	●	▲									
	VCMT110308-MD	11	6.35	3.18	2.8	0.8	●	▲									
	VCMT160404-MD	16.5	9.525	4.76	4.4	0.4	●	▲									
	VCMT160408-MD	16.5	9.525	4.76	4.4	0.8	●	▲									
	VCMT110304-TM	11	6.35	3.18	2.8	0.4			●					▲			
	VCMT110308-TM	11	6.35	3.18	2.8	0.8			●					▲			
	VCMT160404-TM	16.5	9.525	4.76	4.4	0.4			●					▲			
	VCMT160408-TM	16.5	9.525	4.76	4.4	0.8			●					▲			
	VCMT160412-TM	16.5	9.525	4.76	4.4	1.2			●					▲			
	VCMT110304-MP	11	6.35	3.18	2.8	0.4			●		▲		▲				
	VCMT110308-MP	11	6.35	3.18	2.8	0.8			●		▲		▲				
	VCMT160404-MP	16.5	9.525	4.76	4.4	0.4			●		▲		▲				
	VCMT160408-MP	16.5	9.525	4.76	4.4	0.8			●		▲		▲				

>>> 35° Turning insert (Positive) VC□□



▲ 为第一推荐牌号 Recommended grade
● 为第二推荐牌号 Optional grade

刀片形状 Insert Shape	型号 Designation	尺寸 Size					P				M				K	S	N
		L	φd	S	φd1	R	WSZ010	WSZ020	WSZ080	WSZ020	WSZ010	WSZ020	WSZ080	WSZ010	WSZ020	WSZ080	WSZ010
	VCMT160404-HN	16.5	9.525	4.76	4.4	0.4	●	▲									
	VCMT160408-HN	16.5	9.525	4.76	4.4	0.8	●	▲									
	VCMT160412-HN	16.5	9.525	4.76	4.4	1.2	●	▲									

快进给系列



刀体采用进口SKD61材料，淬火后加工；
快进给， f_z 可达到0.5-1.0mm/rev；
切深0.2-1.0mm，线速度80-250m/min；
刃口锋利，加工光洁度高；
双面刀片设计，经济性好；刀片周边全磨，精度高；

材料应用 Application grade

WS6080

TiN PVD涂层，钢件铣削首选。高金属去除率，可获得极佳生产效率和刀具使用寿命。
TiN PVD coated, yellow color, first choice for steel milling.
High metal removal rate, achieves high productivity and tool life.



WS9080

TiAlN PVD涂层，不锈钢铣削首选。高金属去除率下确保铣削的安全性。也可以用于大部分钢件和铸铁的加工。
TiAlN PVD coated, black color, first choice for stainless steel. Safety milling in high metal removal condition. Also be used to most steel and cast iron machining.



WS8080

SiTiNO PVD涂层，多层涂层，古铜色，适用于不锈钢和低碳钢的粗加工到半精加工。
SiTiNO PVD coating combined with high-resistant substrates, multi-layer coating, copper color, suitable for stainless steel & low carbon steel in roughing to semi-finishing.



SMU10

无涂层，表面抛光处理可降低积屑瘤，从而获得高表面质量。适于铝、镁、铜、黄铜等的精加工到粗加工，最高铝合金加工线速度的牌号。
Uncoated grade, Surface polishing process can reduce BUE, achieves high surface quality. Suitable for aluminum, magnesium, copper, brass finishing to roughing processing. Highest cutting speed grade for aluminum.



A
车削刀具
Turning tool holder

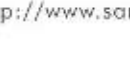
B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻削刀具
Drill tool holder

E
硬质合金刀具
Carbide tools

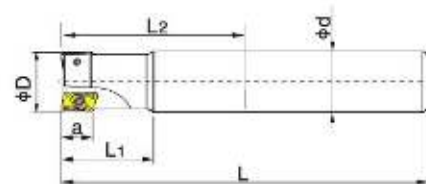
>>> 铣刀片系列 Milling insert series

A 车削刀具 Turning tool holder	B 硬质合金刀片 Carbide insert	C 铣削刀具 Milling tool holder	D 钻头 Drill tool holder	E 硬质合金刀具 Carbide tools	图片 Picture	型号 Designation	涂层 Coating					刀杆 Tool holder
							WS6080	WS9080	WS5080	WS8080	SMU10	
						APMT1135PDER-M2	●	●		●	○	EAP300R/RAP300R
						APMT1604PDER-M2	●	●		●	○	EAP400R/RAP400R
						APMT1135PDER-H2	●	●		●	○	EAP300R/RAP300R
						APMT1604PDER-H2	●	●		●	○	EAP400R/RAP400R
						APMT1135PDER-DL	●	●		●		EAP300R/RAP300R
						APMT1604PDER-DL	●	●		●		EAP400R/RAP400R
						APMT1135PDER-HH	●		●			EAP300R/RAP300R
						APMT1604PDER-HH	●		●			EAP400R/RAP400R
						APMT1135PDER-PM	●	●		●		EAP300R/RAP300R
						APMT1604PDER-PM	●	●		●		EAP400R/RAP400R
						APMT1135PDER-MM	●		●			EAP300R/RAP300R
						APMT1604PDER-MM	●		●			EAP400R/RAP400R
						APMT1135PDER-FM	●	●		●		EAP300R/RAP300R
						APMT1604PDER-FM	●	●		●		EAP400R/RAP400R
						APMT160404	●	●		●		
						APMT160412	●	●		●		
						APMT160416	●	●		●		EAP400R/RAP400R
						APMT160420	●	●		●		
						APMT160430	●	●		●		
						APMT1135PDER-ALU					●	EAP300R/RAP300R
						APKT1135PDER-ALU					●	EAP300R/RAP300R
						APKT1604PDER-ALU					●	EAP400R/RAP400R
						APMT1604PDER-ALU					●	EAP400R/RAP400R
						RDMT0803-MZ	●		●			TRS4R
						RDMT10T3-MZ	●		●			TRS5R
						RDMT1204-MZ	●		●			TRS6R
						RDMT1606-MZ	●		●			TRS8R
						RDMT0803-TM	●		●			TRS4R
						RDMT10T3-TM	●		●			TRS5R
						RDMT1204-TM	●		●			TRS6R

>>> 铣刀片系列 Milling insert series

A 车削刀具 Turning tool holder	B 硬质合金刀片 Carbide insert	C 铣削刀具 Milling tool holder	D 钻头 Drill tool holder	E 硬质合金刀具 Carbide tools	图片 Picture	型号 Designation	涂层 Coating					刀杆 Tool holder
							WS6080	WS9080	WS5080	WS8080	SMU10	
						RDMT08T2-MI	●		●			EMR4R
						RDMT10T3-MI	●		●			EMR5R
						RDMT1204-MI	●		●			EMR6R
						WDMT06T320ZER-MT	●		●			SKS06
						WDMT080320ZER-MT	●		●			SKS08
						WNMU080608PTN	●	●		●		MFVN900R
						LOGU030310-H	○	●		○		MFH03R
						BLMP0603R-HH						
						BLMP0603R-ML						BLMP0603R
						LNMU0303ZER-MJ						EXN03R
						ANKX090408-H						
						ANKX120508-H						
						ANKX120510-H						
						ANKX120520-H						H-SASF90
						ANKX170608-H						
						ANKX170616-H						
						ANKX170620-H						
						SNMU150515-H						H-SOSF45
						ONMU060506-H						H-SOSF45
						4NKT060308-RM						
						4NKT060316-RM						4NTE90
						4NKT060320-RM						
						JDMT070204R						
						JDMT070208R						ESE

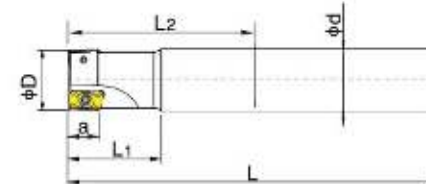
>>> EAP直角台肩铣刀 EAP Right angle shoulder end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	EAP300R-C10-D10-100L-1T	1	10	10	100	9
	EAP300R-C10-D10-120L-1T	1	10	10	120	9
	EAP300R-C10-D11-120L-1T	1	10	11	120	9
	FAP300R-C12-D12-130L-1T	1	12	12	130	9
	EAP300R-C12-D12-150L-1T	1	12	12	150	9
	EAP300R-C12-D13-130L-1T	1	12	13	130	9
	FAP300R-C12-D13-150L-1T	1	12	13	150	9
	EAP300R-C14-D14-120L-2T	2	14	14	120	9
	EAP300R-C14-D14-160L-2T	2	14	14	160	9
	FAP300R-C14-D15-160L-2T	2	14	15	160	9
	EAP300R-C15-D16-120L-2T	2	16	16	120	9
	EAP300R-C15-D16-160L-2T	2	16	16	160	9
	FAP300R-C15-D16-200L-2T	2	16	16	200	9
	EAP300R-C16-D16-120L-2T	2	16	16	120	9
	EAP300R-C16-D16-160L-2T	2	16	16	160	9
	EAP300R-C16-D16-200L-2T	2	16	16	200	9
	EAP300R-C16-D16-250L-2T	2	16	16	250	9
	FAP300R-C16-D17-120L-2T	2	16	17	120	9
	EAP300R-C16-D17-160L-2T	2	16	17	160	9
	EAP300R-C16-D17-200L-2T	2	16	17	200	9
	FAP300R-C16-D17-250L-2T	2	16	17	250	9
	EAP300R-C16-D18-160L-2T	2	16	18	160	9
	EAP300R-C16-D18-200L-2T	2	16	18	200	9
	FAP300R-C16-D18-250L-2T	2	16	18	250	9
	EAP300R-C19-D19-160L-2T	2	19	19	160	9
	EAP300R-C19-D19-200L-2T	2	19	19	200	9
	FAP300R-C19-D20-160L-2T	2	19	19	160	9
	EAP300R-C19-D20-200L-2T	2	19	19	200	9
	EAP300R-C19-D20-250L-2T	2	19	19	250	9
	EAP300R-C20-D20-160L-2T	2	20	20	160	9
	EAP300R-C20-D20-200L-2T	2	20	20	200	9
	EAP300R-C20-D20-250L-2T	2	20	20	250	9
	EAP300R-C20-D21-160L-2T	2	20	21	160	9
	EAP300R-C20-D21-200L-2T	2	20	21	200	9
	FAP300R-C20-D21-250L-2T	2	20	21	250	9
	EAP300R-C20-D20-160L-3T	3	20	20	160	9
	EAP300R-C20-D20-200L-3T	3	20	20	200	9
	EAP300R-C20-D21-160L-3T	3	20	21	160	9
	EAP300R-C20-D21-200L-3T	3	20	21	200	9
	EAP300R-C20-D22-160L-3T	3	20	22	160	9
	EAP300R-C20-D22-200L-3T	3	20	22	200	9



>>> EAP直角台肩铣刀 EAP Right angle shoulder end mill

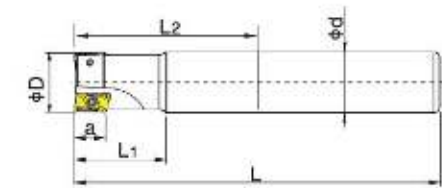


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	EAP300R-C20-D23-160L-3T	3	20	23	160	9
	EAP300R-C20-D23-200L-3T	3	20	23	200	9
	EAP300R-C25-D25-150L-3T	3	25	25	150	9
	FAP300R-C25-D25-200L-3T	3	25	25	200	9
	EAP300R-C25-D25-250L-3T	3	25	25	250	9
	EAP300R-C25-D25-300L-3T	3	25	25	300	9
	FAP300R-C25-D26-150L-3T	3	25	26	150	9
	EAP300R-C25-D26-200L-3T	3	25	26	200	9
	EAP300R-C25-D26-250L-3T	3	25	26	250	9
	EAP300R-C25-D26-300L-3T	3	25	26	300	9
	EAP300R-C25-D30-150L-4T	4	25	30	150	9
	EAP300R-C25-D30-200L-4T	4	25	30	200	9

配件 Spare Parts

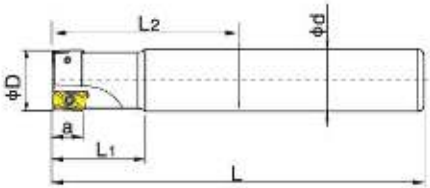
型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
EAP300R	APMT1135	M2.5X6	T8
EAP400R	APMT1604	M4.0X9	T15

>>> EAP直角台肩铣刀 EAP Right angle shoulder end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	EAP400R-C24-D25-160L-2T	2	24	25	160	14
	EAP400R-C24-D25-200L-2T	2	24	25	200	14
	EAP400R-C24-D25-250L-2T	2	24	25	250	14
	EAP400R-C24-D25-300L-2T	2	24	25	300	14
	EAP400R-C25-D25-160L-2T	2	25	25	160	14
	EAP400R-C25-D25-200L-2T	2	25	25	200	14
	EAP400R-C25-D25-250L-2T	2	25	25	250	14
	EAP400R-C25-D25-300L-2T	2	25	25	300	14
	EAP400R-C25-D26-160L-2T	2	25	26	160	14
	EAP400R-C25-D26-200L-2T	2	25	26	200	14
	EAP400R-C25-D26-250L-2T	2	25	26	250	14
	EAP400R-C25-D26-300L-2T	2	25	26	300	14
	EAP400R-C25-D30-150L-2T	2	25	30	150	14
	EAP400R-C25-D30-200L-2T	2	25	30	200	14
	EAP400R-C25-D30-250L-2T	2	25	30	250	14
	EAP400R-C25-D30-300L-2T	2	25	30	300	14
	EAP400R-C25-D32-150L-2T	2	25	32	150	14
	EAP400R-C25-D32-200L-2T	2	25	32	200	14
	EAP400R-C25-D32-250L-2T	2	25	32	250	14
	EAP400R-C25-D32-300L-2T	2	25	32	300	14
	EAP400R-C32-D32-150L-2T	2	32	32	150	14
	EAP400R-C32-D32-200L-2T	2	32	32	200	14
	EAP400R-C32-D32-250L-2T	2	32	32	250	14
	EAP400R-C32-D32-300L-2T	2	32	32	300	14
	EAP400R-C32-D32-350L-2T	2	32	32	350	14
	EAP400R-C32-D33-150L-2T	2	32	33	150	14
	EAP400R-C32-D33-200L-2T	2	32	33	200	14
	EAP400R-C32-D33-250L-2T	2	32	33	250	14
	EAP400R-C32-D33-300L-2T	2	32	33	300	14
	EAP400R-C32-D33-350L-2T	2	32	33	350	14
	EAP400R-C32-D35-150L-2T	2	32	35	150	14
	EAP400R-C32-D35-200L-2T	2	32	35	200	14

>>> EAP直角台肩铣刀 EAP Right angle shoulder end mill

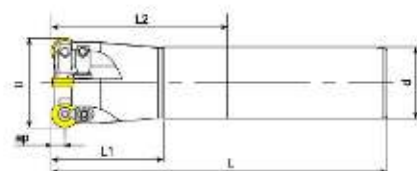


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	EAP400R-C32-D35-250L-2T	2	32	35	250	14
	EAP400R-C32-D35-300L-2T	2	32	35	300	14
	EAP400R-C32-D35-350L-2T	2	32	35	350	14
	EAP400R-C32-D40-150L-2T	2	32	40	150	14
	EAP400R-C32-D40-200L-2T	2	32	40	200	14
	EAP400R-C32-D40-250L-2T	2	32	40	250	14
	EAP400R-C32-D40-300L-2T	2	32	40	300	14
	EAP400R-C32-D40-350L-2T	2	32	40	350	14

配件 Spare Parts

型号 Designation	刀片 Insert	 螺丝 Screw	 扳手 Wrench
EAP300R	APMT1135	M2.5X6	T8
EAP400R	APMT1604	M4.0X9	T15

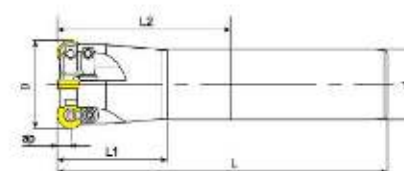
>>> TRS圆鼻立铣刀 TRS Round nose end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			φ	D	L	ap
	TRS4R-C10-D10-120L-1T	1	10	10	120	4
	TRS4R-C12-D12-130L-1T	1	12	12	130	4
	TRS4R-C12-D13-130L-1T	1	12	13	130	4
	TRS4R-C16-D16-120L-2T	2	16	16	120	4
	TRS4R-C16-D16-160L-2T	2	16	16	160	4
	TRS4R-C16-D16-200L-2T	2	16	16	200	4
	TRS4R-C16-D17-120L-2T	2	16	17	120	4
	TRS4R-C16-D17-160L-2T	2	16	17	160	4
	TRS4R-C16-D17-200L-2T	2	16	17	200	4
	TRS4R-C19-D20-150L-2T	2	19	20	150	4
	TRS4R-C19-D20-200L-2T	2	19	20	200	4
	TRS4R-C19-D20-250L-2T	2	19	20	250	4
	TRS4R-C20-D20-150L-2T	2	20	20	150	4
	TRS4R-C20-D20-200L-2T	2	20	20	200	4
	TRS4R-C20-D20-250L-2T	2	20	20	250	4
	TRS4R-C20-D21-150L-2T	2	20	21	150	4
	TRS4R-C20-D21-200L-2T	2	20	21	200	4
	TRS4R-C20-D21-250L-2T	2	20	21	250	4
	TRS5R-C19-D20-150L-2T	2	19	20	150	5
	TRS5R-C19-D20-200L-2T	2	19	20	200	5
	TRS5R-C19-D20-250L-2T	2	19	20	250	5
	TRS5R-C20-D20-150L-2T	2	20	20	150	5
	TRS5R-C20-D20-200L-2T	2	20	20	200	5
	TRS5R-C20-D20-250L-2T	2	20	20	250	5
	TRS5R-C20-D21-150L-2T	2	20	21	150	5
	TRS5R-C20-D21-200L-2T	2	20	21	200	5
	TRS5R-C20-D21-250L-2T	2	20	21	250	5
	TRS5R-C24-D25-150L-2T	2	24	25	150	5
	TRS5R-C24-D25-200L-2T	2	24	25	200	5
	TRS5R-C24-D25-250L-2T	2	24	25	250	5
	TRS5R-C25-D25-150L-2T	2	25	25	150	5
	TRS5R-C25-D25-200L-2T	2	25	25	200	5
	TRS5R-C25-D25-250L-2T	2	25	25	250	5
	TRS5R-C25-D26-150L-2T	2	25	26	150	5
	TRS5R-C25-D26-200L-2T	2	25	26	200	5
	TRS5R-C25-D26-250L-2T	2	25	26	250	5
	TRS5R-C25-D30-150L-2T	2	25	30	150	5
	TRS5R-C25-D30-200L-2T	2	25	30	200	5
	TRS5R-C25-D30-250L-2T	2	25	30	250	5
	TRS5R-C32-D35-150L-3T	3	32	35	150	5
	TRS5R-C32-D35-200L-3T	3	32	35	200	5



>>> TRS圆鼻立铣刀 TRS Round nose end mill



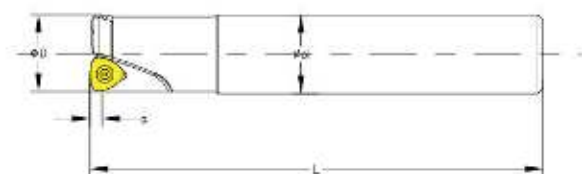
图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	TRS5R-C32-D35-250L-3T	3	32	35	250	5
	TRS5R-C32-D35-300L-3T	3	32	35	300	5
	TRS5R-C32-D40-200L-3T	3	32	40	200	5
	TRS5R-C32-D40-250L-3T	3	32	40	250	5
	TRS5R-C32-D40-300L-3T	3	32	40	300	5
	TRS5R-C32-D40-350L-3T	3	32	40	350	5
	TRS5R-C25-D30-150L-2T	2	25	30	150	6
	TRS5R-C25-D30-200L-2T	2	25	30	200	6
	TRS5R-C25-D30-250L-2T	2	25	30	250	6
	TRS5R-C32-D32-150L-2T	2	32	32	150	6
	TRS5R-C32-D32-200L-2T	2	32	32	200	6
	TRS5R-C32-D32-250L-2T	2	32	32	250	6
	TRS5R-C32-D32-300L-2T	2	32	32	300	6
	TRS5R-C32-D33-150L-2T	2	32	33	150	6
	TRS5R-C32-D33-200L-2T	2	32	33	200	6
	TRS5R-C32-D33-250L-2T	2	32	33	250	6
	TRS5R-C32-D33-300L-2T	2	32	33	300	6
	TRS5R-C32-D35-150L-3T	3	32	35	150	6
	TRS5R-C32-D35-200L-3T	3	32	35	200	6
	TRS5R-C32-D35-250L-3T	3	32	35	250	6
	TRS5R-C32-D35-300L-3T	3	32	35	300	6
	TRS5R-C32-D40-200L-3T	3	32	40	200	6
	TRS5R-C32-D40-250L-3T	3	32	40	250	6
	TRS5R-C32-D40-300L-3T	3	32	40	300	6
	TRS5R-C32-D40-350L-3T	3	32	40	350	6



配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
TRS4R	RDMT0802	M3.0X7	T8
TRS5R	RDMT1003	M4.0X9	T15
TRS6R	RDMT1204	M4.0X9	T15

>>> SKS快进给立铣刀 SKS High feed end mill

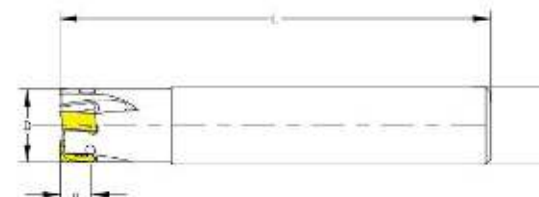


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	SKS06-C25-D25-150L-2T	2	25	25	150	6
	SKS06-C25-D25-200L-2T	2	25	25	200	6
	SKS06-C25-D25-250L-2T	2	25	25	250	6
	SKS06-C25-D26-150L-2T	2	25	26	150	6
	SKS06-C25-D26-200L-2T	2	25	26	200	6
	SKS06-C25-D26-250L-2T	2	25	26	250	6
	SKS08-C32-D32-150L-2T	2	32	32	150	8
	SKS08-C32-D32-200L-2T	2	32	32	200	8
	SKS08-C32-D32-250L-2T	2	32	32	250	8
	SKS08-C32-D32-300L-2T	2	32	32	300	8
	SKS08-C32-D33-150L-2T	2	32	33	150	8
	SKS08-C32-D33-200L-2T	2	32	33	200	8
	SKS08-C32-D33-250L-2T	2	32	33	250	8
	SKS08-C32-D33-300L-2T	2	32	33	300	8
	SKS08-C32-D35-150L-2T	2	32	35	150	8
	SKS08-C32-D35-200L-2T	2	32	35	200	8
	SKS08-C32-D35-250L-2T	2	32	35	250	8
	SKS08-C32-D35-300L-2T	2	32	35	300	8
	SKS08-C32-D40-150L-3T	3	32	40	150	8
	SKS08-C32-D40-200L-3T	3	32	40	200	8
	SKS08-C32-D40-250L-3T	3	32	40	250	8
	SKS08-C32-D40-300L-3T	3	32	40	300	8

配件 Spare Parts

型号 Designation	刀片 Insert	 螺丝 Screw	 扳手 Wrench
SKS06	WDMT06T320ZER	M3.5X8	T15
SKS08	WDMT080620ZER	M4.5X12	T20

>>> H-SASF90直角燕尾槽铣刀 H-SASF90 Right angle dovetail end mill

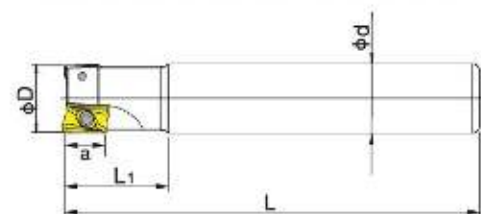


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	H-SASF90-1616-T2-0904-125L	2	16	16	125	8.6
	H-SASF90-1820-T2-1205-125L	2	18	20	125	13.7
	H-SASF90-2020-T3-0904-126L	3	20	20	125	8.6
	H-SASF90-2120-T3-0904-125L	3	21	20	125	8.6
	H-SASF90-2525-T2-1205-125L	2	25	25	125	13.7
	H-SASF90-2525-T2-1205-250L	2	25	25	250	13.7
	H-SASF90-2525-T4-0904-125L	4	25	25	125	8.6
	H-SASF90-2625-T2-1205-125L	2	26	25	125	13.7
	H-SASF90-2825-T2-1205-125L	2	28	25	125	13.7
	H-SASF90-3232-T2-1205-160L	2	32	32	160	13.7
	H-SASF90-3232-T3-1706-160L	3	32	32	160	16.7
	H-SASF90-3232-T3-1205-160L	3	32	32	160	13.7
	H-SASF90-3232-T3-1205-250L	3	32	32	250	13.7
	H-SASF90-3232-T3-1205-300L	3	32	32	300	13.7
	H-SASF90-3332-T2-1205-160L	2	32	33	160	13.7
	H-SASF90-4040-T4-1205-200L	4	40	40	200	13.7

配件 Spare Parts

型号 Designation	刀片 Insert	 螺丝 Screw	 扳手 Wrench
H-SASF90-**-0904	ANKX0904	M3.0X7	T8
H-SASF90-**-1205	ANKX1205	M4.0X12.2	T15
H-SASF90-**-1706	ANKX1706	M5.0X14	T20

>>> R390直角台肩立铣刀 R390 Right angle shoulder end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	R390-C15-D16-150-2T	2	15	16	150	11
	R390-C15-D16-200-2T	2	15	16	200	11
	R390-C16-D16-150-2T	2	16	16	150	11
	R390-C16-D16-200-2T	2	16	16	200	11
	R390-C16-D17-150-2T	2	16	17	150	11
	R390-C16-D17-200-2T	2	16	17	200	11
	R390-C19-D20-150-2T	2	19	20	150	11
	R390-C19-D20-200-2T	2	19	20	200	11
	R390-C19-D20-250-2T	2	19	20	250	11
	R390-C20-D20-150-2T	2	20	20	150	11
	R390-C20-D20-200-2T	2	20	20	200	11
	R390-C20-D20-250-2T	2	20	20	250	11
	R390-C20-D21-150-2T	2	20	21	150	11
	R390-C20-D21-200-2T	2	20	21	200	11
	R390-C20-D21-250-2T	2	20	21	250	11
	R390-C24-D25-150-2T	2	24	25	150	11
	R390-C24-D25-200-2T	2	24	25	200	11
	R390-C24-D25-250-2T	2	24	25	250	11
	R390-C25-D25-200-2T	2	25	25	200	11
	R390-C25-D25-250-2T	2	25	25	250	11
	R390-C25-D25-300-2T	2	25	25	300	11
	R390-C29-D30-200-2T	2	29	30	200	11
	R390-C29-D30-250-2T	2	29	30	250	11
	R390-C29-D30-300-2T	2	29	30	300	11
	R390-C32-D33-200-2T	2	32	33	200	11
	R390-C32-D33-250-2T	2	32	33	250	11
	R390-C32-D33-300-2T	2	32	33	300	11
	R390-C32-D35-200-2T	2	32	35	200	11
	R390-C32-D35-250-2T	2	32	35	250	11
	R390-C32-D35-300-2T	2	32	35	300	11

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
R390	R390111308	M2.5X6	T8

>>> EXNO3R 快进给立铣刀 EXN03R high feed end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	EXN03R16D15d120L2T	2	15	16	120	1
	EXN03R16D15d150L2T	2	15	16	150	1
	EXN03R16D15d200L2T	2	15	16	200	1
	EXN03R16D16d120L2T	2	16	16	120	1
	EXN03R16D16d150L2T	2	16	16	150	1
	EXN03R16D16d200L2T	2	16	16	200	1
	EXN03R17D16d120L2T	2	16	17	120	1
	EXN03R17D16d150L2T	2	16	17	150	1
	EXN03R17D16d200L2T	2	16	17	200	1
	EXN03R20D19d150L3T	3	19	20	150	1
	EXN03R20D19d200L3T	3	19	20	200	1
	EXN03R20D20d150L3T	3	20	20	150	1
	EXN03R20D20d200L3T	3	20	20	200	1
	EXN03R20D20d250L3T	3	20	20	250	1
	EXN03R22D20d150L3T	3	20	22	150	1
	EXN03R22D20d200L3T	3	20	22	200	1
	EXN03R25D24d150L4T	4	24	25	150	1
	EXN03R25D24d200L4T	4	24	25	200	1
	EXN03R25D24d250L4T	4	24	25	250	1
	EXN03R25D25d150L4T	4	25	25	150	1
	EXN03R25D25d200L4T	4	25	25	200	1
	EXN03R25D25d250L4T	4	25	25	250	1
	EXN03R32D32d200L4T	4	32	32	200	1
	EXN03R32D32d250L4T	4	32	32	250	1
	EXN03R33D32d200L4T	4	32	33	200	1
	EXN03R33D32d250L4T	4	32	33	250	1
	EXN03R35D32d200L4T	4	32	35	200	1
	EXN03R35D32d250L4T	4	32	35	250	1
	EXN03R40D32d200L4T	4	32	40	200	1
	EXN03R40D32d250L4T	4	32	40	250	1

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
EXN03R	LUMU030ZER	M2.5X6	T8

>>> MFHO3R快进给立铣刀 MFHO3R high feed end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	MFHO3R16D16d120L2T	2	16	16	120	1
	MFHO3R16D16d150L2T	2	16	16	150	1
	MFHO3R16D16d200L2T	2	16	16	200	1
	MFHO3R17D16d120L2T	2	16	17	120	1
	MFHO3R17D16d150L2T	2	16	17	150	1
	MFHO3R17D16d200L2T	2	16	17	200	1
	MFHO3R20D19d150L3T	3	19	20	150	1
	MFHO3R20D19d200L3T	3	19	20	200	1
	MFHO3R20D20d150L3T	3	20	20	150	1
	MFHO3R20D20d200L3T	3	20	20	200	1
	MFHO3R21D20d150L3T	3	20	21	150	1
	MFHO3R21D20d200L3T	3	20	21	200	1
	MFHO3R21D20d250L3T	3	20	21	250	1
	MFHO3R22D20d200L3T	3	20	22	200	1
	MFHO3R25D24d200L4T	4	24	25	200	1
	MFHO3R25D24d250L4T	4	24	25	250	1
	MFHO3R25D25d150L4T	4	25	25	150	1
	MFHO3R25D25d200L4T	4	25	25	200	1
	MFHO3R25D25d250L4T	4	25	25	250	1
	MFHO3R26D25d200L4T	4	25	26	200	1
	MFHO3R26D25d250L4T	4	25	26	250	1
	MFHO3R32D32d200L5T	5	32	32	200	1
	MFHO3R32D32d250L5T	5	32	32	250	1
	MFHO3R33D32d200L5T	5	32	33	200	1
	MFHO3R35D32d200L5T	5	32	35	200	1
	MFHO3R35D32d250L5T	5	32	35	250	1
	MFHO3R40D32d200L5T	5	32	40	200	1
	MFHO3R40D32d250L5T	5	32	40	250	1

>>> BLMP06 快进给立铣刀 BLMP06 high feed end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			D	d	L	a
	BLMP0603R16D16d120L2T	2	16	16	120	0.7
	BLMP0603R16D16d150L2T	2	16	16	150	0.7
	BLMP0603R17D16d150L2T	2	17	16	150	0.7
	BLMP0603R17D16d200L2T	2	17	16	200	0.7
	BLMP0603R20D19d120L3T	3	20	19	120	0.7
	BLMP0603R20D19d150L3T	3	20	19	150	0.7
	BLMP0603R20D19d200L3T	3	20	19	200	0.7
	BLMP0603R20D20d150L3T	3	20	20	150	1
	BLMP0603R20D20d200L3T	3	20	20	200	1
	BLMP0603R22D20d150L3T	3	22	20	150	1
	BLMP0603R22D20d200L3T	3	22	20	200	1
	BLMP0603R25D24d150L4T	4	25	24	150	1
	BLMP0603R25D24d200L4T	4	25	24	200	1
	BLMP0603R25D24d250L4T	4	25	24	250	1
	BLMP0603R25D25d150L4T	4	25	25	150	1
	BLMP0603R25D25d200L4T	4	25	25	200	1
	BLMP0603R25D25d250L4T	4	25	25	250	1
	BLMP0603R25D25d200L4T	4	26	25	200	1
	BLMP0603R25D25d250L4T	4	26	25	250	1
	BLMP0603R32D32d150L5T	5	32	32	150	1
	BLMP0603R32D32d200L5T	5	32	32	200	1
	BLMP0603R32D32d250L5T	5	32	32	250	1
	BLMP0603R33D32d200L5T	5	33	32	200	1
	BLMP0603R35D32d150L5T	5	35	32	150	1
	BLMP0603R35D32d200L5T	5	35	32	200	1
	BLMP0603R35D32d250L5T	5	35	32	250	1
	BLMP0603R40D32d150L6T	6	40	32	150	1
	BLMP0603R40D32d200L6T	6	40	32	200	1
	BLMP0603R40D32d250L6T	6	40	32	250	1

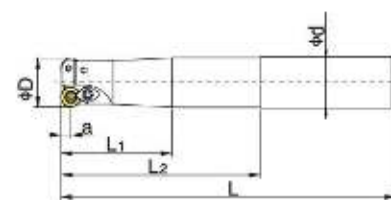
配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
MFHO3R	LOGU030310	M3.0X8	T8

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
BLMP06	BLMP0603R	M2.5X8	T8

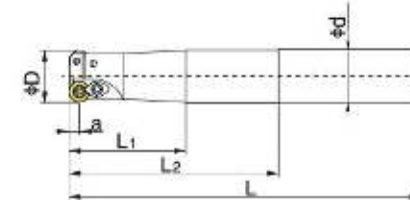
EMR圆鼻立铣刀 EMR Round nose end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	EMR4R-C10-D10-120L-1T	1	10	10	120	4
	EMR4R-C12-D12-130L-1T	1	12	12	130	4
	EMR4R-C12-D13-130L-1T	1	12	13	130	4
	EMR4R-C16-D16-120L-2T	2	16	16	120	4
	EMR4R-C16-D16-160L-2T	2	16	16	160	4
	EMR4R-C16-D16-200L-2T	2	16	16	200	4
	EMR4R-C16-D17-120L-2T	2	16	17	120	4
	EMR4R-C16-D17-160L-2T	2	16	17	160	4
	EMR4R-C16-D17-200L-2T	2	16	17	200	4
	EMR4R-C19-D20-150L-2T	2	19	20	150	4
	EMR4R-C19-D20-200L-2T	2	19	20	200	4
	EMR4R-C19-D20-250L-2T	2	19	20	250	4
	EMR4R-C20-D20-150L-2T	2	20	20	150	4
	EMR4R-C20-D20-200L-2T	2	20	20	200	4
	EMR4R-C20-D20-250L-2T	2	20	20	250	4
	EMR4R-C20-D21-150L-2T	2	20	21	150	4
	EMR4R-C20-D21-200L-2T	2	20	21	200	4
	EMR4R-C20-D21-250L-2T	2	20	21	250	4
	EMR5R-C19-D20-150L-2T	2	19	20	150	5
	EMR5R-C19-D20-200L-2T	2	19	20	200	5
	EMR5R-C19-D20-250L-2T	2	19	20	250	5
	EMR5R-C20-D20-150L-2T	2	20	20	150	5
	EMR5R-C20-D20-200L-2T	2	20	20	200	5
	EMR5R-C20-D20-250L-2T	2	20	20	250	5
	EMR5R-C20-D21-150L-2T	2	20	21	150	5
	EMR5R-C20-D21-200L-2T	2	20	21	200	5
	EMR5R-C20-D21-250L-2T	2	20	21	250	5
	EMR5R-C24-D25-150L-2T	2	24	25	150	5
	EMR5R-C24-D25-200L-2T	2	24	25	200	5
	EMR5R-C24-D25-250L-2T	2	24	25	250	5
	EMR5R-C25-D25-150L-2T	2	25	25	150	5
	EMR5R-C25-D25-200L-2T	2	25	25	200	5
	EMR5R-C25-D25-250L-2T	2	25	25	250	5
	EMR5R-C25-D26-150L-2T	2	25	26	150	5
	EMR5R-C25-D26-200L-2T	2	25	26	200	5
	EMR5R-C25-D26-250L-2T	2	25	26	250	5
	EMR5R-C25-D30-150L-2T	2	25	30	150	5
	EMR5R-C25-D30-200L-2T	2	25	30	200	5
	EMR5R-C25-D30-250L-2T	2	25	30	250	5
	EMR5R-C32-D35-150L-3T	3	32	35	150	5
	EMR5R-C32-D35-200L-3T	3	32	35	200	5



EMR圆鼻立铣刀 EMR Round nose end mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	EMR5R-C32-D35-250L-3T	3	32	35	250	5
	EMR5R-C32-D35-300L-3T	3	32	35	300	5
	EMR5R-C32-D40-200L-3T	3	32	40	200	5
	EMR5R-C32-D40-250L-3T	3	32	40	250	5
	EMR5R-C32-D40-300L-3T	3	32	40	300	5
	EMR5R-C32-D40-350L-3T	3	32	40	350	5
	EMRW6R-C25-D25-150L-2T	2	25	25	150	6
	EMRW6R-C25-D25-200L-2T	2	25	25	200	6
	EMRW6R-C25-D30-150L-2T	2	25	30	150	6
	EMRW6R-C25-D30-200L-2T	2	25	30	200	6
	EMRW6R-C25-D30-250L-2T	2	25	30	250	6
	EMRW6R-C32-D32-150L-2T	2	32	32	150	6
	EMRW6R-C32-D32-200L-2T	2	32	32	200	6
	EMRW6R-C32-D32-250L-2T	2	32	32	250	6
	EMRW6R-C32-D32-300L-2T	2	32	32	300	6
	EMRW6R-C32-D33-150L-2T	2	32	33	150	6
	EMRW6R-C32-D33-200L-2T	2	32	33	200	6
	EMRW6R-C32-D33-250L-2T	3	32	33	250	6
	EMRW6R-C32-D33-300L-2T	3	32	33	300	6
	EMRW6R-C32-D35-150L-3T	3	32	35	150	6
	EMRW6R-C32-D35-200L-3T	3	32	35	200	6
	EMRW6R-C32-D35-250L-3T	3	32	35	250	6
	EMRW6R-C32-D35-300L-3T	3	32	35	300	6
	EMRW6R-C32-D40-200L-3T	3	32	40	200	6
	EMRW6R-C32-D40-250L-3T	3	32	40	250	6
	EMRW6R-C32-D40-300L-3T	3	32	40	300	6
	EMRW6R-C32-D40-350L-3T	3	32	40	350	6

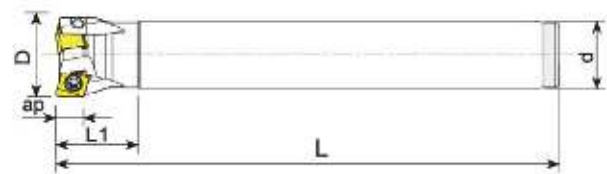


配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
EMR4R	RPMT0802	M3.0X7	T8
EMR5R	RPMT10T3	M4.0X9	T15
EMRW6R	RPMT1204	M4.0X9	T15

铣刀杆系列 Milling tool holder

>>> 4NTE90快进给立铣刀 4NTE90 high feed end mill



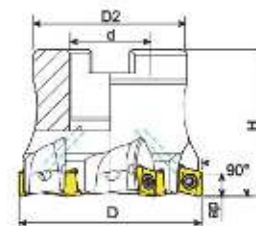
图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	L	a
	4NTE90-C16-D16-160L-2T	2	16	16	160	6
	4NTE90-D16-D16-200L-2T	2	16	16	200	6
	4NTE90-C16-D17-120L-2T	2	16	17	120	6
	4NTE90-C16-D17-160L-2T	2	16	17	160	6
	4NTE90-C16-D17-200L-2T	2	16	17	200	6
	4NTE90-C19-D20-150L-3T	3	19	20	150	6
	4NTE90-C19-D20-200L-3T	3	19	20	200	6
	4NTE90-C19-D20-250L-3T	3	19	20	250	6
	4NTE90-C20-D20-150L-3T	3	20	20	150	6
	4NTE90-C20-D20-200L-3T	3	20	20	200	6
	4NTE90-C20-D20-250L-3T	3	20	20	250	6
	4NTE90-C20-D21-150L-3T	3	20	21	150	6
	4NTE90-C20-D21-200L-3T	3	20	21	200	6
	4NTE90-C20-D21-250L-3T	3	20	21	250	6
	4NTE90-C24-D25-200L-4T	4	24	25	200	6
	4NTE90-C24-D25-250L-4T	4	24	25	250	6
	4NTE90-C25-D25-200L-4T	4	25	25	200	6
	4NTE90-C25-D25-250L-4T	4	25	25	250	6
	4NTE90-C25-D26-200L-4T	4	25	26	200	6
	4NTE90-C25-D26-250L-4T	4	25	26	250	6
	4NTE90-C25-D30-200L-4T	4	25	30	200	6
	4NTE90-C25-D30-250L-4T	4	25	30	250	6
	4NTE90-C32-D32-200L-5T	5	32	32	200	6
	4NTE90-C32-D32-250L-5T	5	32	32	250	6
	4NTE90-C32-D32-300L-5T	5	32	32	300	6
	4NTE90-C32-D35-200L-5T	5	32	35	200	6
	4NTE90-C32-D40-200L-6T	6	32	40	200	6
	4NTE90-C32-D40-250L-6T	6	32	40	250	6
	4NTE90-C32-D40-300L-6T	6	32	40	300	6
	4NTE90-C32-D40-350L-6T	6	32	40	350	6

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
4NTE90	4NKT060308R	M3.0X7	T8

铣刀盘系列 Milling cutter

>>> 4NTE90快进给立铣刀 4NTE90 high feed end mill

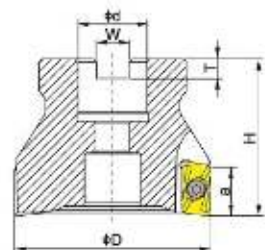


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			D	d	H	a
	4NTE90-35-16-5T	5	35	16	32	6
	4NTE90-40-16-6T	6	40	16	40	6
	4NTE90-40-22-5T	5	40	22	40	6
	4NTE90-50-22-6T	6	50	22	40	6
	4NTE90-63-22-6T	6	63	22	40	6
	4NTE90-63-22-8T	8	63	22	40	6
	4NTE90-80-27-10T	10	80	27	50	6
	4NTE90-100-32-10T	10	100	32	50	6

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
4NTE90	4NKT060308R	M3.0X7	T8

>>> EAP快进给铣刀盘 EAP high feed face mill



A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
铣削刀具
Milling tool holder

E
硬质合金刀片
Carbide insert

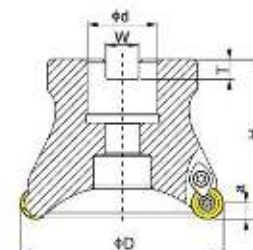


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	EAP300R-35-16-4T	4	16	35	47	9
	EAP300R-40-16-4T	4	22	40	47	9
	EAP300R-40-22-4T	4	22	40	47	9
	EAP300R-50-22-4T	4	22	50	47	9
	EAP300R-50-22-6T	6	22	50	47	9
	EAP300R-63-22-4T	4	22	63	47	9
	EAP300R-63-22-6T	6	22	63	47	9
	EAP400R-50-22-4T	4	22	50	47	14
	EAP400R-63-22-4T	4	22	63	47	14
	EAP400R-80-27-6T	6	27	80	50	14
	EAP400R-100-32-6T	6	32	100	50	14
	EAP400R-125-40-7T	7	40	125	60	14
	EAP400R-160-40-8T	8	40	160	60	14
	EAP400R-200-40-10T	10	40	200	60	14
	EAP400R-250-40-12T	12	40	250	60	14
	EAP400R-315-60-14T	14	60	315	65	14
	EAP400R-50-25.4-4T	4	25.4	50	47	14
	EAP400R-63-25.4-4T	4	25.4	63	47	14
	EAP400R-80-25.4-6T	6	25.4	80	50	14
	EAP400R-100-31.75-6T	6	31.75	100	50	14

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
EAP300R	APMT1135	M2.5X6	TB
EAP400R	APMT1604	M4.0X9	T15

>>> EMR圆鼻铣刀盘 EMR Round nose face mill



A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
铣削刀具
Milling tool holder

E
硬质合金刀片
Carbide insert

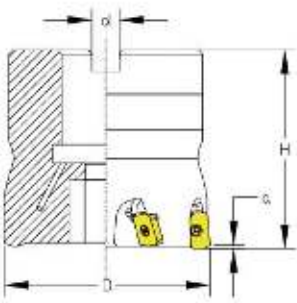


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	EMR5R-50-22-4T	4	22	50	47	5
	EMR5R-63-22-4T	4	22	63	47	5
	EMR5R-80-27-6T	6	27	80	47	5
	EMR5R-100-32-6T	6	32	100	47	5
	EMR5R-125-40-7T	7	40	125	60	5
	EMR5R-160-40-8T	8	40	160	60	5
	EMR5R-50-25.4-4T	4	25.4	50	47	5
	EMR5R-63-25.4-4T	4	25.4	63	47	5
	EMR5R-80-25.4-6T	6	25.4	80	47	5
	EMR5R-100-31.75-6T	6	31.75	100	47	5
	EMRW6R-50-22-4T	4	22	50	47	6
	EMRW6R-63-22-4T	4	22	63	47	6
	EMRW6R-80-27-6T	6	27	80	50	6
	EMRW6R-100-32-6T	6	32	100	50	6
	EMRW6R-125-40-7T	7	40	125	60	6
	EMRW6R-160-40-8T	8	40	160	60	6
	EMRW6R-200-40-10T	10	40	200	60	6
	EMRW6R-250-40-12T	12	40	250	60	6
	EMRW6R-315-60-14T	14	60	315	65	6
	EMRW6R-50-25.4-4T	4	25.4	50	47	6
	EMRW6R-63-25.4-4T	4	25.4	63	47	6
	EMRW6R-80-25.4-6T	6	25.4	80	50	6
	EMRW6R-100-31.75-6T	6	31.75	100	50	6

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
EMR5R	RPMT10T3	M4.0X9	T15
EMRW6R	RPMT1204	M4.0X9	T15

>>> MFHO3R快进给铣刀盘 MFHO3R high feed face mill

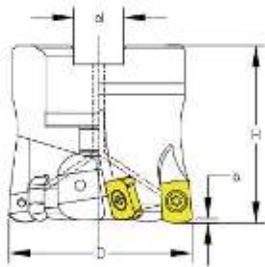


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	MFHO3R40D16d6T	6	16	40	40	1
	MFHO3R40D22d6T	6	22	40	40	1
	MFHO3R50D22d8T	8	22	50	50	1
	MFHO3R63D22d8T	8	22	63	50	1
	MFHO3R80D27d10T	10	27	80	60	1
	MFHO3R100D32d12T	12	32	100	60	1

配件 Spare Parts

型号 Designation	刀片 Insert	 螺丝 Screw	 扳手 Wrench
MFHO3R	LOGU030310	M3.0X8	T8

>>> BLMP06 快进给铣刀盘 BLMP06 high feed face mill

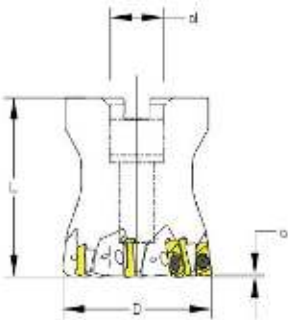


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	BLMP0603R40D16d5T	5	16	40	40	1
	BLMP0603R40D22d5T	5	22	40	40	1
	BLMP0603R50D22d7T	7	22	50	50	1
	BLMP0603R63D22d8T	8	22	63	50	1
	BLMP0603R80D27d10T	10	27	80	60	1
	BLMP0603R100D32d12T	12	32	100	60	1

配件 Spare Parts

型号 Designation	刀片 Insert	 螺丝 Screw	 扳手 Wrench
BLMP06	BLMP0603R	M2.5X8	T8

>>> EXNO3R快进给铣刀盘 EXNO3R high feed face mill

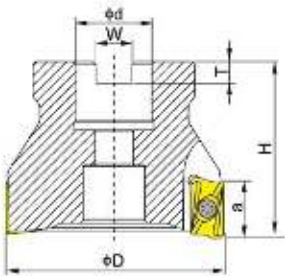


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	EXNO3R40D16d6T	6	16	40	40	1
	EXNO3R40D22d6T	6	22	40	40	1
	EXNO3R50D22d8T	8	22	50	50	1
	EXNO3R63D22d8T	8	22	63	50	1
	EXNO3R80D27d10T	10	27	80	50	1
	EXNO3R100D32d12T	12	32	100	60	1

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
EXNO3R	LNMU0303ZER	M2.5X6	T8

>>> R390 直角台肩铣刀盘 R390 Right angle shoulder end mill

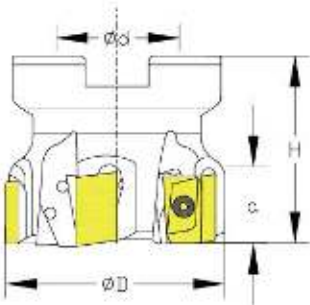


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	R390-11-50-22-4T	4	22	50	50	1
	R390-11-63-22-4T	4	22	63	50	1
	R390-17-63-22-4T	4	22	63	50	1
	R390-17-80-27-6T	6	27	87	50	1
	R390-17-100-32-6T	6	32	100	63	1
	R390-17-125-40-6T	6	40	125	63	1
	R390-17-160-40-8T	8	40	160	63	1

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
R390-11	R39011T308	M2.5X6	T8
R390-17	R39017040B	M3.5X9	T15

>>> H-SASF90直角燕尾槽铣刀盘H-SASF90 Right angle dovetail face mill



A
车削刀具
Cutting tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻削刀具
Drill tool holder

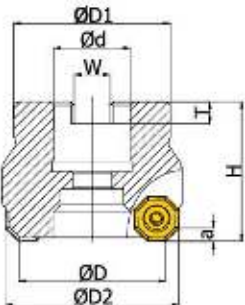
E
硬质合金刀具
Carbide tools

图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	HSASF90D4003161706R	3	16	40	40	16.7
	HSASF90D4004161205R	4	22	40	40	13.7
	HSASF90D5004221706R	4	22	50	50	16.7
	HSASF90D5005221205R	5	22	50	50	13.7
	HSASF90D6304271706R	4	27	63	50	16.7
	HSASF90D6306271205R	6	27	63	50	13.7
	HSASF90D8007271205R	7	27	80	50	13.7
	HSASF90D8007271706R	7	27	80	50	16.7
	HSASF90D10007321706R	7	32	100	50	16.7
	HSASF90D10008321706R	8	32	100	50	16.7
	HSASF90D10009321205R	9	32	100	50	13.7
	HSASF90D12510401706R	10	40	125	63	16.7
	HSASF90D16012401706R	10	40	160	63	16.7
	HSASF90D20010601205R	10	60	200	63	13.7
	HSASF90D20010601706R	10	60	200	63	16.7
	HSASF90D22812601706R	12	60	228	63	16.7
	HSASF90D25012601706R	12	60	250	63	16.7

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
HSASF90-**-0904	ANX0904	SA0904	T8
H-SASF90-**-1205	ANX1205	SA1205	T15
H-SASF90-**-1706	ANX1706	SA1706	T20

>>> H-SOSF45双面螺旋刀铁刀盘H-SOSF45 Double-sided spiral edge face mill



A
车削刀具
Cutting tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻削刀具
Drill tool holder

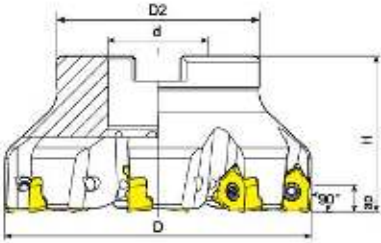
E
硬质合金刀具
Carbide tools

图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	HSOSF45816D0400422R	4	22	40	40	3.5/6
	HSOSF45816D0500422R	4	22	50	50	3.5/6
	HSOSF45816D0630622R	6	22	63	50	3.5/6
	HSOSF45816D0630822R	8	22	63	50	3.5/6
	HSOSF45816D0800722R	7	22	80	50	3.5/6
	HSOSF45816D0800727R	7	27	80	50	3.5/6
	HSOSF45816D1000832R	8	32	100	50	3.5/6
	HSOSF45816D1251040R	10	40	125	63	3.5/6
	HSOSF45816D1601240R	12	40	160	63	3.5/6
	HSOSF45816D2001460L	14	60	200	63	3.5/6
	HSOSF45816D2001460R	14	60	200	63	3.5/6
	HSOSF45816D2501660L	16	60	250	63	3.5/6
	HSOSF45816D2501660R	16	60	250	63	3.5/6
	HSOSF45816D3152060R	20	60	315	63	3.5/6

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
H-SOSF45	SNMU150515/ONMU060506	HM1506	T15

>>> MFWN900R快进给铣刀盘 MFWN900R high feed face mill

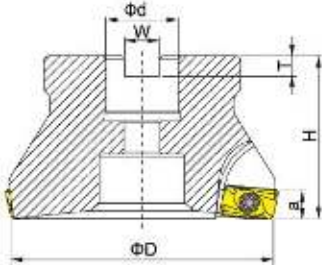


图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	ap
	MFWN900R-D50-22-4T	4	22	50	50	8
	MFWN900R-D63-22-4T	4	22	63	50	8
	MFWN900R-D80-27-5T	5	27	80	50	8
	MFWN900R-D100-32-7T	7	32	100	60	8
	MFWN900R-D125-40-8T	8	40	125	60	8
	MFWN900R-D160-40-10T	10	40	160	60	8
	MFWN900R-D200-60-12T	12	60	200	60	8
	MFWN900R-D63-22-5T	5	22	63	50	8
	MFWN900R-D80-27-7T	7	27	80	50	8
	MFWN900R-D100-32-9T	9	32	100	60	8
	MFWN900R-D125-40-12T	12	40	125	60	8
	MFWN900R-D160-40-14T	14	40	160	60	8
	MFWN900R-D200-60-16T	16	60	200	60	8

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
MFWN900R	WNMU0806	M5.0X12	T20

>>> RAP 75° 快进给铣刀盘 RAP 75° high feed face mill



图片 Picture	型号 Designation	齿数 Flutes	尺寸 Size			
			d	D	H	a
	RAP300R-50-22-4T	4	22	50	47	4
	RAP300R-63-22-4T	4	22	63	47	4
	RAP300R-50-25.4-4T	4	25.4	50	47	4
	RAP300R-63-25.4-4T	4	25.4	63	47	4
	RAP400R-50-22-4T	4	22	50	47	6
	RAP400R-63-22-4T	4	22	63	47	6
	RAP400R-63-25.4-4T	4	25.4	63	47	6
	RAP400R-80-27-5T	5	27	80	50	6
	RAP400R-100-32-6T	6	32	100	50	6
	RAP400R-125-40-8T	8	40	125	60	6
	RAP400R-160-40-8T	8	40	160	60	6
	RAP400R-200-60-10T	10	60	200	60	6
	RAP400R-250-60-12T	14	60	250	60	6
	RAP400R-315-60-14T	14	60	315	60	6

配件 Spare Parts

型号 Designation	刀片 Insert	螺丝 Screw	扳手 Wrench
RAP300R	APMT1135	M2.5X6	T8
RAP400R	APMT1604	M4.0X9	T15



>>> 皇冠钻钻杆型号编码规则 Code rules for crown drill pipe model

KS	1250/1299	3D	C16
钻杆系列 Drill pipe series	钻尖直径范围 Drill tip diameter range	有效加工深度 Effective machining depth	柄径 Shank diameter
KS系列钻杆 Drill pipe series	12.5mm-12.99mm	3D=ΦX3 5D=ΦX5 7D=ΦX7 8.5D=ΦX8.5 10D=ΦX10	C16=Φ16 C20=Φ20 C25=Φ25 C32=Φ32 C40=Φ40

皇冠钻特征 Crown Diamond Features

KS皇冠钻模块钻头，采用可换钻尖结构，可轻松更换钻尖。该产品刀座非常坚固，定位面不容易磨损，可延长硬质合金钻尖的更换次数。5个定位面同时贴合，钻尖重复定位准确，大大提高钻尖的使用寿命和提高进给率。刀片可以修磨，更节约使用成本，非标规格可提供定制服务。

The KS Crown Drill module drill bit adopts a replaceable drill tip structure, making it easy to replace the drill tip. This product has a very sturdy tool holder, and the positioning surface is not easily worn, which can extend the replacement frequency of hard alloy drill tips. The five positioning surfaces are fitted at the same time, and the drilling tip is positioned accurately repeatedly, which greatly improves the service life of the drilling tip and the feed rate. The insert can be repaired and ground, which saves more usage costs. Non-standard specifications can be customized service.

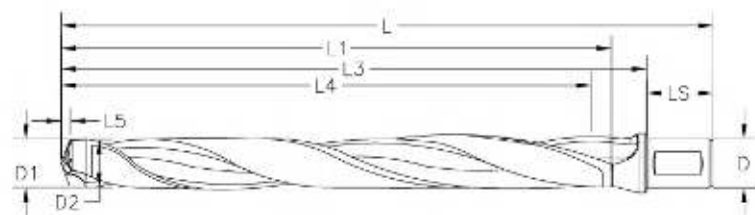
>>> 皇冠钻钻尖型号编码规则 Code rules for crown drill tip model

KS	1250	C	KPM45	P	TIAIN
钻尖系列 Drill tip series	钻尖直径范围 Drill tip diameter range	匹配刀座 Tool holder	钻尖材质 Drill tip material	钻尖类型 Drill tip type	涂层 Coating
KS系列钻杆 Drill pipe series	12.5mm	C 8 A 1 2 3 4 5 6 7 8 9 10	KPM45 KMS35 K7410	P 通用槽型 Currency 肯纳HPGM Kennametal HPGM M 不锈钢槽型 Stainless steel 肯纳SPLM Kennametal SPLM K 铸铁槽型 Cast iron 肯纳HPCCLM Kennametal HPCCLM	TiAlN AlCr

钻尖修磨最低值 Minimum value of drilling tip trimming

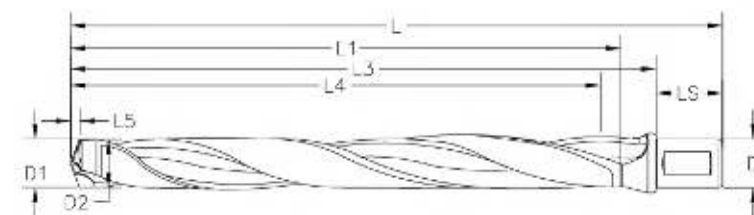
D	匹配钻杆 Tool holder	L1	L
Φ12.50-Φ13.49	C	9.6	8.4
Φ13.50-Φ14.49	B	10.1	8.8
Φ14.50-Φ15.99	A	10.6	9.3
Φ16.00-Φ17.99	1	11.6	10.2
Φ18.00-Φ19.99	2	12.6	11.1
Φ20.00-Φ21.99	3	13.6	12.0
Φ22.00-Φ23.99	4	14.6	13.0
Φ24.00-Φ25.99	5	15.6	13.8
Φ26.00-Φ27.99	6	16.6	14.7
Φ28.00-Φ29.99	7	17.6	15.6
Φ30.00-Φ31.99	8	18.6	16.5
Φ32.00-Φ35.99	9	20.6	18.3
Φ36.00-Φ40.00	10	22.6	20.1

>>> KS皇冠钻钻杆 3D KS drill pipe 3D



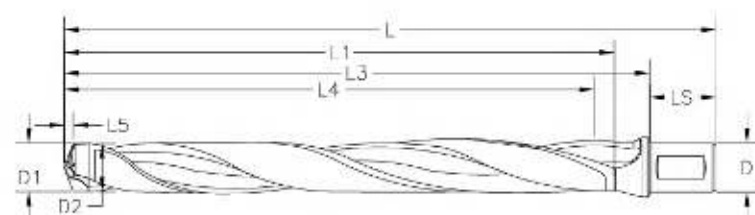
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	螺丝 Screw	扳手 Wrench
			L	L1	L3	L4	L5	LS	D			
KS1250/1299-3D-C16	12.5	12.99	112.0	64.0	50.0	36	2.0	48	16	C	M3.0/M2.5X14	T6X156
KS1300/1349-3D-C16	13.0	13.49	112.0	64.0	50.0	39	2.1	48	16	C	M3.0/M2.5X14	T6X156
KS1350/1399-3D-C16	13.5	13.99	111.5	63.5	49.5	41	2.1	48	16	C	M3.0/M2.5X14	T6X156
KS1350/1399-3D-C16	13.5	13.99	111.5	63.5	49.5	42	2.1	48	16	B	M3.0/M2.5X14	T6X156
KS1400/1449-3D-C16	14.0	14.49	112.0	64.0	50.5	42	2.2	48	16	B	M3.0/M2.5X14	T6X156
KS1450/1499-3D-C20	14.5	14.99	118.5	68.5	54.0	44	2.3	50	20	B	M3.0/M2.5X14	T6X156
KS1450/1499-3D-C20	14.5	14.99	118.5	68.5	54.0	45	2.3	50	20	A	M3.0/M2.5X14	T6X156
KS1500/1549-3D-C20	15.0	15.49	119.5	69.5	56.0	46	2.4	50	20	A	M3.0/M2.5X14	T6X156
KS1550/1599-3D-C20	15.5	15.99	121.0	71.0	57.5	47	2.5	50	20	A	M3.0/M2.5X14	T6X156
KS1600/1649-3D-C20	16.0	16.49	121.0	71.0	58.0	48	2.5	50	20	1	M3.5/M2.5X16	1.5X185
KS1650/1699-3D-C20	16.5	16.99	124.0	74.30	61.0	50	2.6	50	20	1	M3.5/M2.5X16	1.5X185
KS1700/1749-3D-C20	17.0	17.49	124.5	74.5	61.5	51	2.7	50	20	1	M3.5/M2.5X16	1.5X185
KS1750/1799-3D-C20	17.5	17.99	126.0	76.0	63.5	53	2.8	50	20	1	M3.5/M2.5X16	1.5X185
KS1800/1800-3D-C20	18.0	18.00	129.5	79.5	67.5	54	2.9	50	20	1	M3.5/M2.5X16	1.5X185
KS1800/1849-3D-C20	18.0	18.49	135.9	79.9	65.5	56	2.9	56	25	2	M3.5/M2.5X16	1.5X185
KS1850/1899-3D-C25	18.5	18.99	138.0	82.0	68.0	56	2.9	56	25	2	M3.5/M2.5X16	1.5X185
KS1900/1949-3D-C25	19.0	19.49	139.8	83.8	70.0	57	3.0	56	25	2	M3.5/M2.5X16	1.5X185
KS1950/1999-3D-C25	19.5	19.99	141.0	85.0	71.5	59	3.1	56	25	2	M3.5/M2.5X16	1.5X185
KS2000/2049-3D-C25	20.0	20.49	148.7	92.7	79.5	60	3.2	56	25	3	M4.0/M3.0X19	2.0X210
KS2050/2099-3D-C25	20.5	20.99	152.0	96.0	82.5	62	3.3	56	25	3	M4.0/M3.0X19	2.0X210
KS2100/2149-3D-C25	21.0	21.49	155.7	99.7	86.0	63	3.3	56	25	3	M4.0/M3.0X19	2.0X210
KS2150/2199-3D-C25	21.5	21.99	156.7	100.7	88.0	65	3.4	56	25	3	M4.0/M3.0X19	2.0X210
KS2200/2200-3D-C25	22.0	22.00	161.0	105.0	92.0	66	3.5	56	25	3	M4.0/M3.0X19	2.0X210
KS2200/2249-3D-C25	22.0	22.49	163.0	107.0	93.5	68	3.5	56	25	4	M4.0/M3.0X19	2.0X210
KS2250/2299-3D-C25	22.5	22.99	163.5	107.5	94.0	68	3.6	56	25	4	M4.0/M3.0X19	2.0X210
KS2300/2349-3D-C25	23.0	23.49	164.0	108.0	95.5	69	3.7	56	25	4	M4.0/M3.0X19	2.0X210
KS2350/2399-3D-C25	23.5	23.99	164.5	108.5	96.0	71	3.7	56	25	4	M4.0/M3.0X19	2.0X210
KS2400/2400-3D-C25	24.0	24.00	166.7	109.5	96.5	72	3.8	56	25	4	M4.0/M3.0X19	2.0X210
KS2400/2449-3D-C32	24.0	24.49	170.8	110.8	97.0	74	3.8	60	32	5	M5.0/M4.0X23	2.5X240
KS2450/2499-3D-C32	24.5	24.99	171.5	112.0	97.5	74	3.9	60	32	5	M5.0/M4.0X23	2.5X240
KS2500/2549-3D-C32	25.0	25.49	173.0	113.0	98.0	75	3.9	60	32	5	M5.0/M4.0X23	2.5X240
KS2550/2599-3D-C32	25.5	25.99	176.0	116.0	100.0	77	3.9	60	32	5	M5.0/M4.0X23	2.5X240
KS2600/2600-3D-C32	26.0	26.00	179.4	119.4	102.0	78	4.0	60	32	5	M5.0/M4.0X23	2.5X240
KS2600/2649-3D-C32	26.0	26.49	179.8	119.8	102.5	80	4.0	60	32	6	M5.0/M4.0X23	2.5X240

>>> KS皇冠钻钻杆 3D KS drill pipe 3D



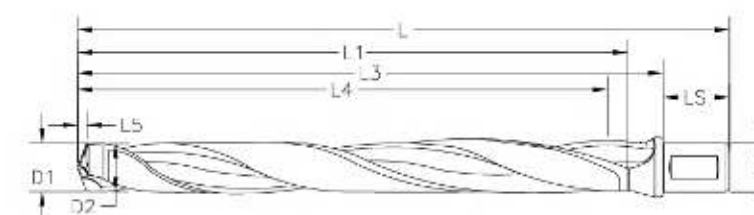
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	螺丝 Screw	扳手 Wrench
			L	L1	L3	L4	L5	LS	D			
KS2650/2699-3D-C32	26.5	26.99	180.5	120.7	103.5	80	4.1	60	32	6	M5.0/M4.0X23	2.5X240
KS2700/2749-3D-C32	27.0	27.49	181.4	121.4	105.5	81	4.2	60	32	6	M5.0/M4.0X23	2.5X240
KS2750/2799-3D-C32	27.5	27.99	181.8	121.8	106.0	83	4.2	60	32	6	M5.0/M4.0X23	2.5X240
KS2800/2800-3D-C32	28.0	28.00	184.0	124.0	108.0	84	4.3	60	32	6	M5.0/M4.0X23	2.5X240
KS2800/2849-3D-C32	28.0	28.49	186.8	126.8	110.5	86	4.3	60	32	7	M6.0/M5.0X28	3.0X265
KS2850/2899-3D-C32	28.5	28.99	189.5	129.5	113.0	86	4.4	60	32	7	M6.0/M5.0X28	3.0X265
KS2900/2949-3D-C32	29.0	29.49	190.0	130.0	113.5	87	4.5	60	32	7	M6.0/M5.0X28	3.0X265
KS2950/2999-3D-C32	29.5	29.99	193.0	131.7	114.5	89	4.5	60	32	7	M6.0/M5.0X28	3.0X265
KS3000/3000-3D-C32	30.0	30.00	195.5	137.0	118.5	90	4.6	60	32	7	M6.0/M5.0X28	3.0X265
KS3000/3049-3D-C32	30.0	30.49	197.0	138.7	120.5	91	4.6	60	32	8	M6.0/M5.0X28	3.0X265
KS3050/3099-3D-C32	30.5	30.99	198.5	139.5	123.5	91	4.7	60	32	8	M6.0/M5.0X28	3.0X265
KS3100/3149-3D-C32	31.0	31.49	199.0	140.0	124.5	93	4.8	60	32	8	M6.0/M5.0X28	3.0X265
KS3150/3199-3D-C32	31.5	31.99	200.0	142.0	126.0	95	4.8	60	32	8	M6.0/M5.0X28	3.0X265
KS3200/3200-3D-C32	32.0	32.00	202.0	144.0	126.5	96	4.9	60	32	8	M6.0/M5.0X28	3.0X265
KS3200/3299-3D-C40	32.0	32.99	217.3	147.3	129.5	99	4.9	70	40	9	M6.0/M6.0X32	3.0X265
KS3300/3399-3D-C40	33.0	33.99	225.0	155.0	135.0	99	5.1	70	40	9	M6.0/M6.0X32	3.0X265
KS3400/3499-3D-C40	34.0	34.99	229.0	159.0	137.5	102	5.2	70	40	9	M6.0/M6.0X32	3.0X265
KS3500/3599-3D-C40	35.0	35.99	233.0	163.0	143.0	105	5.4	70	40	9	M6.0/M6.0X32	3.0X265
KS3600/3600-3D-C40	36.0	36.00	235.0	165.0	145.0	108	5.5	70	40	9	M6.0/M6.0X32	3.0X265
KS3600/3699-3D-C40	36.0	36.99	242.0	172.0	151.5	111	5.5	70	40	10	M6.0/M6.0X32	3.0X265
KS3700/3799-3D-C40	37.0	37.99	244.0	174.0	153.5	113	5.7	70	40	10	M6.0/M6.0X32	3.0X265
KS3800/3899-3D-C40	38.0	38.99	246.0	176.0	155.5	114	5.8	70	40	10	M6.0/M6.0X32	3.0X265
KS3900/4000-3D-C40	39.0	40.00	250.0	180.0	159.5	117	6.0	70	40	10	M6.0/M6.0X32	3.0X265
KS4000/4000-3D-C40	40.0	40.00	252.0	182.0	161.5	120	6.0	70	40	10	M6.0/M6.0X32	3.0X265

>>> KS皇冠钻钻杆 5D KS drill pipe 5D



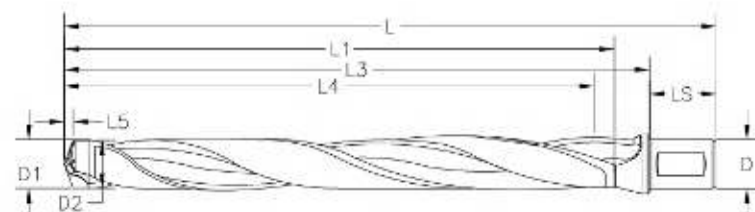
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	 螺丝 Screw	 扳手 Wrench
			L	L1	L3	L4	L5	LS	D			
KS1250/1299-5D-C16	12.5	12.99	137.0	89.0	75.0	63	2.0	48	16	C	M3.0/M2.5X14	T6X156
KS1300/1349-5D-C16	13.0	13.49	138.0	90.0	76.0	65	2.1	48	16	C	M3.0/M2.5X14	T6X156
KS1350/1350-5D-C16	13.5	13.50	138.5	90.5	75.5	68	2.1	48	16	C	M3.0/M2.5X14	T6X156
KS1350/1399-5D-C16	13.5	13.99	139.0	91.5	76.5	69	2.2	48	16	B	M3.0/M2.5X14	T6X156
KS1400/1449-5D-C16	14.0	14.49	140.0	92.0	78.5	70	2.2	48	16	B	M3.0/M2.5X14	T6X156
KS1450/1450-5D-C20	14.5	14.50	147.5	96.5	83.0	73	2.3	50	20	B	M3.0/M2.5X14	T6X156
KS1450/1499-5D-C20	14.5	14.99	148.5	97.5	84.0	74	2.3	50	20	A	M3.0/M2.5X14	T6X156
KS1500/1549-5D-C20	15.0	15.49	149.5	99.5	86.0	75	2.4	50	20	A	M3.0/M2.5X14	T6X156
KS1550/1599-5D-C20	15.5	15.99	152.0	102.0	88.5	78	2.5	50	20	A	M3.0/M2.5X14	T6X156
KS1600/1649-5D-C20	16.0	16.49	153.0	103.0	90.0	80	2.5	50	20	1	M3.5/M2.5X16	1.5X185
KS1650/1699-5D-C20	16.5	16.99	157.0	107.0	94.0	83	2.6	50	20	1	M3.5/M2.5X16	1.5X185
KS1700/1749-5D-C20	17.0	17.49	158.5	108.5	95.5	85	2.7	50	20	1	M3.5/M2.5X16	1.5X185
KS1750/1799-5D-C20	17.5	17.99	161.0	111.0	98.5	88	2.8	50	20	1	M3.5/M2.5X16	1.5X185
KS1800/1800-5D-C20	18.0	18.00	165.5	115.5	101.5	90	2.9	50	20	1	M3.5/M2.5X16	1.5X185
KS1800/1849-5D-C20	18.0	18.49	171.9	115.9	103.5	92	2.9	56	25	2	M3.5/M2.5X16	1.5X185
KS1850/1899-5D-C25	18.5	18.99	175.0	119.0	105.0	93	2.9	56	25	2	M3.5/M2.5X16	1.5X185
KS1900/1949-5D-C25	19.0	19.49	177.8	121.8	108.0	95	3.0	56	25	2	M3.5/M2.5X16	1.5X185
KS1950/1999-5D-C25	19.5	19.99	180.0	124.0	110.5	98	3.1	56	25	2	M3.5/M2.5X16	1.5X185
KS2000/2049-5D-C25	20.0	20.49	190.7	134.7	121.5	100	3.2	56	25	3	M4.0/M3.0X19	2.0X210
KS2050/2099-5D-C25	20.5	20.99	193.0	137.0	123.5	103	3.3	56	25	3	M4.0/M3.0X19	2.0X210
KS2100/2149-5D-C25	21.0	21.49	195.7	139.7	126.0	105	3.3	56	25	3	M4.0/M3.0X19	2.0X210
KS2150/2199-5D-C25	21.5	21.99	198.0	142.0	129.0	108	3.4	56	25	3	M4.0/M3.0X19	2.0X210
KS2200/2200-5D-C25	22.0	22.00	202.7	146.7	134.0	110	3.5	56	25	3	M4.0/M3.0X19	2.0X210
KS2200/2249-5D-C25	22.0	22.49	206.0	150.0	137.0	112	3.5	56	25	4	M4.0/M3.0X19	2.0X210
KS2250/2299-5D-C25	22.5	22.99	207.0	151.0	137.5	113	3.6	56	25	4	M4.0/M3.0X19	2.0X210
KS2300/2349-5D-C25	23.0	23.49	207.5	151.5	138.0	115	3.7	56	25	4	M4.0/M3.0X19	2.0X210
KS2350/2399-5D-C25	23.5	23.99	208.7	152.7	140.5	118	3.7	56	25	4	M4.0/M3.0X19	2.0X210
KS2400/2400-5D-C25	24.0	24.00	211.0	155.0	142.5	120	3.8	56	25	4	M4.0/M3.0X19	2.0X210
KS2400/2449-5D-C32	24.0	24.49	220.7	160.8	144.0	122	3.8	60	32	5	M5.0/M4.0X23	2.5X240
KS2450/2499-5D-C32	24.5	24.99	222.0	162.0	145.0	123	3.9	60	32	5	M5.0/M4.0X23	2.5X240
KS2500/2549-5D-C32	25.0	25.49	224.5	164.5	147.0	125	3.9	60	32	5	M5.0/M4.0X23	2.5X240
KS2550/2599-5D-C32	25.5	25.99	227.0	167.0	151.0	128	3.9	60	32	5	M5.0/M4.0X23	2.5X240
KS2600/2600-5D-C32	26.0	26.00	229.3	169.3	152.5	130	4.0	60	32	5	M5.0/M4.0X23	2.5X240
KS2600/2649-5D-C32	26.0	26.49	231.4	171.4	154.0	132	4.0	60	32	6	M5.0/M4.0X23	2.5X240

>>> KS皇冠钻钻杆 5D KS drill pipe 5D



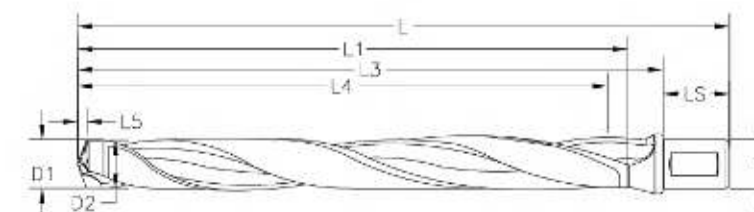
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	 螺丝 Screw	 扳手 Wrench
			L	L1	L3	L4	L5	LS	D			
KS2650/2699-5D-C32	26.5	26.99	231.8	171.8	154.5	133	4.1	60	32	6	M5.0/M4.0X23	2.5X240
KS2700/2749-5D-C32	27.0	27.49	233.4	173.5	155.0	135	4.2	60	32	6	M5.0/M4.0X23	2.5X240
KS2750/2799-5D-C32	27.5	27.99	237.0	177.4	161.5	138	4.2	60	32	6	M5.0/M4.0X23	2.5X240
KS2800/2800-5D-C32	28.0	28.00	237.8	177.8	162.0	140	4.3	60	32	6	M5.0/M4.0X23	2.5X240
KS2800/2849-5D-C32	28.0	28.49	239.0	179.0	163.0	142	4.3	60	32	7	M6.0/M5.0X28	3.0X265
KS2850/2899-5D-C32	28.5	28.99	244.8	184.8	168.5	143	4.4	60	32	7	M6.0/M5.0X28	3.0X265
KS2900/2949-5D-C32	29.0	29.49	247.0	187.0	170.5	145	4.5	60	32	7	M6.0/M5.0X28	3.0X265
KS2950/2999-5D-C32	29.5	29.99	249.5	189.5	173.0	148	4.5	60	32	7	M6.0/M5.0X28	3.0X265
KS3000/3000-5D-C32	30.0	30.00	250.0	190.0	173.5	150	4.6	60	32	7	M6.0/M5.0X28	3.0X265
KS3000/3049-5D-C32	30.0	30.49	252.0	192.0	175.0	151	4.6	60	32	8	M6.0/M5.0X28	3.0X265
KS3050/3099-5D-C32	30.5	30.99	259.0	199.0	182.5	152	4.7	60	32	8	M6.0/M5.0X28	3.0X265
KS3100/3149-5D-C32	31.0	31.49	264.0	204.0	187.0	155	4.8	60	32	8	M6.0/M5.0X28	3.0X265
KS3150/3199-5D-C32	31.5	31.99	265.0	205.0	188.5	158	4.8	60	32	8	M6.0/M5.0X28	3.0X265
KS3200/3200-5D-C32	32.0	32.00	268.0	207.0	189.0	160	4.9	60	32	8	M6.0/M5.0X28	3.0X265
KS3200/3299-5D-C40	32.0	32.99	293.0	213.3	192.5	163	4.9	70	40	9	M6.0/M6.0X32	3.0X330
KS3300/3399-5D-C40	33.0	33.99	283.3	223.0	201.5	165	5.1	70	40	9	M6.0/M6.0X32	3.0X330
KS3400/3499-5D-C40	34.0	34.99	293.0	225.0	203.0	170	5.2	70	40	9	M6.0/M6.0X32	3.0X330
KS3500/3599-5D-C40	35.0	35.99	305.0	235.0	215.0	175	5.4	70	40	9	M6.0/M6.0X32	3.0X330
KS3600/3600-5D-C40	36.0	36.00	308.0	235.0	215.0	180	5.5	70	40	9	M6.0/M6.0X32	3.0X330
KS3600/3699-5D-C40	36.0	36.99	318.0	248.0	227.5	183	5.5	70	40	10	M6.0/M6.0X32	3.0X330
KS3700/3799-5D-C40	37.0	37.99	320.0	248.0	227.5	185	5.7	70	40	10	M6.0/M6.0X32	3.0X330
KS3800/3899-5D-C40	38.0	38.99	324.0	248.0	227.5	190	5.8	70	40	10	M6.0/M6.0X32	3.0X330
KS3900/4000-5D-C40	39.0	40.00	327.0	260.0	239.5	195	6.0	70	40	10	M6.0/M6.0X32	3.0X330
KS4000/4000-5D-C40	40.0	40.00	330.0	260.0	239.5	200	6.2	70	40	10	M6.0/M6.0X32	3.0X330

>>> KS皇冠钻钻杆 7D KS drill pipe 7D



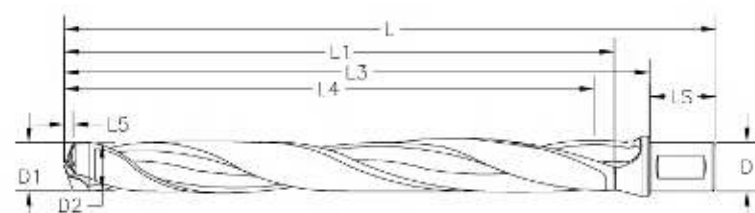
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	螺丝 Screw	扳手 Wrench
			L	L1	L3	L4	L5	LS	D			
KS1250/1299-7D-C16	12.5	12.99	162.0	114.0	100.0	88	2.0	48	16	C	M3.0/M2.5X14	T6X188
KS1300/1349-7D-C16	13.0	13.49	164.0	116.0	102.0	91	2.1	48	16	C	M3.0/M2.5X14	T6X188
KS1350/1350-7D-C16	13.5	13.50	165.5	117.5	102.5	95	2.1	48	16	C	M3.0/M2.5X14	T6X188
KS1350/1399-7D-C16	13.5	13.99	165.5	118.0	103.5	96	2.2	48	16	B	M3.0/M2.5X14	T6X188
KS1400/1449-7D-C16	14.0	14.49	168.0	120.0	106.5	98	2.2	48	16	B	M3.0/M2.5X14	T6X188
KS1450/1450-7D-C20	14.5	14.50	176.5	126.5	112.0	102	2.3	50	20	B	M3.0/M2.5X14	T6X188
KS1450/1499-7D-C20	14.5	14.99	176.5	127.0	113.0	103	2.3	50	20	A	M3.0/M2.5X14	T6X188
KS1500/1549-7D-C20	15.0	15.49	179.5	129.5	116.0	105	2.4	50	20	A	M3.0/M2.5X14	T6X188
KS1550/1599-7D-C20	15.5	15.99	183.0	133.0	119.5	109	2.5	50	20	A	M3.0/M2.5X14	T6X188
KS1600/1649-7D-C20	16.0	16.49	185.0	135.0	122.0	112	2.5	50	20	1	M3.5/M2.5X16	1.5X225
KS1650/1699-7D-C20	16.5	16.99	190.0	140.0	127.0	116	2.6	50	20	1	M3.5/M2.5X16	1.5X225
KS1700/1749-7D-C20	17.0	17.49	192.5	142.5	129.5	119	2.7	50	20	1	M3.5/M2.5X16	1.5X225
KS1750/1799-7D-C20	17.5	17.99	196.0	146.0	133.5	123	2.8	50	20	1	M3.5/M2.5X16	1.5X225
KS1800/1800-7D-C20	18.0	18.00	201.5	151.5	137.5	126	2.9	50	20	1	M3.5/M2.5X16	1.5X225
KS1800/1849-7D-C20	18.0	18.49	207.9	151.9	137.5	128	2.9	56	25	2	M3.5/M2.5X16	1.5X225
KS1850/1899-7D-C25	18.5	18.99	212.0	156.0	142.0	130	2.9	56	25	2	M3.5/M2.5X16	1.5X225
KS1900/1949-7D-C25	19.0	19.49	215.8	159.8	146.0	133	3.0	56	25	2	M3.5/M2.5X16	1.5X225
KS1950/1999-7D-C25	19.5	19.99	219.0	163.0	149.5	137	3.1	56	25	2	M3.5/M2.5X16	1.5X225
KS2000/2049-7D-C25	20.0	20.49	232.7	176.7	163.5	140	3.2	56	25	3	M4.0/M3.0X19	2.0X260
KS2050/2099-7D-C25	20.5	20.99	234.0	178.0	164.5	144	3.3	56	25	3	M4.0/M3.0X19	2.0X260
KS2100/2149-7D-C25	21.0	21.49	235.7	179.7	166.0	147	3.3	56	25	3	M4.0/M3.0X19	2.0X260
KS2150/2199-7D-C25	21.5	21.99	241.0	185.0	172.0	151	3.4	56	25	3	M4.0/M3.0X19	2.0X260
KS2200/2200-7D-C25	22.0	22.00	248.7	192.7	180.0	154	3.5	56	25	3	M4.0/M3.0X19	2.0X260
KS2200/2249-7D-C25	22.0	22.49	251.0	195.0	181.5	156	3.5	56	25	4	M4.0/M3.0X19	2.0X260
KS2250/2299-7D-C25	22.5	22.99	251.5	195.5	182.0	158	3.6	56	25	4	M4.0/M3.0X19	2.0X260
KS2300/2349-7D-C25	23.0	23.49	256.7	196.5	183.5	161	3.7	56	25	4	M4.0/M3.0X19	2.0X260
KS2350/2399-7D-C25	23.5	23.99	258.0	200.7	188.5	165	3.7	56	25	4	M4.0/M3.0X19	2.0X260
KS2400/2400-7D-C25	24.0	24.00	258.5	202.0	189.5	168	3.8	56	25	4	M4.0/M3.0X19	2.0X260
KS2400/2449-7D-C32	24.0	24.49	270.7	210.7	194.0	170	3.8	60	32	5	M5.0/M4.0X23	2.5X295
KS2450/2499-7D-C32	24.5	24.99	271.0	211.0	195.0	172	3.9	60	32	5	M5.0/M4.0X23	2.5X295
KS2500/2549-7D-C32	25.0	25.49	272.5	212.5	195.5	175	3.9	60	32	5	M5.0/M4.0X23	2.5X295
KS2550/2599-7D-C32	25.5	25.99	278.0	218.0	202.0	179	3.9	60	32	5	M5.0/M4.0X23	2.5X295
KS2600/2600-7D-C32	26.0	26.00	282.3	222.3	205.5	182	4.0	60	32	5	M5.0/M4.0X23	2.5X295
KS2600/2649-7D-C32	26.0	26.49	283.4	223.4	206.0	184	4.0	60	32	6	M5.0/M4.0X23	2.5X295

>>> KS皇冠钻钻杆 7D KS drill pipe 7D



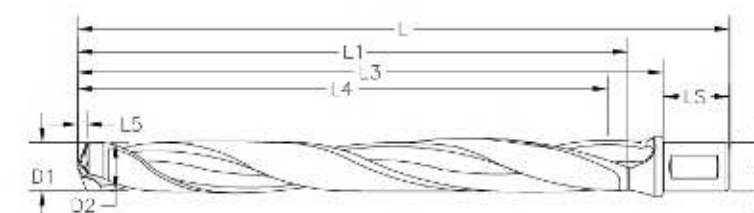
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	螺丝 Screw	扳手 Wrench
			L	L1	L3	L4	L5	LS	D			
KS2650/2699-7D-C32	26.5	26.99	283.8	223.8	206.5	186	4.1	60	32	6	M5.0/M4.0X23	2.5X295
KS2700/2749-7D-C32	27.0	27.49	285.8	225.8	209.0	189	4.2	60	32	6	M5.0/M4.0X23	2.5X295
KS2750/2799-7D-C32	27.5	27.99	293.4	234.0	217.5	193	4.2	60	32	6	M5.0/M4.0X23	2.5X295
KS2800/2800-7D-C32	28.0	28.00	293.8	233.4	218.0	196	4.3	60	32	6	M5.0/M4.0X23	2.5X295
KS2800/2849-7D-C32	28.0	28.49	294.0	233.8	218.5	198	4.3	60	32	7	M6.0/M5.0X28	3.0X330
KS2850/2899-7D-C32	28.5	28.99	302.8	242.8	226.5	200	4.4	60	32	7	M6.0/M5.0X28	3.0X330
KS2900/2949-7D-C32	29.0	29.49	304.0	244.0	227.5	203	4.5	60	32	7	M6.0/M5.0X28	3.0X330
KS2950/2999-7D-C32	29.5	29.99	309.5	249.5	233.0	207	4.5	60	32	7	M6.0/M5.0X28	3.0X330
KS3000/3000-7D-C32	30.0	30.00	310.0	250.0	234.0	210	4.6	60	32	7	M6.0/M5.0X28	3.0X330
KS3000/3049-7D-C32	30.0	30.49	311.0	251.0	235.0	211	4.6	60	32	8	M6.0/M5.0X28	3.0X330
KS3050/3099-7D-C32	30.5	30.99	321.0	261.0	244.5	213	4.7	60	32	8	M6.0/M5.0X28	3.0X330
KS3100/3149-7D-C32	31.0	31.49	325.0	265.0	248.0	217	4.8	60	32	8	M6.0/M5.0X28	3.0X330
KS3150/3199-7D-C32	31.5	31.99	328.0	268.0	252.0	221	4.8	60	32	8	M6.0/M5.0X28	3.0X330
KS3200/3200-7D-C32	32.0	32.00	328.0	268.5	252.5	224	4.9	60	32	8	M6.0/M5.0X28	3.0X330
KS3200/3299-7D-C40	32.0	32.99	349.3	279.3	258.5	227	4.9	70	40	9	M6.0/M6.0X32	3.0X439
KS3300/3399-7D-C40	33.0	33.99	357.0	287.0	265.5	231	5.1	70	40	9	M6.0/M6.0X32	3.0X439
KS3400/3499-7D-C40	34.0	34.99	361.0	291.0	271.0	238	5.2	70	40	9	M6.0/M6.0X32	3.0X439
KS3500/3599-7D-C40	35.0	35.99	375.0	305.0	285.0	245	5.4	70	40	9	M6.0/M6.0X32	3.0X439
KS3600/3600-7D-C40	36.0	36.00	377.0	307.0	287.0	252	5.5	70	40	9	M6.0/M6.0X32	3.0X439
KS3600/3699-7D-C40	36.0	36.99	390.0	320.0	299.5	255	5.5	70	40	10	M6.0/M6.0X32	3.0X439
KS3700/3799-7D-C40	37.0	37.99	392.0	322.0	301.5	259	5.7	70	40	10	M6.0/M6.0X32	3.0X439
KS3800/3899-7D-C40	38.0	38.99	394.0	324.0	303.5	266	5.8	70	40	10	M6.0/M6.0X32	3.0X439
KS3900/4000-7D-C40	39.0	40.00	408.0	338.0	318.5	273	6.0	70	40	10	M6.0/M6.0X32	3.0X439
KS4000/4000-7D-C40	40.0	40.00	410.0	340.0	319.5	280	6.2	70	40	10	M6.0/M6.0X32	3.0X439

>>> KS皇冠钻钻杆 8.5D KS drill pipe 8.5D



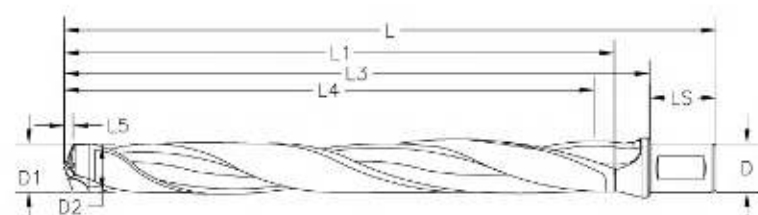
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size								匹配刀座 Tool holder	 螺丝 Screw	 扳手 Wrench
			L	L1	L3	L4	L5	L5	D				
KS1250/1299-8.5D-C16	12.5	12.99	180.7	132.7	118.7	107	2.0	48	16	C	M3.0/M2.5X14	T6X188	
KS1300/1349-8.5D-C16	13.0	13.49	183.5	135.5	121.5	111	2.1	48	16	C	M3.0/M2.5X14	T6X188	
KS1350/1399-8.5D-C16	13.5	13.99	185.7	137.7	122.7	115	2.1	48	16	C	M3.0/M2.5X14	T6X188	
KS1350/1399-8.5D-C16	13.5	13.99	185.7	137.7	123.7	116	2.2	48	16	B	M3.0/M2.5X14	T6X188	
KS1400/1449-8.5D-C16	14.0	14.49	189.0	141.0	127.5	119	2.2	48	16	B	M3.0/M2.5X14	T6X188	
KS1450/1450-8.5D-C20	14.5	14.50	198.0	148.0	134.0	124	2.3	50	20	B	M3.0/M2.5X14	T6X230	
KS1450/1499-8.5D-C20	14.5	14.99	198.0	148.0	134.0	125	2.3	50	20	A	M3.0/M2.5X14	T6X230	
KS1500/1549-8.5D-C20	15.0	15.49	202.0	152.0	138.5	128	2.4	50	20	A	M3.0/M2.5X14	T6X230	
KS1550/1599-8.5D-C20	15.5	15.99	206.0	156.0	142.7	132	2.5	50	20	A	M3.0/M2.5X14	T6X230	
KS1600/1649-8.5D-C20	16.0	16.49	209.0	159.0	146.0	136	2.5	50	20	1	M3.5/M2.5X16	1.5X225	
KS1650/1699-8.5D-C20	16.5	16.99	214.7	164.7	152.0	141	2.6	50	20	1	M3.5/M2.5X16	1.5X225	
KS1700/1749-8.5D-C20	17.0	17.49	218.0	168.0	155.0	145	2.7	50	20	1	M3.5/M2.5X16	1.5X225	
KS1750/1799-8.5D-C20	17.5	17.99	222.0	172.0	159.5	159	2.8	50	20	1	M3.5/M2.5X16	1.5X225	
KS1800/1800-8.5D-C20	18.0	18.00	228.5	178.5	164.5	153	2.9	50	20	1	M3.5/M2.5X16	1.5X225	
KS1800/1849-8.5D-C20	18.0	18.49	234.9	178.9	166.5	155	2.9	56	25	2	M3.5/M2.5X16	1.5X297	
KS1850/1899-8.5D-C25	18.5	18.99	240.0	184.0	170.0	158	2.9	56	25	2	M3.5/M2.5X16	1.5X297	
KS1900/1949-8.5D-C25	19.0	19.49	244.0	188.0	174.5	162	3.0	56	25	2	M3.5/M2.5X16	1.5X297	
KS1950/1999-8.5D-C25	19.5	19.99	248.0	192.0	178.5	166	3.1	56	25	2	M3.5/M2.5X16	1.5X297	
KS2000/2049-8.5D-C25	20.0	20.49	264.0	208.0	195.0	170	3.2	56	25	3	M4.0/M3.0X19	2.0X260	
KS2050/2099-8.5D-C25	20.5	20.99	264.5	208.5	195.5	175	3.3	56	25	3	M4.0/M3.0X19	2.0X260	
KS2100/2149-8.5D-C25	21.0	21.49	265.7	209.7	196.0	179	3.3	56	25	3	M4.0/M3.0X19	2.0X260	
KS2150/2199-8.5D-C25	21.5	21.99	273.0	217.0	204.0	183	3.4	56	25	3	M4.0/M3.0X19	2.0X260	
KS2200/2200-8.5D-C25	22.0	22.00	283.0	227.0	214.5	187	3.5	56	25	3	M4.0/M3.0X19	2.0X260	
KS2200/2249-8.5D-C25	22.0	22.49	284.0	228.0	215.0	189	3.5	56	25	4	M4.0/M3.0X19	2.0X343	
KS2250/2299-8.5D-C25	22.5	22.99	284.5	228.5	215.5	192	3.6	56	25	4	M4.0/M3.0X19	2.0X343	
KS2300/2349-8.5D-C25	23.0	23.49	285.0	229.0	216.0	196	3.7	56	25	4	M4.0/M3.0X19	2.0X343	
KS2350/2399-8.5D-C25	23.5	23.99	292.7	236.7	223.5	200	3.7	56	25	4	M4.0/M3.0X19	2.0X343	
KS2400/2400-8.5D-C25	24.0	24.00	293.0	237.0	224.5	204	3.8	56	25	4	M4.0/M3.0X19	2.0X343	
KS2400/2449-8.5D-C32	24.0	24.49	307.5	247.5	230.5	206	3.8	60	32	5	M5.0/M4.0X23	2.5X393	
KS2450/2499-8.5D-C32	24.5	24.99	308.0	248.0	231.5	209	3.9	60	32	5	M5.0/M4.0X23	2.5X393	
KS2500/2549-8.5D-C32	25.0	25.49	308.5	248.5	232.5	213	3.9	60	32	5	M5.0/M4.0X23	2.5X393	
KS2550/2599-8.5D-C32	25.5	25.99	316.0	256.0	240.0	217	3.9	60	32	5	M5.0/M4.0X23	2.5X393	
KS2600/2600-8.5D-C32	26.0	26.00	322.4	262.0	245.0	221	4.0	60	32	5	M5.0/M4.0X23	2.5X393	
KS2600/2649-8.5D-C32	26.0	26.49	322.8	262.8	245.5	223	4.0	60	32	6	M5.0/M4.0X23	2.5X393	

>>> KS皇冠钻钻杆 8.5D KS drill pipe 8.5D



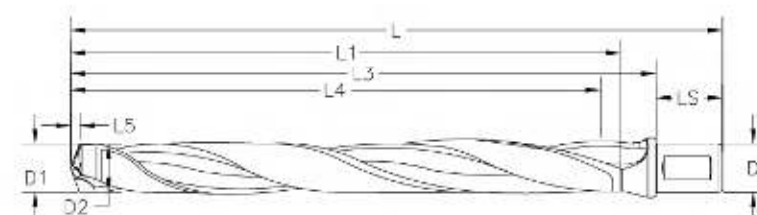
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	 螺丝 Screw	 扳手 Wrench
			L	L1	L3	L4	L5	L5	D			
KS2650/2699-8.5D-C32	26.5	26.99	322.8	262.8	246.0	226	4.1	60	32	6	M5.0/M4.0X23	2.5X393
KS2700/2749-8.5D-C32	27.0	27.49	326.0	266.0	249.5	230	4.2	60	32	6	M5.0/M4.0X23	2.5X393
KS2750/2799-8.5D-C32	27.5	27.99	335.0	275.0	259.0	234	4.2	60	32	6	M5.0/M4.0X23	2.5X393
KS2800/2800-8.5D-C32	28.0	28.00	335.4	275.4	259.5	238	4.3	60	32	6	M5.0/M4.0X23	2.5X393
KS2800/2849-8.5D-C32	28.0	28.49	335.8	275.8	260.0	240	4.3	60	32	7	M6.0/M5.0X28	3.0X330
KS2850/2899-8.5D-C32	28.5	28.99	346.3	286.3	270.0	243	4.4	60	32	7	M6.0/M5.0X28	3.0X330
KS2900/2949-8.5D-C32	29.0	29.49	346.5	286.5	270.5	247	4.5	60	32	7	M6.0/M5.0X28	3.0X330
KS2950/2999-8.5D-C32	29.5	29.99	354.5	294.5	278.0	251	4.5	60	32	7	M6.0/M5.0X28	3.0X330
KS3000/3000-8.5D-C32	30.0	30.00	355.0	295.0	278.5	255	4.6	60	32	7	M6.0/M5.0X28	3.0X330
KS3000/3049-8.5D-C32	30.0	30.49	356.0	295.5	279.0	256	4.6	60	32	8	M6.0/M5.0X28	3.0X439
KS3050/3099-8.5D-C32	30.5	30.99	367.5	307.5	291.0	259	4.7	60	32	8	M6.0/M5.0X28	3.0X439
KS3100/3149-8.5D-C32	31.0	31.49	367.5	310.5	293.5	264	4.8	60	32	8	M6.0/M5.0X28	3.0X439
KS3150/3199-8.5D-C32	31.5	31.99	375.0	315.0	299.0	268	4.8	60	32	8	M6.0/M5.0X28	3.0X439
KS3200/3200-8.5D-C32	32.0	32.00	376.0	316.0	300.5	275	4.9	60	32	8	M6.0/M5.0X28	3.0X439
KS3200/3299-8.5D-C40	32.0	32.99	398.8	328.8	308.0	276	4.9	70	40	9	M6.0/M6.0X32	3.0X439
KS3300/3399-8.5D-C40	33.0	33.99	405.0	355.0	313.5	281	5.1	70	40	9	M6.0/M6.0X32	3.0X439
KS3400/3499-8.5D-C40	34.0	34.99	412.0	357.5	322.0	289	5.2	70	40	9	M6.0/M6.0X32	3.0X439
KS3500/3599-8.5D-C40	35.0	35.99	427.5	375.5	337.5	298	5.4	70	40	9	M6.0/M6.0X32	3.0X439
KS3600/3600-8.5D-C40	36.0	36.00	431.0	361.0	341.0	306	5.5	70	40	9	M6.0/M6.0X32	3.0X439
KS3600/3699-8.5D-C40	36.0	36.99	444.0	374.0	353.5	309	5.5	70	40	10	M6.0/M6.0X32	3.0X530
KS3700/3799-8.5D-C40	37.0	37.99	447.5	377.5	357.0	316	5.7	70	40	10	M6.0/M6.0X32	3.0X530
KS3800/3899-8.5D-C40	38.0	38.99	451.0	381.0	360.5	323	5.8	70	40	10	M6.0/M6.0X32	3.0X530
KS3900/4000-8.5D-C40	39.0	40.00	466.5	396.5	376.0	332	6.0	70	40	10	M6.0/M6.0X32	3.0X530
KS4000/4000-8.5D-C40	40.0	40.00	470.0	400.0	379.5	340	6.2	70	40	10	M6.0/M6.0X32	3.0X530

>>> KS皇冠钻钻杆 10D KS drill pipe 10D



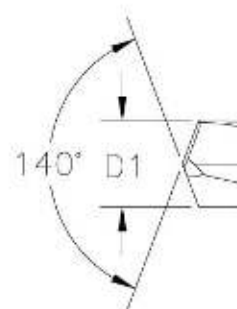
型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size								匹配刀座 Tool holder	 螺丝 Screw	 扳手 Wrench
			L	L1	L3	L4	L5	LS	D				
KS1250/1299-10D-C16	12.5	12.99	199.5	151.5	137.5	125	2.0	48	16	C	M3.0/M2.5X14	T6X188	
KS1300/1349-10D-C16	13.0	13.49	203.0	155.0	141.0	130	2.1	48	16	C	M3.0/M2.5X14	T6X188	
KS1350/1350-10D-C16	13.5	13.50	206.0	158.0	143.0	135	2.1	48	16	C	M3.0/M2.5X14	T6X188	
KS1350/1399-10D-C16	13.5	13.99	206.5	158.5	144.0	136	2.2	48	16	B	M3.0/M2.5X14	T6X188	
KS1400/1449-10D-C16	14.0	14.49	210.0	162.0	148.5	140	2.2	48	16	B	M3.0/M2.5X14	T6X188	
KS1450/1450-10D-C20	14.5	14.50	220.0	170.0	155.5	145	2.3	50	20	B	M3.0/M2.5X14	T6X230	
KS1450/1499-10D-C20	14.5	14.99	220.5	170.5	156.0	146	2.3	50	20	A	M3.0/M2.5X14	T6X230	
KS1500/1549-10D-C20	15.0	15.49	224.5	174.5	161.0	150	2.4	50	20	A	M3.0/M2.5X14	T6X230	
KS1550/1599-10D-C20	15.5	15.99	229.5	179.5	166.0	155	2.5	50	20	A	M3.0/M2.5X14	T6X230	
KS1600/1649-10D-C20	16.0	16.49	233.0	183.0	170.0	160	2.5	50	20	1	M3.5/M2.5X16	1.5X225	
KS1650/1699-10D-C20	16.5	16.99	239.5	189.5	176.5	165	2.6	50	20	1	M3.5/M2.5X16	1.5X225	
KS1700/1749-10D-C20	17.0	17.49	243.5	193.5	180.5	170	2.7	50	20	1	M3.5/M2.5X16	1.5X225	
KS1750/1799-10D-C20	17.5	17.99	248.5	198.5	186.0	175	2.8	50	20	1	M3.5/M2.5X16	1.5X225	
KS1800/1800-10D-C20	18.0	18.00	255.5	202.5	191.5	180	2.9	50	20	1	M3.5/M2.5X16	1.5X225	
KS1800/1849-10D-C20	18.0	18.49	261.9	205.9	193.5	182	2.9	56	25	2	M3.5/M2.5X16	1.5X297	
KS1850/1899-10D-C25	18.5	18.99	267.5	211.5	197.5	185	2.9	56	25	2	M3.5/M2.5X16	1.5X297	
KS1900/1949-10D-C25	19.0	19.49	272.8	216.8	203.0	190	3.0	56	25	2	M3.5/M2.5X16	1.5X297	
KS1950/1999-10D-C25	19.5	19.99	277.5	221.5	208.0	195	3.1	56	25	2	M3.5/M2.5X16	1.5X297	
KS2000/2049-10D-C25	20.0	20.49	295.5	239.5	226.0	200	3.2	56	25	3	M4.0/M3.0X19	2.0X343	
KS2050/2099-10D-C25	20.5	20.99	295.7	239.7	226.5	205	3.3	56	25	3	M4.0/M3.0X19	2.0X343	
KS2100/2149-10D-C25	21.0	21.49	296.0	240.0	236.5	210	3.3	56	25	3	M4.0/M3.0X19	2.0X343	
KS2150/2199-10D-C25	21.5	21.99	305.5	249.5	247.5	215	3.4	56	25	3	M4.0/M3.0X19	2.0X343	
KS2200/2200-10D-C25	22.0	22.00	317.0	261.0	248.0	220	3.5	56	25	3	M4.0/M3.0X19	2.0X343	
KS2200/2249-10D-C25	22.0	22.49	317.5	261.5	249.0	222	3.5	56	25	4	M4.0/M3.0X19	2.0X343	
KS2250/2299-10D-C25	22.5	22.99	317.7	261.7	249.5	225	3.6	56	25	4	M4.0/M3.0X19	2.0X343	
KS2300/2349-10D-C25	23.0	23.49	318.5	262.5	260.0	230	3.7	56	25	4	M4.0/M3.0X19	2.0X343	
KS2350/2399-10D-C25	23.5	23.99	328.5	272.5	260.5	235	3.7	56	25	4	M4.0/M3.0X19	2.0X343	
KS2400/2400-10D-C25	24.0	24.00	328.7	272.7	267.5	240	3.8	56	25	4	M4.0/M3.0X19	2.0X343	
KS2400/2449-10D-C32	24.0	24.49	344.5	284.0	268.0	242	3.8	60	32	5	M5.0/M4.0X23	2.5X393	
KS2450/2499-10D-C32	24.5	24.99	345.0	284.5	269.0	245	3.9	60	32	5	M5.0/M4.0X23	2.5X393	
KS2500/2549-10D-C32	25.0	25.49	345.7	285.7	278.5	250	3.8	60	32	5	M5.0/M4.0X23	2.5X393	
KS2550/2599-10D-C32	25.5	25.99	354.5	294.5	284.0	255	3.9	60	32	5	M5.0/M4.0X23	2.5X393	
KS2600/2600-10D-C32	26.0	26.00	361.4	301.4	284.5	260	4.0	60	32	5	M5.0/M4.0X23	2.5X393	
KS2600/2649-10D-C32	26.0	26.49	361.8	301.8	285.0	262	4.0	60	32	6	M5.0/M4.0X23	2.5X393	

>>> KS皇冠钻钻杆 10D KS drill pipe 10D



型号 Designation	钻头直径范围 Diameter of drill tip		尺寸 Size							匹配刀座 Tool holder	 螺丝 Screw	 扳手 Wrench
			L	L1	L3	L4	L5	LS	D			
KS2650/2699-10D-C32	26.5	26.99	362.0	302.0	286.0	265	4.1	60	32	6	M5.0/M4.0X23	2.5X393
KS2700/2749-10D-C32	27.0	27.49	366.8	306.8	290.0	270	4.2	60	32	6	M5.0/M4.0X23	2.5X393
KS2750/2799-10D-C32	27.5	27.99	376.5	316.5	300.5	275	4.2	60	32	6	M5.0/M4.0X23	2.5X393
KS2800/2800-10D-C32	28.0	28.00	377.4	317.4	301.5	280	4.3	60	32	6	M5.0/M4.0X23	2.5X393
KS2800/2849-10D-C32	28.0	28.49	377.8	317.8	302.0	282	4.3	60	32	7	M6.0/M5.0X28	3.0X439
KS2850/2899-10D-C32	28.5	28.99	389.5	329.5	313.0	285	4.4	60	32	7	M6.0/M5.0X28	3.0X439
KS2900/2949-10D-C32	29.0	29.49	389.8	329.8	313.5	290	4.5	60	32	7	M6.0/M5.0X28	3.0X439
KS2950/2999-10D-C32	29.5	29.99	398.5	339.5	323.0	295	4.5	60	32	7	M6.0/M5.0X28	3.0X439
KS3000/3000-10D-C32	30.0	30.00	399.5	340.0	323.5	300	4.6	60	32	7	M6.0/M5.0X28	3.0X439
KS3000/3049-10D-C32	30.0	30.49	400.0	340.5	325.0	302	4.6	60	32	8	M6.0/M5.0X28	3.0X439
KS3050/3099-10D-C32	30.5	30.99	414.0	354.0	337.5	305	4.7	60	32	8	M6.0/M5.0X28	3.0X439
KS3100/3149-10D-C32	31.0	31.49	416.5	356.5	339.5	310	4.8	60	32	8	M6.0/M5.0X28	3.0X439
KS3150/3199-10D-C32	31.5	31.99	422.5	362.5	346.5	315	4.8	60	32	8	M6.0/M5.0X28	3.0X439
KS3200/3200-10D-C32	32.0	32.00	424.0	364.0	348.5	320	4.9	60	32	8	M6.0/M5.0X28	3.0X439
KS3200/3299-10D-C40	32.0	32.99	448.3	378.3	361.3	323	4.9	70	40	9	M6.0/M6.0X32	3.0X530
KS3300/3399-10D-C40	33.0	33.99	453.0	383.0	357.5	330	5.1	70	40	9	M6.0/M6.0X32	3.0X530
KS3400/3499-10D-C40	34.0	34.99	463.0	393.0	373.0	340	5.2	70	40	9	M6.0/M6.0X32	3.0X530
KS3500/3599-10D-C40	35.0	35.99	480.0	410.0	390.0	350	5.4	70	40	9	M6.0/M6.0X32	3.0X530
KS3600/3600-10D-C40	36.0	36.00	485.0	415.0	395.0	360	5.5	70	40	9	M6.0/M6.0X32	3.0X530
KS3600/3699-10D-C40	36.0	36.99	498.0	428.0	407.5	363	5.5	70	40	10	M6.0/M6.0X32	3.0X530
KS3700/3799-10D-C40	37.0	37.99	503.0	433.0	412.5	370	5.7	70	40	10	M6.0/M6.0X32	3.0X530
KS3800/3899-10D-C40	38.0	38.99	508.0	438.0	417.5	380	5.8	70	40	10	M6.0/M6.0X32	3.0X530
KS3900/4000-10D-C40	39.0	40.00	525.0	455.0	434.5	390	6.0	70	40	10	M6.0/M6.0X32	3.0X530
KS4000/4000-10D-C40	40.0	40.00	530.0	460.0	439.5	400	6.2	70	40	10	M6.0/M6.0X32	3.0X530

>>> KPM45-P通用槽型钻尖 KPM45-P Universal drill tip



型号 Designation	钻尖直径 Diameter of drill tip	匹配刀座 Tool holder	钻尖材质 Drill tip material	螺丝 Screw
KS1250-C-KPM45-P-TiAIN	12.5	C	KPM45	M3.0/M2.5X14
KS1300-C-KPM45-P-TiAIN	13.0	C	KPM45	M3.0/M2.5X14
KS1350-C-KPM45-P-TiAIN	13.5	C	KPM45	M3.0/M2.5X14
KS1400-B-KPM45-P-TiAIN	14.0	B	KPM45	M3.0/M2.5X14
KS1450-B-KPM45-P-TiAIN	14.5	B	KPM45	M3.0/M2.5X14
KS1500-A-KPM45-P-TiAIN	15.0	A	KPM45	M3.0/M2.5X14
KS1550-A-KPM45-P-TiAIN	15.5	A	KPM45	M3.0/M2.5X14
KS1600-I-KPM45-P-TiAIN	16.0	I	KPM45	M3.5/M2.5X16
KS1650-I-KPM45-P-TiAIN	16.5	I	KPM45	M3.5/M2.5X16
KS1700-I-KPM45-P-TiAIN	17.0	I	KPM45	M3.5/M2.5X16
KS1750-I-KPM45-P-TiAIN	17.5	I	KPM45	M3.5/M2.5X16
KS1800-I-KPM45-P-TiAIN	18.0	I	KPM45	M3.5/M2.5X16
KS1850-2-KPM45-P-TiAIN	18.5	2	KPM45	M3.5/M2.5X16
KS1900-2-KPM45-P-TiAIN	19.0	2	KPM45	M3.5/M2.5X16
KS1950-2-KPM45-P-TiAIN	19.5	2	KPM45	M3.5/M2.5X16
KS2000-3-KPM45-P-TiAIN	20.0	3	KPM45	M4.0/M3.0X19
KS2050-3-KPM45-P-TiAIN	20.5	3	KPM45	M4.0/M3.0X19
KS2100-3-KPM45-P-TiAIN	21.0	3	KPM45	M4.0/M3.0X19
KS2150-3-KPM45-P-TiAIN	21.5	3	KPM45	M4.0/M3.0X19
KS2200-3-KPM45-P-TiAIN	22.0	3	KPM45	M4.0/M3.0X19
KS2250-4-KPM45-P-TiAIN	22.5	4	KPM45	M4.0/M3.0X19
KS2300-4-KPM45-P-TiAIN	23.0	4	KPM45	M4.0/M3.0X19
KS2350-4-KPM45-P-TiAIN	23.5	4	KPM45	M4.0/M3.0X19
KS2400-4-KPM45-P-TiAIN	24.0	4	KPM45	M4.0/M3.0X19
KS2450-5-KPM45-P-TiAIN	24.5	5	KPM45	M5.0/M4.0X23
KS2500-5-KPM45-P-TiAIN	25.0	5	KPM45	M5.0/M4.0X23
KS2550-5-KPM45-P-TiAIN	25.5	5	KPM45	M5.0/M4.0X23
KS2600-5-KPM45-P-TiAIN	26.0	5	KPM45	M5.0/M4.0X23
KS2650-6-KPM45-P-TiAIN	26.5	6	KPM45	M5.0/M4.0X23
KS2700-6-KPM45-P-TiAIN	27.0	6	KPM45	M5.0/M4.0X23
KS2750-6-KPM45-P-TiAIN	27.5	6	KPM45	M5.0/M4.0X23
KS2800-6-KPM45-P-TiAIN	28.0	6	KPM45	M5.0/M4.0X23
KS2850-7-KPM45-P-TiAIN	28.5	7	KPM45	M6.0/M5.0X28
KS2900-7-KPM45-P-TiAIN	29.0	7	KPM45	M6.0/M5.0X28

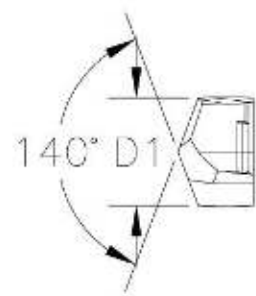
>>> KPM45-P通用槽型钻尖 KPM45-P Universal drill tip

型号 Designation	钻尖直径 Diameter of drill tip	匹配刀座 Tool holder	钻尖材质 Drill tip material	螺丝 Screw
KS2950-7-KPM45-P-TiAIN	29.5	7	KPM45	M6.0/M5.0X28
KS3000-7-KPM45-P-TiAIN	30.0	7	KPM45	M6.0/M5.0X28
KS3050-8-KPM45-P-TiAIN	30.5	8	KPM45	M6.0/M5.0X28
KS3100-8-KPM45-P-TiAIN	31.0	8	KPM45	M6.0/M5.0X28
KS3150-8-KPM45-P-TiAIN	31.5	8	KPM45	M6.0/M5.0X28
KS3200-8-KPM45-P-TiAIN	32.0	8	KPM45	M6.0/M5.0X28
KS3250-9-KPM45-P-TiAIN	32.5	9	KPM45	M6.0/M6.0X32
KS3300-9-KPM45-P-TiAIN	33.0	9	KPM45	M6.0/M6.0X32
KS3350-9-KPM45-P-TiAIN	33.5	9	KPM45	M6.0/M6.0X32
KS3400-9-KPM45-P-TiAIN	34.0	9	KPM45	M6.0/M6.0X32
KS3450-9-KPM45-P-TiAIN	34.5	9	KPM45	M6.0/M6.0X32
KS3500-9-KPM45-P-TiAIN	35.0	9	KPM45	M6.0/M6.0X32
KS3550-9-KPM45-P-TiAIN	35.5	9	KPM45	M6.0/M6.0X32
KS3600-10-KPM45-P-TiAIN	36.0	10	KPM45	M6.0/M6.0X32
KS3650-10-KPM45-P-TiAIN	36.5	10	KPM45	M6.0/M6.0X32
KS3700-10-KPM45-P-TiAIN	37.0	10	KPM45	M6.0/M6.0X32
KS3750-10-KPM45-P-TiAIN	37.5	10	KPM45	M6.0/M6.0X32
KS3800-10-KPM45-P-TiAIN	38.0	10	KPM45	M6.0/M6.0X32
KS3850-10-KPM45-P-TiAIN	38.5	10	KPM45	M6.0/M6.0X32
KS3900-10-KPM45-P-TiAIN	39.0	10	KPM45	M6.0/M6.0X32
KS3950-10-KPM45-P-TiAIN	39.5	10	KPM45	M6.0/M6.0X32
KS4000-10-KPM45-P-TiAIN	40.0	10	KPM45	M6.0/M6.0X32

>>> KPM45-P切削参数 KPM45-P Cutting data

材料分组 Material Group		Vc m/min			根据直径推荐进给率 (f) Recommended feed rate based on diameter						
		Min	Mid	Max		12.5	16	20	25	32	40
P	1	100	110	120	mm/转	0.15-0.31	0.17-0.36	0.19-0.41	0.25-0.53	0.29-0.60	0.33-0.69
	2	80	95	110	mm/转	0.15-0.31	0.17-0.36	0.19-0.41	0.25-0.53	0.29-0.60	0.33-0.69
	3	65	70	80	mm/转	0.15-0.31	0.17-0.36	0.19-0.41	0.25-0.53	0.29-0.60	0.33-0.69
M	1	30	60	90	mm/转	0.09-0.14	0.11-0.17	0.13-0.20	0.16-0.25	0.18-0.28	0.21-0.31
	2	30	50	90	mm/转	0.09-0.14	0.11-0.17	0.13-0.20	0.16-0.25	0.18-0.28	0.21-0.31
	3	20	40	60	mm/转	0.09-0.14	0.11-0.17	0.13-0.20	0.16-0.25	0.18-0.28	0.21-0.31

>>> KMS35-M不锈钢槽型钻尖 KMS35-M Drill tip for stainless steel



型号 Designation	钻尖直径 Diameter of drill tip	匹配刀座 Tool holder	钻尖材质 Drill tip material	螺丝 Screw
KS1250-C-KMS35-M-TiAIN	12.5	C	KMS35	M3.0/M2.5X14
KS1300-C-KMS35-M-TiAIN	13.0	C	KMS35	M3.0/M2.5X14
KS1350-C-KMS35-M-TiAIN	13.5	C	KMS35	M3.0/M2.5X14
KS1400-B-KMS35-M-TiAIN	14.0	B	KMS35	M3.0/M2.5X14
KS1450-B-KMS35-M-TiAIN	14.5	B	KMS35	M3.0/M2.5X14
KS1500-A-KMS35-M-TiAIN	15.0	A	KMS35	M3.0/M2.5X14
KS1550-A-KMS35-M-TiAIN	15.5	A	KMS35	M3.0/M2.5X14
KS1600-1-KMS35-M-TiAIN	16.0	1	KMS35	M3.5/M2.5X16
KS1650-1-KMS35-M-TiAIN	16.5	1	KMS35	M3.5/M2.5X16
KS1700-1-KMS35-M-TiAIN	17.0	1	KMS35	M3.5/M2.5X16
KS1750-1-KMS35-M-TiAIN	17.5	1	KMS35	M3.5/M2.5X16
KS1800-1-KMS35-M-TiAIN	18.0	1	KMS35	M3.5/M2.5X16
KS1850-2-KMS35-M-TiAIN	18.5	2	KMS35	M3.5/M2.5X16
KS1900-2-KMS35-M-TiAIN	19.0	2	KMS35	M3.5/M2.5X16
KS1950-2-KMS35-M-TiAIN	19.5	2	KMS35	M3.5/M2.5X16
KS2000-3-KMS35-M-TiAIN	20.0	3	KMS35	M4.0/M3.0X19
KS2050-3-KMS35-M-TiAIN	20.5	3	KMS35	M4.0/M3.0X19
KS2100-3-KMS35-M-TiAIN	21.0	3	KMS35	M4.0/M3.0X19
KS2150-3-KMS35-M-TiAIN	21.5	3	KMS35	M4.0/M3.0X19
KS2200-3-KMS35-M-TiAIN	22.0	3	KMS35	M4.0/M3.0X19
KS2250-4-KMS35-M-TiAIN	22.5	4	KMS35	M4.0/M3.0X19
KS2300-4-KMS35-M-TiAIN	23.0	4	KMS35	M4.0/M3.0X19
KS2350-4-KMS35-M-TiAIN	23.5	4	KMS35	M4.0/M3.0X19
KS2400-4-KMS35-M-TiAIN	24.0	4	KMS35	M4.0/M3.0X19
KS2450-5-KMS35-M-TiAIN	24.5	5	KMS35	M5.0/M4.0X23
KS2500-5-KMS35-M-TiAIN	25.0	5	KMS35	M5.0/M4.0X23
KS2550-5-KMS35-M-TiAIN	25.5	5	KMS35	M5.0/M4.0X23
KS2600-5-KMS35-M-TiAIN	26.0	5	KMS35	M5.0/M4.0X23
KS2650-6-KMS35-M-TiAIN	26.5	6	KMS35	M5.0/M4.0X23
KS2700-6-KMS35-M-TiAIN	27.0	6	KMS35	M5.0/M4.0X23
KS2750-6-KMS35-M-TiAIN	27.5	6	KMS35	M5.0/M4.0X23
KS2800-6-KMS35-M-TiAIN	28.0	6	KMS35	M5.0/M4.0X23
KS2850-7-KMS35-M-TiAIN	28.5	7	KMS35	M6.0/M5.0X28
KS2900-7-KMS35-M-TiAIN	29.0	7	KMS35	M6.0/M5.0X28

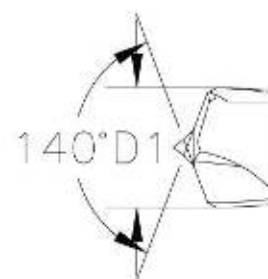
>>> KMS35-M不锈钢槽型钻尖 KMS35-M Drill tip for stainless steel

型号 Designation	钻尖直径 Diameter of drill tip	匹配刀座 Tool holder	钻尖材质 Drill tip material	螺丝 Screw
KS2950-7-KMS35-M-TiAIN	29.5	7	KMS35	M6.0/M5.0X28
KS3000-7-KMS35-M-TiAIN	30.0	7	KMS35	M6.0/M5.0X28
KS3050-8-KMS35-M-TiAIN	30.5	8	KMS35	M6.0/M5.0X28
KS3100-8-KMS35-M-TiAIN	31.0	8	KMS35	M6.0/M5.0X28
KS3150-8-KMS35-M-TiAIN	31.5	8	KMS35	M6.0/M5.0X28
KS3200-8-KMS35-M-TiAIN	32.0	8	KMS35	M6.0/M5.0X28
KS3250-9-KMS35-M-TiAIN	32.5	9	KMS35	M6.0/M6.0X32
KS3300-9-KMS35-M-TiAIN	33.0	9	KMS35	M6.0/M6.0X32
KS3350-9-KMS35-M-TiAIN	33.5	9	KMS35	M6.0/M6.0X32
KS3400-9-KMS35-M-TiAIN	34.0	9	KMS35	M6.0/M6.0X32
KS3450-9-KMS35-M-TiAIN	34.5	9	KMS35	M6.0/M6.0X32
KS3500-9-KMS35-M-TiAIN	35.0	9	KMS35	M6.0/M6.0X32
KS3550-9-KMS35-M-TiAIN	35.5	9	KMS35	M6.0/M6.0X32
KS3600-10-KMS35-M-TiAIN	36.0	10	KMS35	M6.0/M6.0X32
KS3650-10-KMS35-M-TiAIN	36.5	10	KMS35	M6.0/M6.0X32
KS3700-10-KMS35-M-TiAIN	37.0	10	KMS35	M6.0/M6.0X32
KS3750-10-KMS35-M-TiAIN	37.5	10	KMS35	M6.0/M6.0X32
KS3800-10-KMS35-M-TiAIN	38.0	10	KMS35	M6.0/M6.0X32
KS3850-10-KMS35-M-TiAIN	38.5	10	KMS35	M6.0/M6.0X32
KS3900-10-KMS35-M-TiAIN	39.0	10	KMS35	M6.0/M6.0X32
KS3950-10-KMS35-M-TiAIN	39.5	10	KMS35	M6.0/M6.0X32
KS4000-10-KMS35-M-TiAIN	40.0	10	KMS35	M6.0/M6.0X32

>>> KMS35-M切削参数 KMS35-M Cutting data

材料分组 Material Group		Vc m/min			根据直径推荐进给率 (f) Recommended feed rate based on diameter						
		Min	Mid	Max		12.5	16	20	25	32	40
P	1	110	140	170	mm/转	0.15-0.31	0.17-0.36	0.19-0.41	0.25-0.53	0.29-0.60	0.33-0.69
	2	100	120	140	mm/转	0.15-0.31	0.17-0.36	0.19-0.41	0.25-0.53	0.29-0.60	0.33-0.69
	3	80	100	120	mm/转	0.15-0.31	0.17-0.36	0.19-0.41	0.25-0.53	0.29-0.60	0.33-0.69
M	1	40	60	80	mm/转	0.09-0.14	0.11-0.17	0.13-0.20	0.16-0.25	0.18-0.28	0.21-0.31
	2	35	55	70	mm/转	0.09-0.14	0.11-0.17	0.13-0.20	0.16-0.25	0.18-0.28	0.21-0.31
	3	20	40	60	mm/转	0.09-0.14	0.11-0.17	0.13-0.20	0.16-0.25	0.18-0.28	0.21-0.31

>>> K7410-K铸铁槽型钻尖 K7410-K Drill tip for cast iron



型号 Designation	钻尖直径 Diameter of drill tip	匹配刀座 Tool holder	钻尖材质 Drill tip material	螺丝 Screw
KS1250-C-K7410-K-AlCr	12.5	C	K7410	M3.0/M2.5X14
KS1300-C-K7410-K-AlCr	13.0	C	K7410	M3.0/M2.5X14
KS1350-C-K7410-K-AlCr	13.5	C	K7410	M3.0/M2.5X14
KS1400-B-K7410-K-AlCr	14.0	B	K7410	M3.0/M2.5X14
KS1450-B-K7410-K-AlCr	14.5	B	K7410	M3.0/M2.5X14
KS1500-A-K7410-K-AlCr	15.0	A	K7410	M3.0/M2.5X14
KS1550-A-K7410-K-AlCr	15.5	A	K7410	M3.0/M2.5X14
KS1600-1-K7410-K-AlCr	16.0	1	K7410	M3.5/M2.5X16
KS1650-1-K7410-K-AlCr	16.5	1	K7410	M3.5/M2.5X16
KS1700-1-K7410-K-AlCr	17.0	1	K7410	M3.5/M2.5X16
KS1750-1-K7410-K-AlCr	17.5	1	K7410	M3.5/M2.5X16
KS1800-1-K7410-K-AlCr	18.0	1	K7410	M3.5/M2.5X16
KS1850-2-K7410-K-AlCr	18.5	2	K7410	M3.5/M2.5X16
KS1900-2-K7410-K-AlCr	19.0	2	K7410	M3.5/M2.5X16
KS1950-2-K7410-K-AlCr	19.5	2	K7410	M3.5/M2.5X16
KS2000-3-K7410-K-AlCr	20.0	3	K7410	M4.0/M3.0X19
KS2050-3-K7410-K-AlCr	20.5	3	K7410	M4.0/M3.0X19
KS2100-3-K7410-K-AlCr	21.0	3	K7410	M4.0/M3.0X19
KS2150-3-K7410-K-AlCr	21.5	3	K7410	M4.0/M3.0X19
KS2200-3-K7410-K-AlCr	22.0	3	K7410	M4.0/M3.0X19
KS2250-4-K7410-K-AlCr	22.5	4	K7410	M4.0/M3.0X19
KS2300-4-K7410-K-AlCr	23.0	4	K7410	M4.0/M3.0X19
KS2350-4-K7410-K-AlCr	23.5	4	K7410	M4.0/M3.0X19
KS2400-4-K7410-K-AlCr	24.0	4	K7410	M4.0/M3.0X19
KS2450-5-K7410-K-AlCr	24.5	5	K7410	M5.0/M4.0X23
KS2500-5-K7410-K-AlCr	25.0	5	K7410	M5.0/M4.0X23
KS2550-5-K7410-K-AlCr	25.5	5	K7410	M5.0/M4.0X23
KS2600-5-K7410-K-AlCr	26.0	5	K7410	M5.0/M4.0X23
KS2650-6-K7410-K-AlCr	26.5	6	K7410	M5.0/M4.0X23
KS2700-6-K7410-K-AlCr	27.0	6	K7410	M5.0/M4.0X23
KS2750-6-K7410-K-AlCr	27.5	6	K7410	M5.0/M4.0X23
KS2800-6-K7410-K-AlCr	28.0	6	K7410	M5.0/M4.0X23
KS2850-7-K7410-K-AlCr	28.5	7	K7410	M6.0/M5.0X28
KS2900-7-K7410-K-AlCr	29.0	7	K7410	M6.0/M5.0X28

>>> K7410-K铸铁槽型钻尖 K7410-K Drill tip for cast iron

型号 Designation	钻尖直径 Diameter of drill tip	匹配刀座 Tool holder	钻尖材质 Drill tip material	螺丝 Screw
KS2950-7-K7410-K-AlCr	29.5	7	K7410	M6.0/M5.0X28
KS3000-7-K7410-K-AlCr	30.0	7	K7410	M6.0/M5.0X28
KS3050-8-K7410-K-AlCr	30.5	8	K7410	M6.0/M5.0X28
KS3100-8-K7410-K-AlCr	31.0	8	K7410	M6.0/M5.0X28
KS3150-8-K7410-K-AlCr	31.5	8	K7410	M6.0/M5.0X28
KS3200-8-K7410-K-AlCr	32.0	8	K7410	M6.0/M5.0X28
KS3250-9-K7410-K-AlCr	32.5	9	K7410	M6.0/M6.0X32
KS3300-9-K7410-K-AlCr	33.0	9	K7410	M6.0/M6.0X32
KS3350-9-K7410-K-AlCr	33.5	9	K7410	M6.0/M6.0X32
KS3400-9-K7410-K-AlCr	34.0	9	K7410	M6.0/M6.0X32
KS3450-9-K7410-K-AlCr	34.5	9	K7410	M6.0/M6.0X32
KS3500-9-K7410-K-AlCr	35.0	9	K7410	M6.0/M6.0X32
KS3550-9-K7410-K-AlCr	35.5	9	K7410	M6.0/M6.0X32
KS3600-10-K7410-K-AlCr	36.0	10	K7410	M6.0/M6.0X32
KS3650-10-K7410-K-AlCr	36.5	10	K7410	M6.0/M6.0X32
KS3700-10-K7410-K-AlCr	37.0	10	K7410	M6.0/M6.0X32
KS3750-10-K7410-K-AlCr	37.5	10	K7410	M6.0/M6.0X32
KS3800-10-K7410-K-AlCr	38.0	10	K7410	M6.0/M6.0X32
KS3850-10-K7410-K-AlCr	38.5	10	K7410	M6.0/M6.0X32
KS3900-10-K7410-K-AlCr	39.0	10	K7410	M6.0/M6.0X32
KS3950-10-K7410-K-AlCr	39.5	10	K7410	M6.0/M6.0X32
KS4000-10-K7410-K-AlCr	40.0	10	K7410	M6.0/M6.0X32

>>> K7410-K切削参数K7410-K Cutting data

材料分组 Material Group		Vc			根据直径推荐进给率 (f)						
		m/min			Recommended feed rate based on diameter						
		Min	Mid	Max		12.5	16	20	25	32	40
H	1	100	175	200	mm/转	0.17-0.35	0.21-0.42	0.25-0.48	0.31-0.59	0.37-0.70	0.43-0.81
	2	100	160	180	mm/转	0.17-0.33	0.21-0.41	0.25-0.48	0.31-0.59	0.37-0.70	0.43-0.81
	3	70	85	100	mm/转	0.18-0.36	0.21-0.41	0.21-0.44	0.23-0.48	0.25-0.53	0.27-0.57

>>> 配件及参数 Accessories and parameters

KS皇冠钻杆配件规格 KS crown drill spare part							
型号 Designation	匹配刀座 Tool holder	螺丝 Screw	扳手 Wrench				
			3D	5D	7D	8.5D	10D
Φ12.5-13.49	C	M3.0/M2.5X14	T6*156	T6*156	T6*188	T6*188	T6*230
Φ13.5-14.49	B	M3.0/M2.5X14	T6*156	T6*156	T6*188	T6*188	T6*230
Φ14.5-15.99	A	M3.0/M2.5X14	T6*156	T6*156	T6*188	T6*188	T6*230
Φ16.0-17.99	1	M3.5/M2.5X16	1.5*185	1.5*185	1.5*225	1.5*225	1.5*297
Φ18.0-19.99	2	M3.5/M2.5X16	1.5*185	1.5*185	1.5*225	1.5*297	1.5*297
Φ20.0-21.99	3	M4.0/M3.0X19	2.0*210	2.0*210	2.0*260	2.0*260	2.0*343
Φ22.0-23.99	4	M4.0/M3.0X19	2.0*210	2.0*210	2.0*260	2.0*343	2.0*343
Φ24.0-25.99	5	M5.0/M4.0X23	2.5*240	2.5*240	2.5*295	2.5*393	2.5*393
Φ26.0-27.99	6	M5.0/M4.0X23	2.5*240	2.5*240	2.5*295	2.5*393	2.5*393
Φ28.0-29.99	7	M6.0/M5.0X28	3.0*265	3.0*265	3.0*330	3.0*439	3.0*439
Φ30.0-31.99	8	M6.0/M5.0X28	3.0*265	3.0*265	3.0*330	3.0*439	3.0*439
Φ32.0-35.99	9	M6.0/M6.0X32	3.0*265	3.0*330	3.0*439	3.0*439	3.0*530
Φ36.0-40.00	10	M6.0/M6.0X32	3.0*265	3.0*330	3.0*439	3.0*530	3.0*530

建议冷却压力参数 Recommended cooling pressure parameters	
钻孔深度 Dorehole depth	冷却压力 Cooling pressure
3D	0.8MPa
8.5D	1.2MPa
7D	2.0MPa
8.5D	2.5MPa
10D	3.0MPa

KS皇冠钻尖公差值 KS crown diamond drill tip tolerance values	
钻尖直径 Drill diameter	公差h8 Tolerance h8
Φ12.50-18	0.00/-0.03
Φ18.01-30	0.00/-0.035
Φ30.01-40	0.00/-0.04

>>> 钻尖的安装方法 Installation method of drill tip



- 1.使用扳手对中心锁紧螺丝进行高度设置。
Use a wrench to set the height of the central locking screw.
- 2.使用扳手顺时针旋转中心锁紧螺丝，直至钻尖底面与钻杆刀片平面贴合。
Use a wrench to rotate the center locking screw clockwise until the bottom surface of the drill tip fully fits into the plane of the drill pipe blade.
- 3.卸下钻尖时，逆时针旋转，直至钻尖松开。
When removing the drill tip, rotate counter clock wise until the drill tip is released.
- 4.小规格扳手不宜用力过猛，小心拆装！
Small size wrenches should not be used too hard, be careful when disassembling!

>>> U钻钻杆型号编码规则 Code rules for U drill pipe model

A

车削刀具

B

硬质合金刀片

C

铣削刀具

D

钻削刀具

E

硬质合金刀具

C20	5D	16	83	SP06
柄部尺寸 Shank diameter	倍径 Drill length	钻头尺寸 Diameter	长度 Length	刀片型号 Insert type
 螺丝 Screw	 扳手 Wrench	适用刀杆 Tool holder		
M2.0X5	T6	C20-2D13-29SP05 C20-2D15-33SP05		
M2.2X5	T7	C20-2D15.5-34SP06 C25-2D21.5-46SP06		
M2.5X6	T8	C25-2D22-47SP07 C32-2D27.5-58SP07		
M3.5X9	T15	C32-2D28-59SP09 C32-2D33.5-71SP09		
M4.0X9	T15	C32-2D34-72SP11 C40-2D41-87SP11		
M5.0X12	I20	C40-2D42-89SP14 C40-2D50-105SP14		
 螺丝 Screw	 扳手 Wrench	适用刀杆 Tool holder		
M2.5X6	T8	C20-2D13-29WC03 C20-2D20.5-44WC03		
M2.5X6	T8	C20-2D21-45WC04 C25-2D24.5-52WC04		
M3.0X8	T8	C25-2D25-53WC05 C32-2D30.5-65WC05		
M3.5X9	T15	C32-2D31-66WC06 C40-2D41-87WC06		
M4.0X9	T15	C40-2D42-89WC08 C40-2D50-105WC08		

>>> 可转位U钻尖刀片 Indexable U drill insert

A

车削刀具

B

硬质合金刀片

C

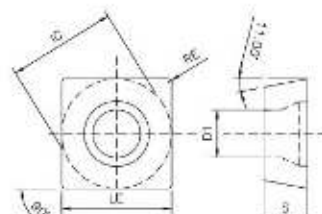
铣削刀具

D

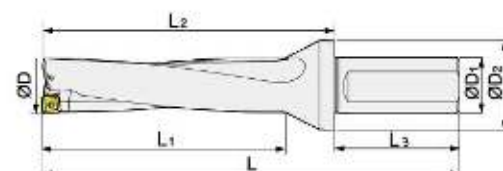
钻削刀具

E

硬质合金刀具

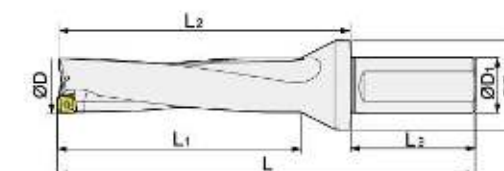


>>> SP型U钻 2D U drill for SP inserts



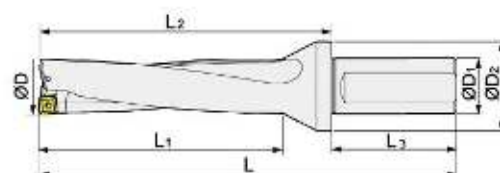
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	φD	φD1	L	L1	L2	L3			
C20-2D13-29SP05	13	20	88	29	44	44	SR.050204	M2.0X5	T6
C20-2D13.5-30SP05	13.5	20	89	30	45	44			
C20-2D14-31SP05	14	20	90	31	46	44			
C20-2D14.5-32SP05	14.5	20	91	32	47	44			
C20-2D15-33SP05	15	20	92	33	48	44			
C20-2D15.5-34SP05	15.5	20	93	34	49	44	SR.060204	M2.2X5	T7
C20-2D16-35SP06	16	20	94	35	50	44			
C20-2D16.5-36SP06	16.5	20	95	36	51	44			
C20-2D17-37SP06	17	20	96	37	52	44			
C25-2D17.5-38SP06	17.5	25	109	38	53	56			
C25-2D18-39SP06	18	25	110	39	54	56			
C25-2D18.5-40SP06	18.5	25	111	40	55	56			
C25-2D19-41SP06	19	25	112	41	56	56			
C25-2D19.5-42SP06	19.5	25	113	42	57	56			
C25-2D20-43SP06	20	25	114	43	58	56			
C25-2D20.5-44SP06	20.5	25	115	44	59	56	SR.07T308	M2.5X6	T8
C25-2D21-45SP06	21	25	116	45	60	56			
C25-2D21.5-46SP06	21.5	25	117	46	61	56			
C25-2D22-47SP07	22	25	118	47	62	56			
C25-2D22.5-48SP07	22.5	25	119	48	63	56			
C25-2D23-49SP07	23	25	123	49	67	56			
C25-2D23.5-50SP07	23.5	25	124	50	68	56			
C25-2D24-51SP07	24	25	125	51	69	56			
C25-2D24.5-52SP07	24.5	25	126	52	70	56			
C25-2D25-53SP07	25	25	127	53	71	56			
C32-2D25.5-54SP07	25.5	32	134	54	74	60	SR.090408	M3.5X9	T15
C32-2D26-55SP07	26	32	135	55	75	60			
C32-2D26.5-56SP07	26.5	32	136	56	76	60			
C32-2D27-57SP07	27	32	137	57	77	60			
C32-2D27.5-58SP07	27.5	32	138	58	78	60			
C32-2D28-59SP07	28	32	139	59	79	60	SR.140512	M5.0X12	T20
C32-2D28.5-60SP07	28.5	32	140	60	80	60			
C32-2D29-62SP09	29	32	143	62	83	60			
C32-2D29.5-63SP09	29.5	32	144	63	84	60			
C32-2D30-64SP09	30	32	148	64	88	60			
C32-2D30.5-65SP09	30.5	32	149	65	89	60			
C32-2D31-66SP09	31	32	150	66	90	60			
C32-2D31.5-67SP09	31.5	32	151	67	91	60			
C32-2D32-68SP09	32	32	152	68	92	60			
C32-2D32.5-69SP09	32.5	32	153	69	93	60			
C32-2D33-70SP09	33	32	154	70	94	60	SR.110408	M4.0X9	T15
C32-2D33.5-71SP09	33.5	32	155	71	95	60			
C32-2D34-72SP09	34	32	156	72	96	60			
C32-2D34.5-73SP09	34.5	32	157	73	97	60			
C32-2D35-74SP11	35	32	158	74	98	60			
C32-2D35.5-75SP11	35.5	32	159	75	99	60			
C32-2D36-76SP11	36	32	160	76	100	60			
C32-2D36.5-77SP11	36.5	32	161	77	101	60			
C32-2D37-79SP11	37	32	169	79	109	60			
C32-2D37.5-80SP11	37.5	32	170	80	110	60			
C32-2D38-81SP11	38	32	171	81	111	60	SR.140512	M5.0X12	T20
C32-2D38.5-82SP11	38.5	32	172	82	112	60			
C32-2D39-83SP11	39	32	173	83	113	60			
C32-2D39.5-84SP11	39.5	32	174	84	114	60			
C40-2D40-85SP11	40	40	185	85	115	70			
C40-2D41-87SP11	41	40	187	87	117	70			
C40-2D42-89SP14	42	40	189	89	119	70			
C40-2D43-91SP14	43	40	191	91	121	70			
C40-2D44-93SP14	44	40	193	93	123	70			
C40-2D45-95SP14	45	40	195	95	125	70			
C40-2D46-97SP14	46	40	197	97	127	70	SR.140512	M5.0X12	T20
C40-2D47-99SP14	47	40	199	99	129	70			
C40-2D48-101SP14	48	40	201	101	131	70			
C40-2D49-103SP14	48	40	203	103	133	70			
C40-2D50-105SP14	50	40	205	105	135	70			

>>> SP型U钻 2D U drill for SP inserts



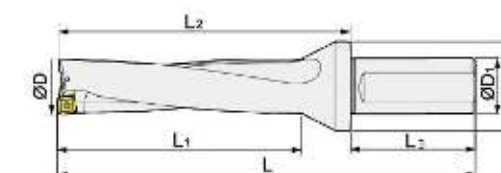
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	φD	φD1	L	L1	L2	L3			
C32-2D30-64SP09	30	32	148	64	88	60	SR.090408	M3.5X9	T15
C32-2D30.5-65SP09	30.5	32	149	65	89	60			
C32-2D31-66SP09	31	32	150	66	90	60			
C32-2D31.5-67SP09	31.5	32	151	67	91	60			
C32-2D32-68SP09	32	32	152	68	92	60			
C32-2D32.5-69SP09	32.5	32	153	69	93	60			
C32-2D33-70SP09	33	32	154	70	94	60			
C32-2D33.5-71SP09	33.5	32	155	71	95	60			
C32-2D34-72SP09	34	32	156	72	96	60			
C32-2D34.5-73SP09	34.5	32	157	73	97	60			
C32-2D35-74SP11	35	32	158	74	98	60	SR.110408	M4.0X9	T15
C32-2D35.5-75SP11	35.5	32	159	75	99	60			
C32-2D36-76SP11	36	32	160	76	100	60			
C32-2D36.5-77SP11	36.5	32	161	77	101	60			
C32-2D37-79SP11	37	32	169	79	109	60			
C32-2D37.5-80SP11	37.5	32	170	80	110	60			
C32-2D38-81SP11	38	32	171	81	111	60			
C32-2D38.5-82SP11	38.5	32	172	82	112	60			
C32-2D39-83SP11	39	32	173	83	113	60			
C32-2D39.5-84SP11	39.5	32	174	84	114	60			
C40-2D40-85SP11	40	40	185	85	115	70	SR.140512	M5.0X12	T20
C40-2D41-87SP11	41	40	187	87	117	70			
C40-2D42-89SP14	42	40	189	89	119	70			
C40-2D43-91SP14	43	40	191	91	121	70			
C40-2D44-93SP14	44	40	193	93	123	70			
C40-2D45-95SP14	45	40	195	95	125	70			
C40-2D46-97SP14	46	40	197	97	127	70			
C40-2D47-99SP14	47	40	199	99	129	70			
C40-2D48-101SP14	48	40	201	101	131	70			
C40-2D49-103SP14	48	40	203	103	133	70			
C40-2D50-105SP14	50	40	205	105	135	70			

>>> SP型U钻 3D U drill for SP inserts



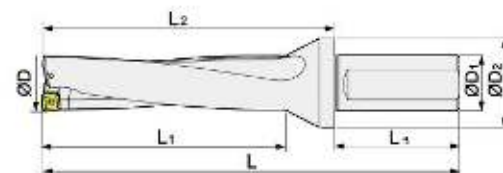
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	ΦD	ΦD1	L	L1	L2	L3			
C20-3D13-42SP05	13	20	101	42	57	44	SR.050204	M2.0X5	T6
C20-3D13.5-44SP05	13.5	20	103	44	59	44			
C20-3D14-45SP05	14	20	104	45	60	44			
C20-3D14.5-47SP05	14.5	20	106	47	62	44			
C20-3D15-48SP05	15	20	107	48	63	44			
C20-3D15.5-50SP05	15.5	20	109	50	65	44	SR.060204	M2.2X5	T7
C20-3D16-51SP06	16	20	110	51	66	44			
C20-3D16.5-53SP06	16.5	20	112	53	68	44			
C20-3D17-54SP06	17	20	113	54	69	44			
C25-3D17.5-56SP06	17.5	25	127	56	71	56			
C25-3D18-57SP06	18	25	128	57	72	56			
C25-3D18.5-59SP06	18.5	25	130	59	74	56			
C25-3D19-60SP06	19	25	131	60	75	56			
C25-3D19.5-62SP06	19.5	25	133	62	77	56			
C25-3D20-63SP06	20	25	134	63	78	56			
C25-3D20.5-65SP06	20.5	25	136	65	80	56	SR.07T308	M2.5X6	T8
C25-3D21-66SP06	21	25	137	66	81	56			
C25-3D21.5-68SP06	21.5	25	139	68	83	56			
C25-3D22-69SP07	22	25	140	69	84	56			
C25-3D22.5-71SP07	22.5	25	142	71	86	56			
C25-3D23-72SP07	23	25	146	72	90	56			
C25-3D23.5-74SP07	23.5	25	148	74	92	56			
C25-3D24-75SP07	24	25	149	75	93	56			
C25-3D24.5-77SP07	24.5	25	151	77	95	56			
C25-3D25-78SP07	25	25	152	78	96	56			
C32-3D25.5-80SP07	25.5	32	160	80	100	60	SR.090408	M3.5X9	T15
C32-3D26-81SP07	26	32	161	81	101	60			
C32-3D26.5-83SP07	26.5	32	163	83	103	60			
C32-3D27-84SP07	27	32	164	84	104	60			
C32-3D27.5-86SP07	27.5	32	166	86	106	60			
C32-3D28-87SP07	28	32	167	87	107	60			
C32-3D28.5-89SP07	28.5	32	169	89	109	60			
C32-3D29-91SP09	29	32	172	91	112	60			
C32-3D29.5-93SP09	29.5	32	174	93	114	60			

>>> SP型U钻 3D U drill for SP inserts



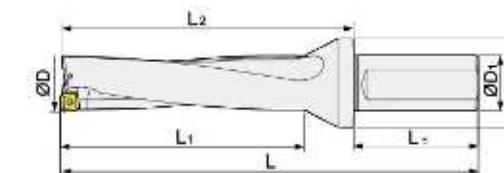
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	ΦD	ΦD1	L	L1	L2	L3			
C32-3D30-94SP09	30	32	178	94	118	60	SR.090408	M3.5X9	T15
C32-3D30.5-96SP09	30.5	32	180	96	120	60			
C32-3D31-97SP09	31	32	181	97	121	60			
C32-3D31.5-99SP09	31.5	32	183	99	123	60			
C32-3D32-100SP09	32	32	184	100	124	60			
C32-3D32.5-102SP09	32.5	32	186	102	126	60			
C32-3D33-103SP09	33	32	187	103	127	60			
C32-3D33.5-105SP09	33.5	32	189	105	129	60			
C32-3D34-106SP09	34	32	190	106	130	60			
C32-3D34.5-108SP09	34.5	32	192	108	132	60			
C32-3D35-109SP11	35	32	193	109	133	60	SR.110408	M4.0X9	T15
C32-3D35.5-111SP11	35.5	32	195	111	135	60			
C32-3D36-112SP11	36	32	196	112	136	60			
C32-3D36.5-114SP11	36.5	32	198	114	138	60			
C32-3D37-116SP11	37	32	206	116	146	60			
C32-3D37.5-118SP11	37.5	32	208	118	148	60			
C32-3D38-119SP11	38	32	209	119	149	60			
C32-3D38.5-121SP11	38.5	32	211	121	151	60			
C32-3D39-122SP11	39	32	212	122	152	60			
C32-3D39.5-124SP11	39.5	32	214	124	154	60			
C40-3D40-125SP11	40	40	225	125	155	70	SR.140512	M5.0X12	T20
C40-3D41-128SP11	41	40	228	128	158	70			
C40-3D42-131SP14	42	40	231	131	161	70			
C40-3D43-134SP14	43	40	234	134	164	70			
C40-3D44-137SP14	44	40	237	137	167	70			
C40-3D45-140SP14	45	40	240	140	170	70			
C40-3D46-143SP14	46	40	243	143	173	70			
C40-3D47-146SP14	47	40	246	146	176	70			
C40-3D48-149SP14	48	40	249	149	179	70			
C40-3D49-152SP14	49	40	252	152	182	70			
C40-3D50-155SP14	50	40	255	155	185	70			

>>> SP型U钻 4D U drill for SP inserts



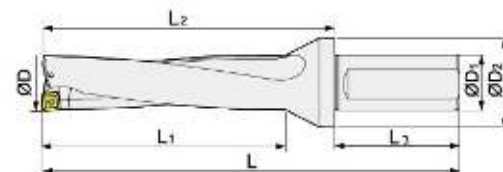
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C20-4D13-55SP05	13	20	114	55	70	44	SR.050204	M2.0X5	T6
C20-4D13.5-57SP05	13.5	20	116	57	72	44			
C20-4D14-59SP05	14	20	118	59	74	44			
C20-4D14.5-61SP05	14.5	20	120	61	76	44			
C20-4D15-63SP05	15	20	122	63	78	44			
C20-4D15.5-65SP05	15.5	20	124	65	80	44			
C20-4D16-67SP06	16	20	126	67	82	44	SR.060204	M2.2X5	T7
C20-4D16.5-69SP06	16.5	20	128	69	84	44			
C20-4D17-71SP06	17	20	130	71	86	44			
C25-4D17.5-73SP06	17.5	25	144	73	88	56			
C25-4D18-75SP06	18	25	146	75	90	56			
C25-4D18.5-77SP06	18.5	25	148	77	92	56			
C25-4D19-79SP06	19	25	150	79	94	56			
C25-4D19.5-81SP06	19.5	25	152	81	96	56			
C25-4D20-83SP06	20	25	154	83	98	56			
C25-4D20.5-85SP06	20.5	25	156	85	100	56			
C25-4D21-87SP06	21	25	158	87	102	56	SR.071308	M2.5X6	T8
C25-4D21.5-89SP06	21.5	25	160	89	104	56			
C25-4D22-91SP07	22	25	162	91	106	56			
C25-4D22.5-93SP07	22.5	25	164	93	108	56			
C25-4D23-95SP07	23	25	169	95	113	56			
C25-4D23.5-97SP07	23.5	25	171	97	115	56			
C25-4D24-99SP07	24	25	173	99	117	56			
C25-4D24.5-101SP07	24.5	25	175	101	119	56			
C25-4D25-103SP07	25	25	177	103	121	56			
C32-4D25.5-105SP07	25.5	32	185	105	125	60			
C32-4D26-107SP07	26	32	187	107	127	60	SR.090408	M3.5X9	T15
C32-4D26.5-109SP07	26.5	32	189	109	129	60			
C32-4D27-111SP07	27	32	191	111	131	60			
C32-4D27.5-113SP07	27.5	32	193	113	133	60			
C32-4D28-115SP07	28	32	195	115	135	60			
C32-4D28.5-117SP07	28.5	32	197	117	137	60			
C32-4D29-120SP09	29	32	201	120	141	60			
C32-4D29.5-122SP09	29.5	32	203	122	143	60			

>>> SP型U钻 4D U drill for SP inserts



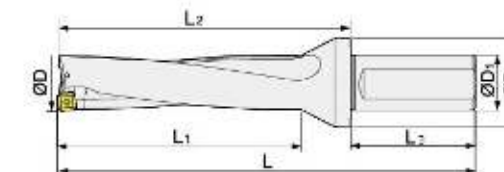
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C32-4D30-124SP09	30	32	208	124	148	60	SR.090408	M3.5X9	T15
C32-4D30.5-126SP09	30.5	32	210	126	150	60			
C32-4D31-128SP09	31	32	212	128	152	60			
C32-4D31.5-130SP09	31.5	32	214	130	154	60			
C32-4D32-132SP09	32	32	216	132	156	60			
C32-4D32.5-134SP09	32.5	32	218	134	158	60			
C32-4D33-136SP09	33	32	220	136	160	60			
C32-4D33.5-138SP09	33.5	32	222	138	162	60			
C32-4D34-140SP09	34	32	224	140	164	60			
C32-4D34.5-142SP09	34.5	32	226	142	166	60			
C32-4D35-144SP11	35	32	228	144	168	60	SR.110408	M4.0X9	T15
C32-4D35.5-146SP11	35.5	32	230	146	170	60			
C32-4D36-148SP11	36	32	232	148	172	60			
C32-4D36.5-150SP11	36.5	32	236	150	174	60			
C32-4D37-153SP11	37	32	243	153	183	60			
C32-4D37.5-155SP11	37.5	32	245	155	185	60			
C32-4D38-157SP11	38	32	247	157	187	60			
C32-4D38.5-159SP11	38.5	32	249	159	189	60			
C32-4D39-161SP11	39	32	251	161	191	60			
C32-4D39.5-163SP11	39.5	32	253	163	193	60			
C40-4D40-165SP11	40	40	265	165	195	70	SR.140512	M5.0X12	T20
C40-4D41-169SP11	41	40	269	169	199	70			
C40-4D42-173SP14	42	40	273	173	203	70			
C40-4D43-177SP14	43	40	277	177	207	70			
C40-4D44-181SP14	44	40	281	181	211	70			
C40-4D45-185SP14	45	40	285	185	215	70			
C40-4D46-189SP14	46	40	289	189	219	70			
C40-4D47-193SP14	47	40	293	193	223	70			
C40-4D48-197SP14	48	40	297	197	227	70			
C40-4D49-201SP14	49	40	301	201	231	70			
C40-4D50-205SP14	50	40	305	205	235	70			

>>> SP型U钻 5D U drill for SP inserts



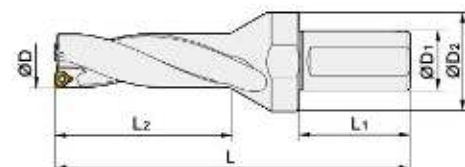
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C20-5D14-59SP05	14	20	133	74	89	44	SP.050204	M2.0X5	T6
C20-5D14.5-61SP05	14.5	20	135	76	91	44			
C20-5D15-78SP05	15	20	137	78	93	44			
C20-5D15.5-80SP05	15.5	20	140	80	95	44			
C20-5D16-83SP06	16	20	142	83	98	44	SP.060204	M2.2X5	T7
C20-5D16.5-86SP06	16.5	20	145	86	101	44			
C20-5D17-88SP06	17	20	147	88	103	44			
C25-5D17.5-91SP06	17.5	25	162	91	106	56			
C25-5D18-93SP06	18	25	164	93	108	56			
C25-5D18.5-96SP06	18.5	25	167	96	111	56			
C25-5D19-98SP06	19	25	169	98	113	56			
C25-5D19.5-101SP06	19.5	25	172	101	116	56			
C25-5D20-103SP06	20	25	174	103	118	56			
C25-5D20.5-106SP06	20.5	25	177	106	121	56			
C25-5D21-108SP06	21	25	179	108	123	56			
C25-5D21.5-111SP06	21.5	25	182	111	126	56			
C25-5D22-113SP07	22	25	184	113	128	56	SP.07T308	M2.5X6	T8
C25-5D22.5-116SP07	22.5	25	187	116	131	56			
C25-5D23-118SP07	23	25	192	118	136	56			
C25-5D23.5-121SP07	23.5	25	195	121	139	56			
C25-5D24-123SP07	24	25	197	123	141	56			
C25-5D24.5-126SP07	24.5	25	200	126	144	56			
C25-5D25-128SP07	25	25	202	128	146	56			
C32-5D25.5-131SP07	25.5	32	213	131	153	60			
C32-5D26-133SP07	26	32	216	133	156	60			
C32-5D26.5-136SP07	26.5	32	217	136	157	60			
C32-5D27-138SP07	27	32	218	138	158	60			
C32-5D27.5-141SP07	27.5	32	221	141	161	60			
C32-5D28-143SP07	28	32	223	143	163	60	SP.090408	M3.5X9	T15
C32-5D28.5-146SP07	28.5	32	226	146	166	60			
C32-5D29-149SP09	29	32	230	149	170	60			
C32-5D29.5-151SP09	29.5	32	233	151	173	60			
C32-5D30-154SP09	30	32	238	154	178	60			
C32-5D30.5-157SP09	30.5	32	241	157	181	60			

>>> SP型U钻 5D U drill for SP inserts



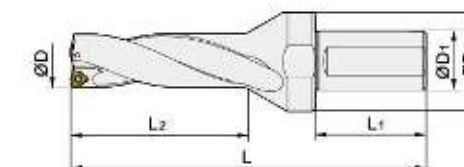
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C32-5D31-159SP09	31	32	243	159	183	60	SP.090408	M3.5X9	T15
C32-5D31.5-162SP09	31.5	32	245	162	185	60			
C32-5D32-164SP09	32	32	248	164	188	60			
C32-5D32.5-167SP09	32.5	32	251	167	191	60			
C32-5D33-169SP09	33	32	253	169	193	60			
C32-5D33.5-172SP09	33.5	32	256	172	195	60			
C32-5D34-174SP09	34	32	258	174	198	60			
C32-5D34.5-177SP09	34.5	32	261	177	201	60			
C32-5D35-179SP11	35	32	263	179	203	60	SP.110408	M4.0X9	T15
C32-5D35.5-182SP11	35.5	32	265	182	205	60			
C32-5D36-184SP11	36	32	268	184	208	60			
C32-5D36.5-187SP11	36.5	32	271	187	211	60			
C32-5D37-183SP11	37	32	280	190	220	60			
C32-5D37.5-193SP11	37.5	32	283	193	223	60			
C32-5D38-195SP11	38	32	285	195	225	60			
C32-5D38.5-198SP11	38.5	32	288	198	228	60			
C32-5D39-200SP11	39	32	290	200	230	60			
C32-5D39.5-203SP11	39.5	32	293	203	233	60			
C40-5D40-205SP11	40	40	305	205	235	70	SP.140512	M5.0X12	T20
C40-5D41-210SP11	41	40	310	210	240	70			
C40-5D42-215SP14	42	40	315	215	245	70			
C40-5D43-220SP14	43	40	320	220	250	70			
C40-5D44-225SP14	44	40	325	225	255	70			
C40-5D45-230SP14	45	40	330	230	260	70			
C40-5D46-235SP14	46	40	335	235	265	70			
C40-5D47-240SP14	47	40	340	240	270	70			
C40-5D48-245SP14	48	40	345	245	275	70			
C40-5D49-250SP14	49	40	350	250	280	70			
C40-5D50-255SP14	50	40	355	255	285	70			

>>> WC型U钻 2D U drill for WC inserts



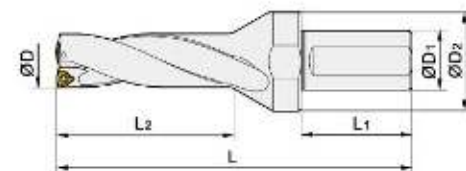
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C20-2D13-29WC03	13	20	88	29	44	44	WC..030208	M2.5X6	T8
C20-2D13.5-30WC03	13.5	20	89	30	45	44			
C20-2D14-31WC03	14	20	90	31	46	44			
C20-2D14.5-32WC03	14.5	20	91	32	47	44			
C20-2D15-33WC03	15	20	92	33	48	44			
C20-2D15.5-34WC03	15.5	20	93	34	49	44			
C20-2D16-35WC03	16	20	94	35	50	44			
C20-2D16.5-36WC03	16.5	20	95	36	51	44			
C20-2D17-37WC03	17	20	96	37	52	44			
C25-2D17.5-38WC03	17.5	25	109	38	53	56			
C25-2D18-39WC03	18	25	110	39	54	56			
C25-2D18.5-40WC03	18.5	25	111	40	55	56			
C25-2D19-41WC03	19	25	112	41	56	56	WC..040208	M2.5X6	T8
C25-2D19.5-42WC03	19.5	25	113	42	57	56			
C25-2D20-43WC03	20	25	114	43	58	56			
C25-2D20.5-44WC03	20.5	25	115	44	59	56			
C25-2D21-45WC04	21	25	116	45	60	56			
C25-2D21.5-46WC04	21.5	25	117	46	61	56			
C25-2D22-47WC04	22	25	118	47	62	56			
C25-2D22.5-48WC04	22.5	25	119	48	63	56			
C25-2D23-49WC04	23	25	123	49	67	56			
C25-2D23.5-50WC04	23.5	25	124	50	68	56			
C25-2D24-51WC04	24	25	125	51	69	56			
C25-2D24.5-52WC04	24.5	25	126	52	70	56	WC..050308	M3.0X8	T8
C25-2D25-53WC05	25	25	127	53	71	56			
C32-2D25.5-54WC05	25.5	32	134	54	74	60			
C32-2D26-55WC05	26	32	135	55	75	60			
C32-2D26.5-56WC05	26.5	32	136	56	76	60			
C32-2D27-57WC05	27	32	137	57	77	60			
C32-2D27.5-58WC05	27.5	32	138	58	78	60			
C32-2D28-59WC05	28	32	139	59	79	60			
C32-2D28.5-60WC05	28.5	32	140	60	80	60			
C32-2D29-62WC05	29	32	143	62	83	60			
C32-2D29.5-63WC05	29.5	32	144	63	84	60			

>>> WC型U钻 2D U drill for WC inserts



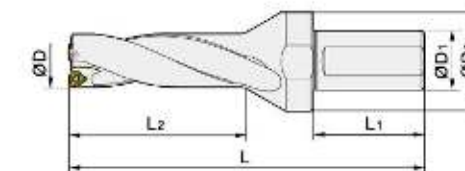
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C32-2D30-64WC05	30	32	148	64	88	60	WC..050308	M3.0X8	T8
C32-2D30.5-65WC05	30.5	32	149	65	89	60			
C32-2D31-66WC06	31	32	150	66	90	60			
C32-2D31.5-67WC06	31.5	32	151	67	91	60			
C32-2D32-68WC06	32	32	152	68	92	60			
C32-2D32.5-69WC06	32.5	32	153	69	93	60			
C32-2D33-70WC06	33	32	154	70	94	60			
C32-2D33.5-71WC06	33.5	32	155	71	95	60			
C32-2D34-72WC06	34	32	156	72	96	60			
C32-2D34.5-73WC06	34.5	32	157	73	97	60			
C32-2D35-74WC06	35	32	158	74	98	60			
C32-2D35.5-75WC06	35.5	32	159	75	99	60	WC..061308	M3.5x9	T15
C32-2D36-76WC06	36	32	160	76	100	60			
C32-2D36.5-77WC06	36.5	32	161	77	101	60			
C32-2D37-79WC06	37	32	169	79	109	60			
C32-2D37.5-80WC06	37.5	32	170	80	110	60			
C32-2D38-81WC06	38	32	171	81	111	60			
C32-2D38.5-82WC06	38.5	32	172	82	112	60			
C32-2D39-83WC06	39	32	173	83	113	60			
C32-2D39.5-84WC06	39.5	32	174	84	114	60			
C40-2D40-85WC06	40	40	185	85	115	70			
C40-2D41-87WC06	41	40	187	87	117	70	WC..080412	M4.0X9	T15
C40-2D42-89WC08	42	40	189	89	119	70			
C40-2D43-91WC08	43	40	191	91	121	70			
C40-2D44-93WC08	44	40	193	93	123	70			
C40-2D45-95WC08	45	40	195	95	125	70			
C40-2D46-97WC08	46	40	197	97	127	70			
C40-2D47-99WC08	47	40	199	99	129	70			
C40-2D48-101WC08	48	40	201	101	131	70			
C40-2D49-103WC08	49	40	203	103	133	70			
C40-2D50-105WC08	50	40	205	105	135	70			

>>> WC型U钻 3D U drill for WC inserts



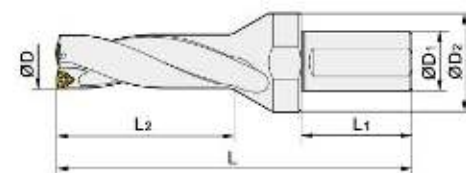
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C20-3D13-42WC03	13	20	101	42	57	44	WC..030208	M2.5X6	T8
C20-3D13.5-44WC03	13.5	20	103	44	59	44			
C20-3D14-45WC03	14	20	104	45	60	44			
C20-3D14.5-47WC03	14.5	20	106	47	62	44			
C20-3D15-48WC03	15	20	107	48	63	44			
C20-3D15.5-50WC03	15.5	20	109	50	65	44			
C20-3D16-51WC03	16	20	110	51	66	44			
C20-3D16.5-53WC03	16.5	20	112	53	68	44			
C20-3D17-54WC03	17	20	113	54	69	44			
C25-3D17.5-56WC03	17.5	25	127	56	71	56			
C25-3D18-57WC03	18	25	128	57	72	56			
C25-3D18.5-59WC03	18.5	25	130	59	74	56			
C25-3D19-60WC03	19	25	131	60	75	56			
C25-3D19.5-62WC03	19.5	25	133	62	77	56			
C25-3D20-63WC03	20	25	134	63	78	56			
C25-3D20.5-65WC03	20.5	25	136	65	80	56	WC..040208	M2.5X6	T8
C25-3D21-66WC04	21	25	137	66	81	56			
C25-3D21.5-68WC04	21.5	25	139	68	83	56			
C25-3D22-69WC04	22	25	140	69	84	56			
C25-3D22.5-71WC04	22.5	25	142	71	86	56			
C25-3D23-72WC04	23	25	146	72	90	56			
C25-3D23.5-74WC04	23.5	25	148	74	92	56			
C25-3D24-75WC04	24	25	149	75	93	56			
C25-3D24.5-77WC04	24.5	25	151	77	95	56			
C25-3D25-78WC05	25	25	152	78	96	56	WC..050308	M3.0X8	T8
C32-3D25.5-80WC05	25.5	32	160	80	100	60			
C32-3D26-81WC05	26	32	161	81	101	60			
C32-3D26.5-83WC05	26.5	32	163	83	103	60			
C32-3D27-84WC05	27	32	164	84	104	60			
C32-3D27.5-86WC05	27.5	32	166	86	106	60			
C32-3D28-87WC05	28	32	167	87	107	60			
C32-3D28.5-89WC05	28.5	32	169	89	109	60			
C32-3D29-91WC05	29	32	172	91	112	60			
C32-3D29.5-93WC05	29.5	32	174	93	114	60			

>>> WC型U钻 3D U drill for WC inserts



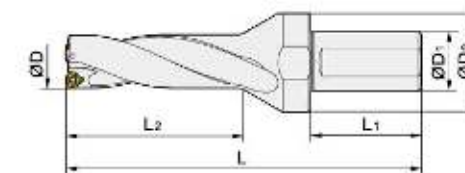
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C32-3D30-94WC05	30	32	178	94	118	60	WC..050308	M3.0X8	T8
C32-3D30.5-96WC05	30.5	32	180	96	120	60			
C32-3D31-97WC06	31	32	181	97	121	60			
C32-3D31.5-99WC06	31.5	32	183	99	123	60			
C32-3D32-100WC06	32	32	184	100	124	60			
C32-3D32.5-102WC06	32.5	32	186	102	126	60			
C32-3D33-103WC06	33	32	187	103	127	60			
C32-3D33.5-105WC06	33.5	32	189	105	129	60			
C32-3D34-106WC06	34	32	190	106	130	60			
C32-3D34.5-108WC06	34.5	32	192	108	132	60	WC..06T308	M3.5x9	T15
C32-3D35-109WC06	35	32	193	109	133	60			
C32-3D35.5-111WC06	35.5	32	195	111	135	60			
C32-3D36-112WC06	36	32	196	112	136	60			
C32-3D36.5-114WC06	36.5	32	198	114	138	60			
C32-3D37-116WC06	37	32	206	116	146	60			
C32-3D37.5-118WC06	37.5	32	208	118	148	60			
C32-3D38-119WC06	38	32	209	119	149	60			
C32-3D38.5-121WC06	38.5	32	211	121	151	60			
C32-3D39-122WC06	39	32	212	122	152	60			
C32-3D39.5-124WC06	39.5	32	214	124	154	60			
C40-3D40-125WC06	40	40	225	125	155	70			
C40-3D41-128WC06	41	40	228	128	158	70			
C40-3D42-131WC08	42	40	231	131	161	70	WC..080412	M4.0X9	T15
C40-3D43-134WC08	43	40	234	134	164	70			
C40-3D44-137WC08	44	40	237	137	167	70			
C40-3D45-140WC08	45	40	240	140	170	70			
C40-3D46-143WC08	46	40	243	143	173	70			
C40-3D47-146WC08	47	40	246	146	176	70			
C40-3D48-149WC08	48	40	249	149	179	70			
C40-3D49-152WC08	49	40	252	152	182	70			
C40-3D50-155WC08	50	40	255	155	185	70			

>>> WC型U钻 4D U drill for WC inserts



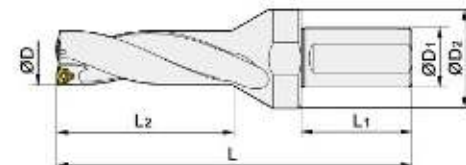
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C20-4D13-55WC03	13	20	114	55	70	44	WC..030208	M2.5X6	T8
C20-4D13.5-57WC03	13.5	20	116	57	72	44			
C20-4D14-59WC03	14	20	118	59	74	44			
C20-4D14.5-61WC03	14.5	20	120	61	76	44			
C20-4D15-63WC03	15	20	122	63	78	44			
C20-4D15.5-65WC03	15.5	20	124	65	80	44			
C20-4D16-67WC03	16	20	126	67	82	44			
C20-4D16.5-69WC03	16.5	20	128	69	84	44			
C20-4D17-71WC03	17	20	130	71	86	44			
C25-4D17.5-73WC03	17.5	25	144	73	88	56			
C25-4D18-75WC03	18	25	146	75	90	56			
C25-4D18.5-77WC03	18.5	25	148	77	92	56			
C25-4D19-79WC03	19	25	150	79	94	56	WC..040208	M2.5X6	T8
C25-4D19.5-81WC03	19.5	25	152	81	96	56			
C25-4D20-83WC03	20	25	154	83	98	56			
C25-4D20.5-85WC03	20.5	25	156	85	100	56			
C25-4D21-87WC04	21	25	158	87	102	56			
C25-4D21.5-89WC04	21.5	25	160	89	104	56			
C25-4D22-91WC04	22	25	162	91	106	56			
C25-4D22.5-93WC04	22.5	25	164	93	108	56			
C25-4D23-95WC04	23	25	169	95	113	56			
C25-4D23.5-97WC04	23.5	25	171	97	115	56			
C25-4D24-99WC04	24	25	173	99	117	56			
C25-4D24.5-101WC04	24.5	25	175	101	119	56	WC..050308	M3.0X8	T8
C25-4D25-103WC05	25	25	177	103	121	56			
C32-4D25.5-105WC05	25.5	32	185	105	125	60			
C32-4D26-107WC05	26	32	187	107	127	60			
C32-4D26.5-109WC05	26.5	32	189	109	129	60			
C32-4D27-111WC05	27	32	191	111	131	60			
C32-4D27.5-113WC05	27.5	32	193	113	133	60			
C32-4D28-115WC05	28	32	195	115	135	60			
C32-4D28.5-117WC05	28.5	32	197	117	137	60			
C32-4D29-120WC05	29	32	201	120	141	60			
C32-4D29.5-122WC05	29.5	32	203	122	143	60			

>>> WC型U钻 4D U drill for WC inserts



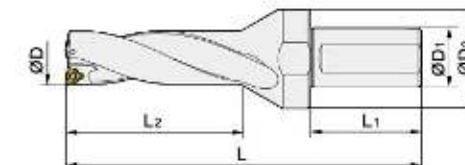
型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dc	Ds	L	L1	L2	L3			
C32-4D30-124WC05	30	32	208	124	148	60	WC..060308	M3.0X8	T8
C32-4D30.5-126WC05	30.5	32	210	126	150	60			
C32-4D31-128WC06	31	32	212	128	152	60			
C32-4D31.5-130WC06	31.5	32	214	130	154	60			
C32-4D32-132WC06	32	32	216	132	156	60			
C32-4D32.5-134WC06	32.5	32	218	134	158	60			
C32-4D33-136WC06	33	32	220	136	160	60			
C32-4D33.5-138WC06	33.5	32	222	138	162	60			
C32-4D34-140WC06	34	32	224	140	164	60			
C32-4D34.5-142WC06	34.5	32	226	142	166	60			
C32-4D35-144WC06	35	32	228	144	168	60			
C32-4D35.5-146WC06	35.5	32	230	146	170	60	WC..061308	M3.5x9	T15
C32-4D36-148WC06	36	32	232	148	172	60			
C32-4D36.5-150WC06	36.5	32	236	150	174	60			
C32-4D37-153WC06	37	32	206	153	183	60			
C32-4D37.5-155WC06	37.5	32	208	155	185	60			
C32-4D38-157WC06	38	32	209	157	187	60			
C32-4D38.5-159WC06	38.5	32	211	159	189	60			
C32-4D39-161WC06	39	32	212	161	191	60			
C32-4D39.5-163WC06	39.5	32	214	163	193	60			
C40-4D40-165WC06	40	40	225	165	195	70			
C40-4D41-169WC06	41	40	228	169	199	70	WC..080412	M4.0X9	T15
C40-4D42-173WC08	42	40	231	173	203	70			
C40-4D43-177WC08	43	40	234	177	207	70			
C40-4D44-181WC08	44	40	237	181	211	70			
C40-4D45-185WC08	45	40	240	185	215	70			
C40-4D46-189WC08	46	40	243	189	219	70			
C40-4D47-193WC08	47	40	246	193	223	70			
C40-4D48-197WC08	48	40	249	197	227	70			
C40-4D49-201WC08	49	40	252	201	231	70			
C40-4D50-205WC08	50	40	255	205	235	70			

WC型U钻 5D U drill for WC inserts



型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dr	Dr	L	L1	L2	L3			
C20-5D14-59WC03	14	20	133	74	89	44	WC..030208	M2.5X6	T8
C20-5D14.5-61WC03	14.5	20	135	76	91	44			
C20-5D15-78WC03	15	20	137	78	93	44			
C20-5D15.5-80WC03	15.5	20	140	80	95	44			
C20-5D16-83WC03	16	20	142	83	98	44			
C20-5D16.5-86WC03	16.5	20	145	86	101	44			
C20-5D17-88WC03	17	20	147	88	103	44			
C25-5D17.5-91WC03	17.5	25	162	91	106	56			
C25-5D18-93WC03	18	25	164	93	108	56			
C25-5D18.5-96WC03	18.5	25	167	96	111	56			
C25-5D19-98WC03	19	25	169	98	113	56			
C25-5D19.5-101WC03	19.5	25	172	101	116	56			
C25-5D20-103WC03	20	25	174	103	118	56			
C25-5D20.5-106WC03	20.5	25	177	106	121	56			
C25-5D21-108WC04	21	25	179	108	123	56	WC..040208	M2.5X6	T8
C25-5D21.5-111WC04	21.5	25	182	111	126	56			
C25-5D22-113WC04	22	25	184	113	128	56			
C25-5D22.5-116WC04	22.5	25	187	116	131	56			
C25-5D23-118WC04	23	25	192	118	136	56			
C25-5D23.5-121WC04	23.5	25	195	121	139	56			
C25-5D24-123WC04	24	25	197	123	141	56			
C25-5D24.5-126WC04	24.5	25	200	126	144	56			
C25-5D25-128WC05	25	25	202	128	146	56			
C32-5D25.5-131WC05	25.5	32	213	131	153	60			
C32-5D26-133WC05	26	32	216	133	156	60			
C32-5D26.5-136WC05	26.5	32	217	136	157	60			
C32-5D27-138WC05	27	32	218	138	158	60			
C32-5D27.5-141WC05	27.5	32	221	141	161	60	WC..050308	M3.0X8	T8
C32-5D28-143WC05	28	32	223	143	163	60			
C32-5D28.5-146WC05	28.5	32	226	146	166	60			
C32-5D29-149WC05	29	32	230	149	170	60			
C32-5D29.5-151WC05	29.5	32	233	151	173	60			
C32-5D30-154WC05	30	32	238	154	178	60			
C32-5D30.5-157WC05	30.5	32	241	157	181	60			

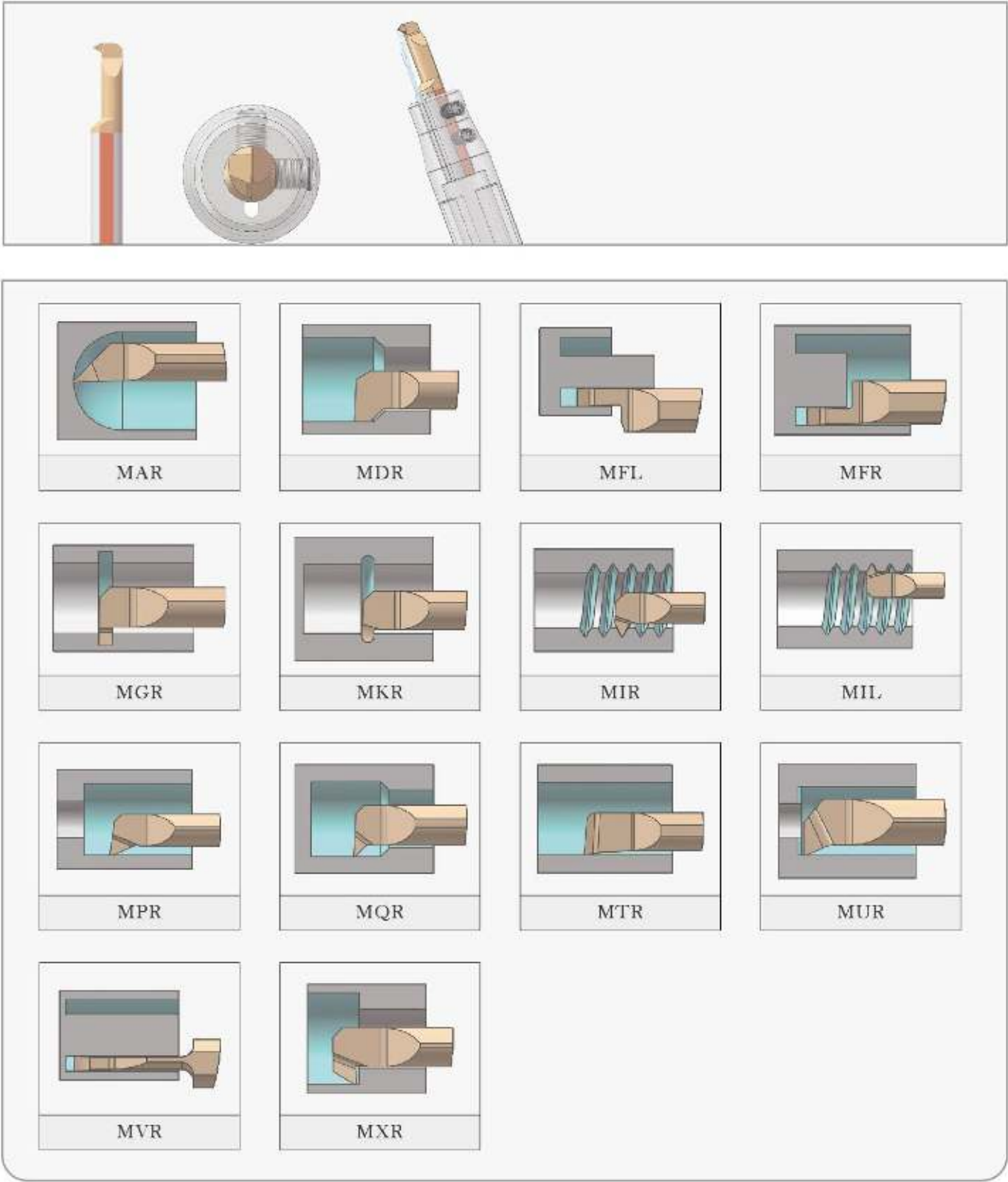
WC型U钻 5D U drill for WC inserts



型号 Designation	尺寸 Size						刀片 Insert	螺丝 Screw	扳手 Wrench
	Dr	Dr	L	L1	L2	L3			
C32-5D31-159WC05	31	32	243	159	183	60	WC..060308	M3.0X8	T8
C32-5D31.5-162WC05	31.5	32	245	162	185	60			
C32-5D32-164WC06	32	32	248	164	188	60			
C32-5D32.5-167WC06	32.5	32	251	167	191	60			
C32-5D33-169WC06	33	32	253	169	193	60			
C32-5D33.5-172WC06	33.5	32	255	172	195	60			
C32-5D34-174WC06	34	32	258	174	198	60			
C32-5D34.5-177WC06	34.5	32	261	177	201	60			
C32-5D35-179WC06	35	32	263	179	203	60			
C32-5D35.5-182WC06	35.5	32	265	182	205	60			
C32-5D36-184WC06	36	32	268	184	208	60			
C32-5D36.5-187WC06	36.5	32	271	187	211	60	WC..061308	M3.5x9	T15
C32-5D37-190WC06	37	32	280	190	220	60			
C32-5D37.5-193WC06	37.5	32	283	193	223	60			
C32-5D38-195WC06	38	32	285	195	225	60			
C32-5D38.5-198WC06	38.5	32	288	198	228	60			
C32-5D39-200WC06	39	32	290	200	230	60			
C32-5D39.5-203WC06	39.5	32	293	203	233	60			
C40-5D40-205WC06	40	40	305	205	235	70			
C40-5D41-210WC06	41	40	310	210	240	70			
C40-5D42-215WC08	42	40	315	215	245	70			
C40-5D43-220WC08	43	40	320	220	250	70			
C40-5D44-225WC08	44	40	325	225	255	70	WC..080412	M4.0X9	T15
C40-5D45-230WC08	45	40	330	230	260	70			
C40-5D46-235WC08	46	40	335	235	265	70			
C40-5D47-240WC08	47	40	340	240	270	70			
C40-5D48-245WC08	48	40	345	245	275	70			
C40-5D49-250WC08	49	40	350	250	280	70			
C40-5D50-255WC08	50	40	355	255	285	70			



>>> 内孔加工示意图 Diagrammatic sketch of inner hole processing



>>> 材质说明 Grades description

类别 Category	涂层颜色 Coating colour	应用推荐 Application recommendation
SH35	黑色 Black	耐磨性较好, 光洁度较好, TiAlN PVD涂层, 不锈钢加工首选。 Good wear resistance, good finish, TiAlN PVD coating, first choice for stainless steel processing.
SH45	古铜色 Copper	通用性强, 耐磨性较好, 光洁度较好, SiTiN PVD涂层, 工况较好的精加工。 Good generality, good wear resistance, good finish, SiTiN PVD coating, fine finishing with good working conditions.

订货示例: 通用型加工: MGR 6 B1.0 L15 SH45 不锈钢加工: MGR 6 B0.5/B1.0/B1.5 L15 SH35
Ordering Example: For universal processing: MGR 6 B1.0 L15 SH45
For stainless steel processing: MGR 6 B0.5/B1.0/B1.5 L15 SH35

>>> 切削参数 Cutting data

常用计算公式 Commonly used formula

$$S = \frac{V_c \cdot 1000}{3.14 \cdot D_c} \text{ (rev/min)}$$

$$V_c = \frac{S \cdot 3.14 \cdot D_c}{1000} \text{ (m/min)}$$

$$F = f \cdot S \cdot T \text{ (mm/min)}$$

$$F = \frac{f \cdot S \cdot T}{S \cdot T} \text{ (mm/tooth)}$$

S: 转速 Speed

Vc: 切削速度 (线速度) Linear velocity

Dc: 工件直径 Workpiece diameter

F: 每分钟切削长度 Cutting length per minute

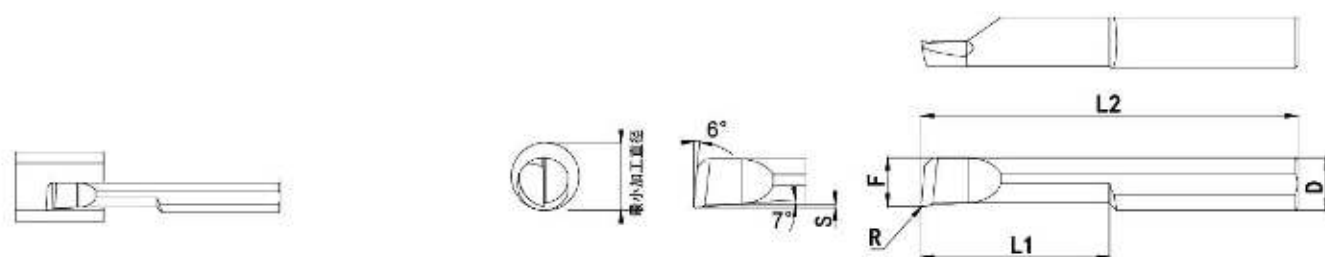
f: 每齿进给量 Feed per tooth

T: 刀具齿数 Number of cutting teeth

切削加工小知识 Machine work common sense:

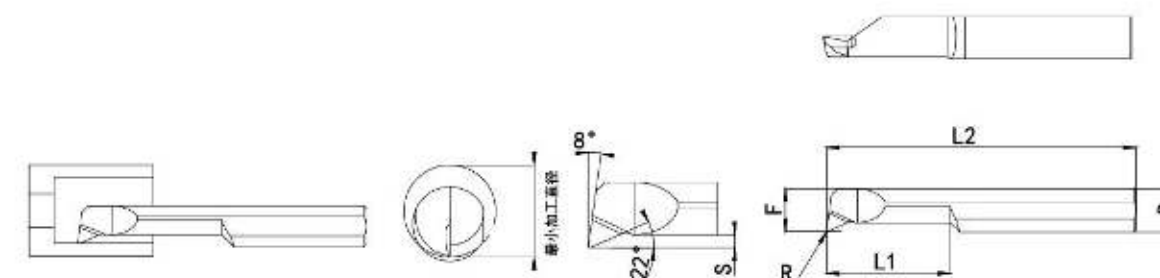
1. 半精加工及粗加工最小切削深度应该尽量大于刀尖圆角。The minimum cutting depth should be greater than the re.
2. 最高的进给量应该小于刀尖圆角的一半。The highest feeding should be far less than the re.

>>> MTR微型镗刀 MTR micro boring



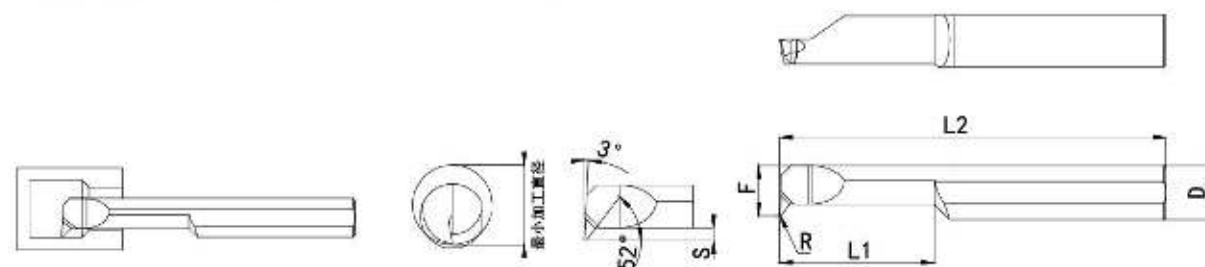
型号 Designation	尺寸 Size						Dmin
	R	L1	L2	F	R	D	
MTR 1 R0.05 L4	0.50	4.0	50	1.0	0.05	4.0	1.0
MTR 1.5 R0.05/R0.1 L6	0.70	6.0	50	1.45	0.05/0.1	4.0	1.5
MTR 2 R0.05/R0.1/R0.2 L10	0.80	10.0	50	1.8	0.05/0.1/0.2	4.0	2.1
MTR 2 R0.1/R0.2 L15	0.80	15.0	50	1.8	0.1/0.2	4.0	2.1
MTR 2.5 R0.05/R0.1/R0.2 L10	1.05	10.0	50	2.3	0.05/0.1/0.2	4.0	2.5
MTR 2.5 R0.05/R0.1/R0.2 L15	1.05	15.0	50	2.3	0.05/0.1/0.2	4.0	2.5
MTR 3 R0.05/R0.1/R0.2 L10	1.3	10.0	50	2.8	0.05/0.1/0.2	4.0	3.1
MTR 3 R0.05/R0.1/R0.2 L15	1.3	15.0	50	2.8	0.05/0.1/0.2	4.0	3.1
MTR 3 R0.1/R0.2 L22	1.3	22.0	50	2.8	0.1/0.2	4.0	3.1
MTR 3.5 R0.05/R0.1/R0.2 L10	1.55	10.0	50	3.3	0.05/0.1/0.2	4.0	3.5
MTR 3.5 R0.05/R0.1/R0.2 L15	1.55	15.0	50	3.3	0.05/0.1/0.2	4.0	3.5
MTR 3.5 R0.1/R0.2 L22	1.55	22.0	50	3.3	0.1/0.2	4.0	3.5
MTR 4 R0.05/R0.1/R0.2 L10	1.7	10.0	50	3.7	0.05/0.1/0.2	4.0	4.1
MTR 4 R0.05/R0.1/R0.2 L15	1.7	15.0	50	3.7	0.05/0.1/0.2	4.0	4.1
MTR 4 R0.1/R0.2 L22	1.7	22.0	50	3.7	0.1/0.2	4.0	4.1
MTR 5 R0.1/R0.2 L15	2.1	15.0	50	4.6	0.1/0.2	6.0	5.1
MTR 5 R0.1/R0.2 L22	2.1	22.0	50	4.6	0.1/0.2	6.0	5.1
MTR 5 R0.1/R0.2 L30	2.1	30.0	60	4.6	0.1/0.2	6.0	5.1
MTR 6 R0.1/R0.2 L15	2.8	15.0	50	5.8	0.1/0.2	6.0	6.1
MTR 6 R0.1/R0.2 L22	2.8	22.0	50	5.8	0.1/0.2	6.0	6.1
MTR 6 R0.1/R0.2 L30	2.8	30.0	60	5.8	0.1/0.2	6.0	6.1
MTR 7 R0.1/R0.2 L22	3.3	22.0	60	6.8	0.1/0.2	8.0	7.1
MTR 7 R0.1/R0.2 L30	3.3	30.0	60	6.8	0.1/0.2	8.0	7.1
MTR 8 R0.1/R0.2 L22	3.8	22.0	60	7.8	0.1/0.2	8.0	8.1
MTR 8 R0.1/R0.2 L30	3.8	30.0	60	7.8	0.1/0.2	8.0	8.1
MTR 10 R0.1/R0.2 L25	4.8	25.0	75	9.8	0.1/0.2	10.0	10.1
MTR 10 R0.1/R0.2 L35	4.8	35.0	75	9.8	0.1/0.2	10.0	10.1

>>> MPR微型镗刀 MPR micro boring



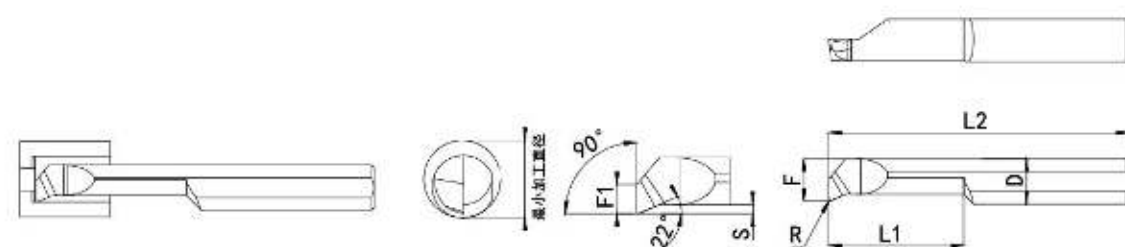
型号 Designation	尺寸 Size							Dmin
	R	L1	L2	H	F	R	D	
MPR 1 R0.05 L4	0.50	4.0	50	0.2	1.0	0.05	4.0	1.0
MPR 1.5 R0.05/R0.1 L6	0.70	6.0	50	0.3	1.45	0.05/0.1	4.0	1.5
MPR 2 R0.1/R0.2 L10	0.80	10.0	50	0.5	1.8	0.1/0.2	4.0	2.1
MPR 2 R0.1/R0.2 L15	0.80	15.0	50	0.5	1.8	0.1/0.2	4.0	2.1
MPR 2.5 R0.1/R0.2 L10	1.05	10.0	50	0.6	2.3	0.1/0.2	4.0	2.5
MPR 2.5 R0.1/R0.2 L15	1.05	15.0	50	0.6	2.3	0.1/0.2	4.0	2.5
MPR 3 R0.1/R0.2 L10	1.3	10.0	50	0.7	2.8	0.1/0.2	4.0	3.1
MPR 3 R0.1/R0.2 L15	1.3	15.0	50	0.7	2.8	0.1/0.2	4.0	3.1
MPR 4 R0.1/R0.2 L10	1.7	10.0	50	0.8	3.7	0.1/0.2	4.0	4.1
MPR 4 R0.1/R0.2 L15	1.7	15.0	50	0.8	3.7	0.1/0.2	4.0	4.1
MPR 5 R0.1/R0.2 L15	2.1	15.0	50	1.2	4.6	0.1/0.2	6.0	5.1
MPR 5 R0.1/R0.2 L22	2.1	22.0	50	1.2	4.6	0.1/0.2	6.0	5.1
MPR 6 R0.1/R0.2 L15	2.8	15.0	50	1.4	5.8	0.1/0.2	6.0	6.1
MPR 6 R0.1/R0.2 L22	2.8	22.0	50	1.4	5.8	0.1/0.2	6.0	6.1
MPR 7 R0.1/R0.2 L22	3.3	22.0	60	1.5	6.8	0.1/0.2	8.0	7.1
MPR 7 R0.1/R0.2 L30	3.3	30.0	60	1.5	6.8	0.1/0.2	8.0	7.1
MPR 8 R0.1/R0.2 L22	3.8	22.0	60	1.6	7.8	0.1/0.2	8.0	8.1
MPR 8 R0.1/R0.2 L30	3.8	30.0	60	1.6	7.8	0.1/0.2	8.0	8.1

»» MQR微型镗刀 MQR micro boring



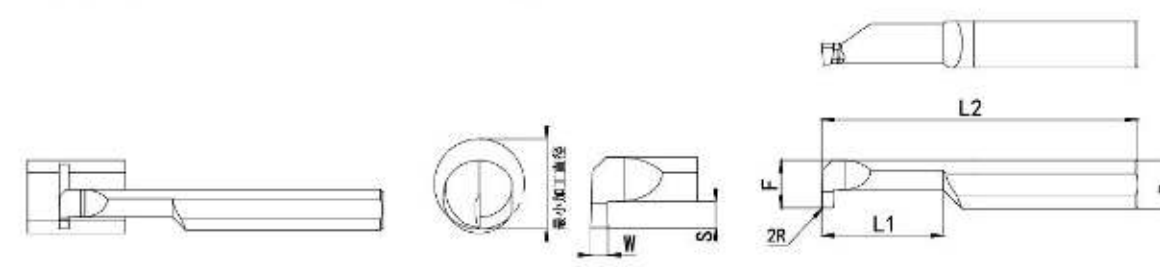
型号 Designation	尺寸 Size							Dmin
	B	L1	L2	H	F	R	D	
MQR 3 R0.1/R0.2 L10	1.3	10.0	50	0.6	2.8	0.1/0.2	4.0	3.1
MQR 3 R0.1/R0.2 L15	1.3	15.0	50	0.6	2.8	0.1/0.2	4.0	3.1
MQR 4 R0.1/R0.2 L10	1.8	10.0	50	0.8	3.8	0.1/0.2	4.0	4.1
MQR 4 R0.1/R0.2 L15	1.8	15.0	50	0.8	3.8	0.1/0.2	4.0	4.1
MQR 5 R0.1/R0.2 L15	2.3	15.0	50	1.0	4.8	0.1/0.2	6.0	5.1
MQR 5 R0.1/R0.2 L22	2.3	22.0	50	1.0	4.8	0.1/0.2	6.0	5.1
MQR 6 R0.1/R0.2 L15	2.8	15.0	50	1.4	5.8	0.1/0.2	6.0	6.1
MQR 6 R0.1/R0.2 L22	2.8	22.0	50	1.4	5.8	0.1/0.2	6.0	6.1
MQR 8 R0.1/R0.2 L22	3.8	22.0	60	1.6	7.8	0.1/0.2	8.0	8.1
MQR 8 R0.1/R0.2 L30	3.8	30.0	60	1.6	7.8	0.1/0.2	8.0	8.1

»» MUR微型镗刀 MUR micro boring



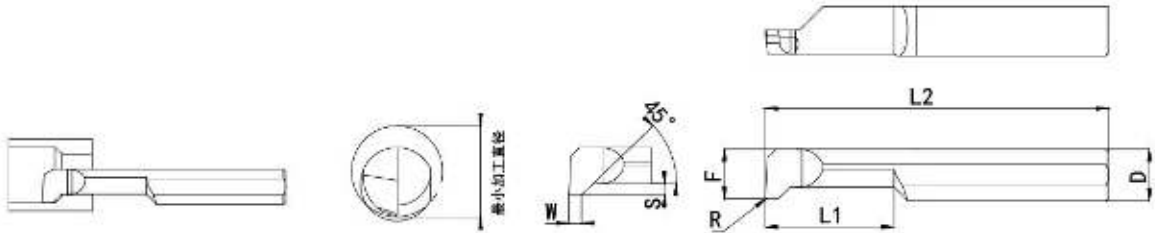
型号 Designation	尺寸 Size							Dmin
	B	L1	L2	H	F	R	D	
MUR 3 R0.05/R0.1 L10	1.3	10.0	50	0.4	2.8	0.05/0.1	4.0	3.1
MUR 3 R0.05/R0.1 L15	1.3	15.0	50	0.4	2.8	0.05/0.1	4.0	3.1
MUR 4 R0.1/R0.2 L10	1.8	10.0	50	0.5	3.7	0.1/0.2	4.0	4.1
MUR 4 R0.1/R0.2 L15	1.8	15.0	50	0.5	3.7	0.1/0.2	4.0	4.1
MUR 5 R0.1/R0.2 L15	2.3	15.0	50	0.7	4.6	0.1/0.2	6.0	5.1
MUR 5 R0.1/R0.2 L22	2.3	22.0	50	0.7	4.6	0.1/0.2	6.0	5.1
MUR 6 R0.1/R0.2 L15	2.8	15.0	50	0.9	5.8	0.1/0.2	6.0	6.1
MUR 6 R0.1/R0.2 L22	2.8	22.0	50	0.9	5.8	0.1/0.2	6.0	6.1
MUR 8 R0.1/R0.2 L22	3.8	22.0	60	1.1	7.8	0.1/0.2	8.0	8.1
MUR 8 R0.1/R0.2 L30	3.8	30.0	60	1.1	7.7	0.1/0.2	8.0	8.1

»» MGR微型镗刀 MGR micro boring



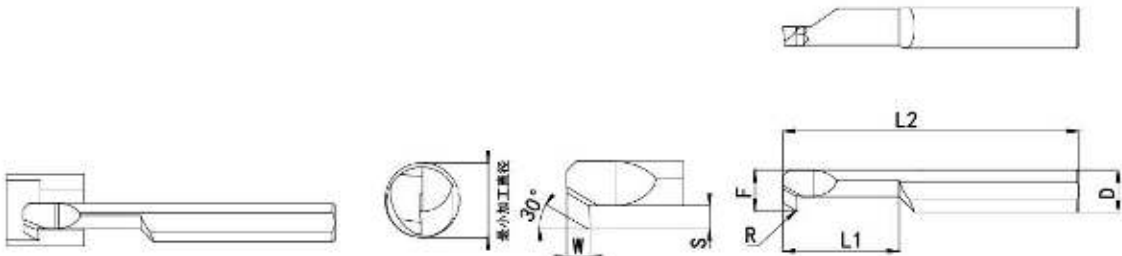
型号 Designation	尺寸 Size							Dmin
	B	L1	L2	H	F	R	D	
MGR 3 B0.5/B0.7 L10	1.3	10.0	50	0.6	2.8	0.5/0.7	4.0	3.1
MGR 4 B0.5/B1.0/B1.5 L10	1.7	10.0	50	1.0	3.7	0.5/1.0/1.5	4.0	4.1
MGR 4 B0.5/B1.0/B1.5 L15	1.7	15.0	50	1.0	3.7	0.5/1.0/1.5	4.0	4.1
MGR 5 B0.5/B1.0/B1.5/B2.0 L15	2.3	15.0	50	1.2	4.8	0.5/1.0/1.5/2.0	6.0	5.1
MGR 5 B0.5/B1.0/B1.5/B2.0 L22	2.3	22.0	50	1.2	4.8	0.5/1.0/1.5/2.0	6.0	5.1
MGR 6 B0.5/B1.0/B1.5 L15	2.8	15.0	50	1.4	5.8	0.5/1.0/1.5	6.0	6.1
MGR 6 B0.5/B1.0/B1.5 L22	2.8	22.0	50	1.4	5.8	0.5/1.0/1.5	6.0	6.1
MGR 6 B2.0/B2.5 L15	2.8	15.0	50	1.4	5.8	2.0/2.5	6.0	6.1
MGR 6 B2.0/B2.5 L22	2.8	22.0	50	1.4	5.8	2.0/2.5	6.0	6.1
MGR 7 B1.0/B1.5/B2.0 L22	3.3	22.0	60	2.5	6.8	1.0/1.5/2.0	8.0	7.1
MGR 7 B1.0/B1.5/B2.0 L30	3.3	30.0	60	2.5	6.8	1.0/1.5/2.0	8.0	7.1
MGR 8 B1.0/B1.5 L22	3.8	22.0	60	1.7	7.8	1.0/1.5	8.0	8.1
MGR 8 B1.0/B1.5 L30	3.8	30.0	60	1.7	7.8	1.0/1.5	8.0	8.1
MGR 8 B2.0/B2.5/B3.0 L22	3.8	22.0	60	2.6	7.8	2.0/2.5/3.0	8.0	8.1
MGR 8 B2.0/B2.5/B3.0 L30	3.8	30.0	60	2.6	7.8	2.0/2.5/3.0	8.0	8.1
MGR 10 B1.0/B1.5 L25	4.8	25.0	75	2.4	9.8	1.0/1.5	10.0	10.1
MGR 10 B1.0/B1.5 L35	4.8	35.0	75	2.4	9.8	1.0/1.5	10.0	10.1
MGR 10 B2.0/B2.5/B3.0 L25	4.8	25.0	75	3.0	9.8	2.0/2.5/3.0	10.0	10.1
MGR 10 B2.0/B2.5/B3.0 L35	4.8	35.0	75	3.0	9.8	2.0/2.5/3.0	10.0	10.1

MDR微型镗刀 MDR micro boring



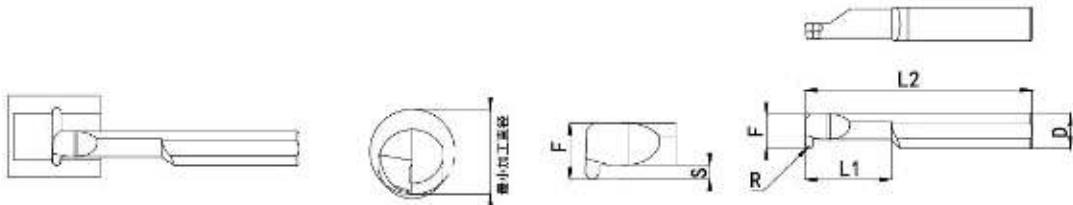
型号 Designation	尺寸 Size								Dmin
	B	L1	L2	H	R1	F	R	D	
MDR 4 R0.5 L18	1.8	18.0	50	0.8	1.5	3.8	0.5	4.0	4.1
MDR 5 R0.5 L24	2.3	24.0	50	1.2	1.5	4.8	0.5	6.0	5.1
MDR 6 R0.5 L27	2.8	27.0	60	1.4	1.5	5.8	0.5	6.0	6.1

MXR微型镗刀 MXR micro boring



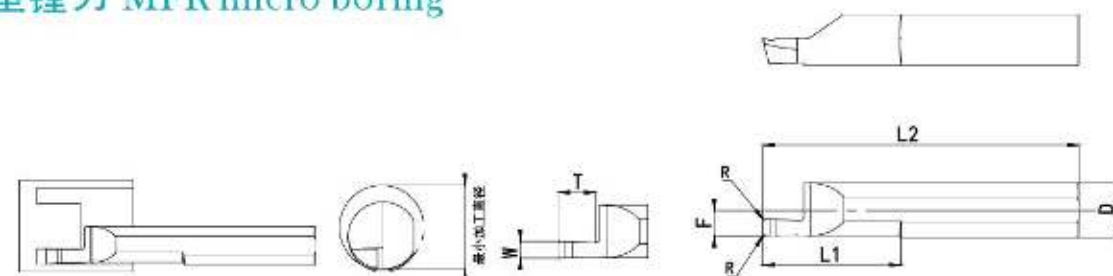
型号 Designation	尺寸 Size								Dmin
	B	L1	L2	H	R1	F	R	D	
MXR 3 R0.1 L10	1.3	10.0	50	0.5	1.3	2.8	0.1	4.0	3.1
MXR 4 R0.1/R0.2 L10	1.7	10.0	50	0.8	1.3	3.7	0.1/0.2	4.0	4.1
MXR 4 R0.1/R0.2 L15	1.7	15.0	50	0.8	1.3	3.7	0.1/0.2	4.0	4.1
MXR 5 R0.2 L15	2.3	15.0	50	1.0	1.5	4.8	0.2	6.0	5.1
MXR 5 R0.2 L22	2.3	22.0	50	1.0	1.5	4.8	0.2	6.0	5.1
MXR 6 R0.2 L15	2.8	15.0	50	1.8	1.5	5.8	0.2	6.0	6.1
MXR 6 R0.2 L22	2.8	22.0	50	1.8	1.5	5.8	0.2	6.0	6.1

MKR微型镗刀 MKR micro boring



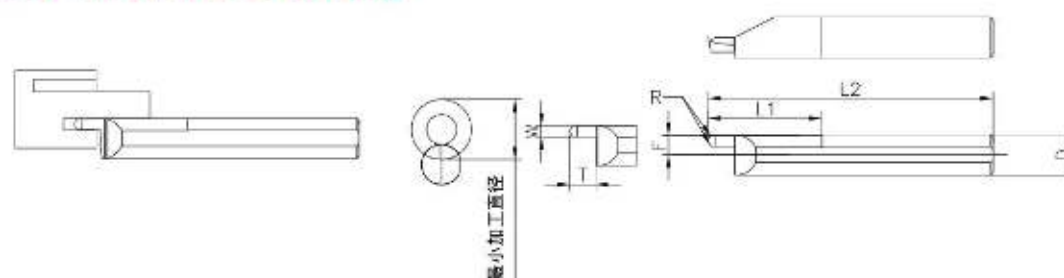
型号 Designation	尺寸 Size								Dmin
	B	L1	L2	H	R1	F	R	D	
MKR 4 R0.5 L10	1.7	10.0	50	1.0	3.7	1.0	0.5	4.0	4.1
MKR 4 R0.5 L15	1.7	15.0	50	1.0	3.7	4.0	0.5	4.0	4.1
MKR 4 R0.75 L10	1.7	10.0	50	1.0	3.7	1.5	0.75	4.0	4.1
MKR 4 R0.75 L15	1.7	15.0	50	1.0	3.7	1.5	0.75	4.0	4.1
MKR 5 R0.5 L15	2.3	15.0	50	1.2	4.8	1.0	0.5	6.0	5.1
MKR 5 R0.75 L15	2.3	15.0	50	1.2	4.8	1.5	0.75	6.0	5.1
MKR 5 R1.0 L15	2.3	15.0	50	1.2	4.8	2.0	1.0	6.0	5.1
MKR 5 R0.5 L22	2.3	22.0	50	1.2	4.8	1.0	0.5	6.0	5.1
MKR 5 R0.75 L22	2.3	22.0	50	1.2	4.8	1.5	0.75	6.0	5.1
MKR 5 R1.0 L22	2.3	22.0	50	1.2	4.8	2.0	1.0	6.0	5.1
MKR 6 R0.5 L15	2.8	15.0	50	1.6	5.8	1.0	0.5	6.0	6.1
MKR 6 R0.75 L15	2.8	15.0	50	1.6	5.8	1.5	0.75	6.0	6.1
MKR 6 R1.0 L15	2.8	15.0	50	1.6	5.8	2.0	1.0	6.0	6.1
MKR 6 R0.5 L22	2.8	22.0	50	1.6	5.8	1.0	0.5	6.0	6.1
MKR 6 R0.75 L22	2.8	22.0	50	1.6	5.8	1.5	0.75	6.0	6.1
MKR 6 R1.0 L22	2.8	22.0	50	1.6	5.8	2.0	1.0	6.0	6.1
MKR 7 R0.5 L22	3.3	22.0	60	2.5	6.8	1.0	0.5	8.0	7.1
MKR 7 R0.75 L22	3.3	22.0	60	2.5	6.8	1.5	0.75	8.0	7.1
MKR 7 R1.0 L22	3.3	22.0	60	2.5	6.8	2.0	1.0	8.0	7.1
MKR 7 R0.5 L30	3.3	30.0	60	2.5	6.8	1.0	0.5	8.0	7.1
MKR 7 R0.75 L30	3.3	30.0	60	2.5	6.8	1.5	0.75	8.0	7.1
MKR 7 R1.0 L30	3.3	30.0	60	2.5	6.8	2.0	1.0	8.0	7.1
MKR 8 R0.5 L22	3.8	22.0	60	2.5	7.8	1.0	0.5	8.0	8.1
MKR 8 R0.75 L22	3.8	22.0	60	2.5	7.8	1.5	0.75	8.0	8.1
MKR 8 R1.0 L22	3.8	22.0	60	2.5	7.8	2.0	1.0	8.0	8.1
MKR 8 R0.5 L30	3.8	30.0	60	2.5	7.8	1.0	0.5	8.0	8.1
MKR 8 R0.75 L30	3.8	30.0	60	2.5	7.8	1.5	0.75	8.0	8.1
MKR 8 R1.0 L30	3.8	30.0	60	2.5	7.8	2.0	1.0	8.0	8.1

>>> MFR微型镗刀 MFR micro boring



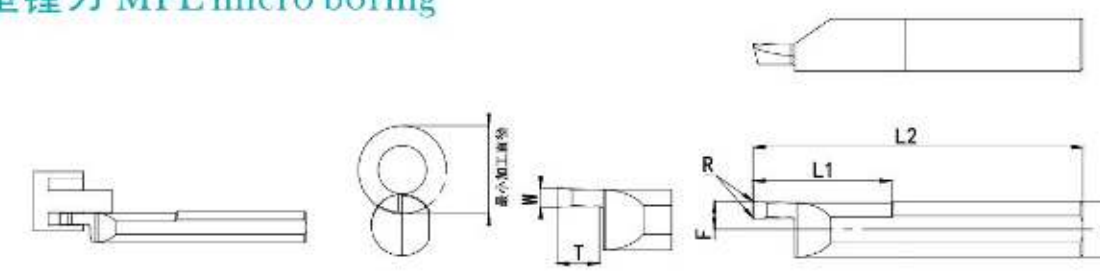
型号 Designation	尺寸 Size							Dmin
	F	L1	L2	T	B	R	D	
MFR 4 B0.75 L15	1.95	15.0	50	1.2	0.75	0.05	4.0	5.0
MFR 4 B1.0/B1.5 L15	1.95	15.0	50	1.5/2.8	1.0/1.5	0.1	4.0	5.0
MFR 5 B1.0/B1.5/B2.0 L15	2.45	15.0	50	1.5/2.5/3.8	1.0/1.5/2.0	0.1	6.0	6.0
MFR 5 B1.0/B1.5/B2.0 L22	2.45	22.0	50	1.5/2.5/3.8	1.0/1.5/2.0	0.1	6.0	6.0
MFR 6 B1.0/B1.5/B2.0/B2.5 L15	2.95	15.0	50	1.5/2.5/3.0/4.8	1.0/1.5/2.0/2.5	0.1	6.0	8.0
MFR 6 B1.0/B1.5/B2.0/B2.5 L22	2.95	22.0	50	1.5/2.5/3.0/4.8	1.0/1.5/2.0/2.5	0.1	6.0	8.0
MFR 6 B3.0 L30	2.95	30.0	60	6.0	3.0	0.1	6.0	8.0
MFR 8 B1.0/B1.5/B2.0/B2.5 L22	3.95	22.0	60	1.5/2.5/3.0/4.8	1.0/1.5/2.0/2.5	0.1	8.0	10.0
MFR 8 B1.0/B1.5/B2.0/B2.5 L30	3.95	30.0	60	1.5/2.5/3.0/4.8	1.0/2.5/2.0/2.5	0.1	8.0	10.0

>>> MZR微型镗刀 MZR micro boring



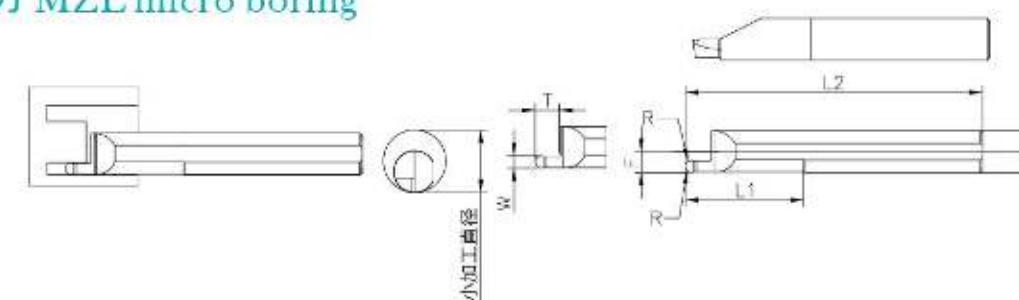
型号 Designation	尺寸 Size						Dmin
	F	L1	L2	T	W	D	
MZR 4 R0.5 L15	1.95	15.0	50	1.2	1.0	4.0	5.0
MZR 4 R0.75 L15	1.95	15.0	50	1.5	1.5	4.0	5.0
MZR 5 R0.5 L15	2.45	15.0	50	1.2	1.0	6.0	6.0
MZR 5 R0.75 L15	2.45	15.0	50	1.5	1.5	6.0	6.0
MZR 5 R1.0 L15	2.45	15.0	50	2.5	2.0	6.0	6.0
MZR 5 R0.5 L22	2.45	22.0	50	1.2	1.0	6.0	6.0
MZR 5 R0.75 L22	2.45	22.0	50	1.5	1.5	6.0	6.0
MZR 5 R1.0 L22	2.45	22.0	50	2.5	2.0	6.0	6.0
MZR 6 R0.5 L15	2.95	15.0	50	1.2	1.0	6.0	8.0
MZR 6 R0.75 L15	2.95	15.0	50	1.5	1.5	6.0	8.0
MZR 6 R1.0 L15	2.95	15.0	50	2.5	2.0	6.0	8.0
MZR 6 R0.5 L22	2.95	22.0	50	1.2	1.0	6.0	8.0
MZR 6 R0.75 L22	2.95	22.0	50	1.5	1.5	6.0	8.0
MZR 6 R1.0 L22	2.95	22.0	50	2.5	2.0	6.0	8.0

>>> MFL微型镗刀 MFL micro boring



型号 Designation	尺寸 Size							Dmin
	F	L1	L2	T	B	R	D	
MFL 4 B0.75 L15	1.95	15.0	50	1.2	0.8	0.05	4.0	5.0
MFL 4 B1.0/B1.5 L15	1.95	15.0	50	1.5/2.8	1.0/1.5	0.1	4.0	5.0
MFL 5 B1.0/B1.5/B2.0 L15	2.45	15.0	50	1.5/2.5/3.8	1.0/1.5/2.0	0.1	6.0	6.0
MFL 5 B1.0/B1.5/B2.0 L22	2.45	22.0	50	1.5/2.5/3.8	1.0/1.5/2.0	0.1	6.0	6.0
MFL 6 B1.0/B1.5/B2.0/B2.5 L15	2.95	15.0	50	1.5/2.5/3.0/4.8	1.0/1.5/2.0/2.5	0.1	6.0	8.0
MFL 6 B1.0/B1.5/B2.0/B2.5 L22	2.95	22.0	50	1.5/2.5/3.0/4.8	1.0/1.5/2.0/2.5	0.1	6.0	8.0
MFL 6 B3.0 L30	2.95	30.0	60	6.0	3.0	0.1	6.0	8.0
MFL 8 B1.0/B1.5/B2.0/B2.5 L22	3.95	22.0	60	1.5/2.5/3.0/4.8	1.0/1.5/2.0/2.5	0.1	8.0	10.0
MFL 8 B1.0/B1.5/B2.0/B2.5 L30	3.95	30.0	60	1.5/2.5/3.0/4.8	1.0/2.5/2.0/2.5	0.1	8.0	10.0

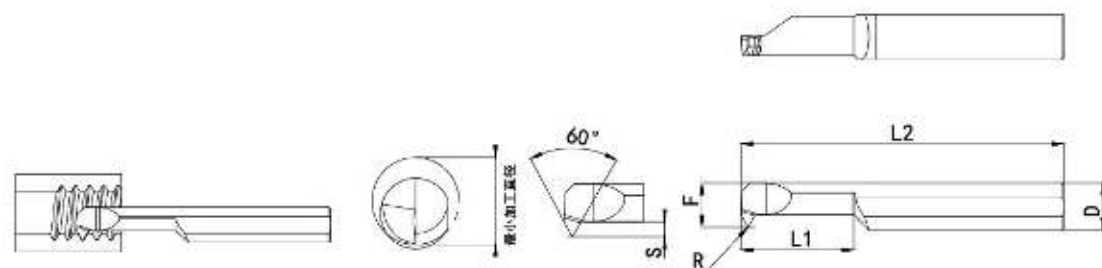
>>> MZL微型镗刀 MZL micro boring



型号 Designation	尺寸 Size						Dmin
	F	L1	L2	T	W	D	
MZL 4 R0.5 L15	1.75	15.0	50	1.2	1.0	4.0	5.0
MZL 4 R0.75 L15	1.75	15.0	50	1.5	1.5	4.0	5.0
MZL 5 R0.5 L15	2.25	15.0	50	1.2	1.0	6.0	6.0
MZL 5 R0.75 L15	2.25	15.0	50	1.5	1.5	6.0	6.0
MZL 5 R1.0 L15	2.25	15.0	50	2.5	2.0	6.0	6.0
MZL 5 R0.5 L22	2.25	22.0	50	1.2	1.0	6.0	6.0
MZL 5 R0.75 L22	2.25	22.0	50	1.5	1.5	6.0	6.0
MZL 5 R1.0 L22	2.25	22.0	50	2.5	2.0	6.0	6.0
MZL 6 R0.5 L15	2.75	15.0	50	1.2	1.0	6.0	8.0
MZL 6 R0.75 L15	2.75	15.0	50	1.5	1.5	6.0	8.0
MZL 6 R1.0 L15	2.75	15.0	50	2.5	2.0	6.0	8.0
MZL 6 R0.5 L22	2.75	22.0	50	1.2	1.0	6.0	8.0
MZL 6 R0.75 L22	2.75	22.0	50	1.5	1.5	6.0	8.0
MZL 6 R1.0 L22	2.75	22.0	50	2.5	2.0	6.0	8.0

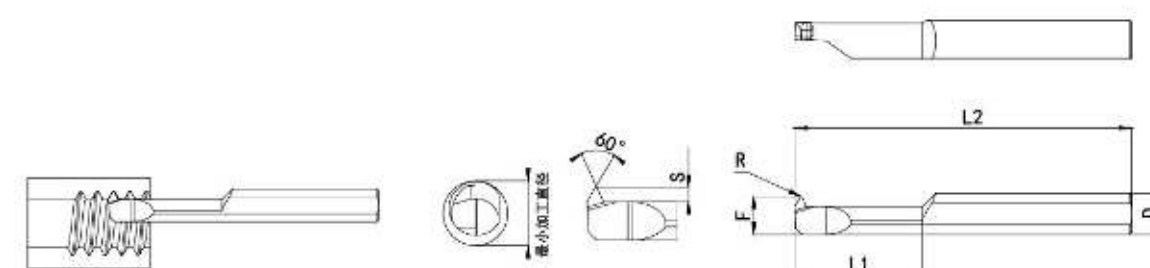
小孔径镗刀系列 Micro boring

>>> MIR-60° 微型镗刀 MIR-60° micro boring



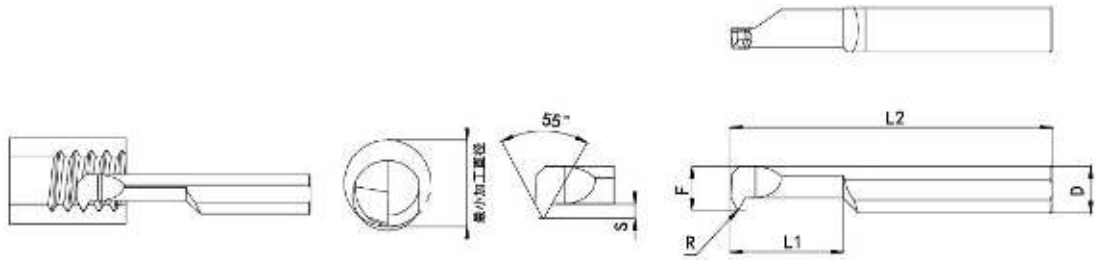
型号 Designation	尺寸 Size							螺距 Pitch		Dmin
	B	L1	L2	a	F	H	D	mm	TPI	
MIR 1 L4 A60	0.45	4.0	50	60°	0.95	0.3	4.0	0.25-0.35	100-72	1.2
MIR 1.5 L6 A60	0.65	6.0	50	60°	1.4	0.4	4.0	0.35-0.45	72-56	1.6
MIR 2 L8 A60	0.90	8.0	50	60°	1.9	0.5	4.0	0.45-0.7	56-32	2.1
MIR 2.5 L10 A60	1.15	10.0	50	60°	2.4	0.6	4.0	0.6-0.8	40-32	2.6
MIR 3 L10 A60	1.40	10.0	50	60°	2.9	0.7	4.0	0.8-1.0	32-24	3.2
MIR 3 L15 A60	1.40	15.0	50	60°	2.9	0.7	4.0	0.8-1.0	32-24	3.2
MIR 3.5 L10 A60	1.65	10.0	50	60°	3.4	0.6	4.0	0.8-1.0	32-24	3.6
MIR 3.5 L15 A60	1.65	15.0	50	60°	3.4	0.6	4.0	0.8-1.0	32-24	3.6
MIR 4 L10 A60	1.80	10.0	50	60°	3.8	0.7	4.0	0.8-1.0	32-24	4.1
MIR 4 L15 A60	1.80	15.0	50	60°	3.8	0.7	4.0	0.8-1.0	32-24	4.1
MIR 5 L15 A60	2.30	15.0	50	60°	4.8	0.9	6.0	1.0-1.25	24-20	5.1
MIR 5 L22 A60	2.30	22.0	50	60°	4.8	0.9	6.0	1.0-1.25	24-20	5.1
MIR 5 L30 A60	2.30	30.0	60	60°	4.8	0.9	6.0	1.0-1.25	24-20	5.1
MIR 6 L15 A60	2.60	15.0	50	60°	5.6	1.05	6.0	1.0-1.5	24-16	6.1
MIR 6 L22 A60	2.60	22.0	50	60°	5.6	1.05	6.0	1.0-1.5	24-16	6.1
MIR 6 L30 A60	2.60	30.0	60	60°	5.6	1.05	6.0	1.0-1.5	24-16	6.1
MIR 8 L22 A60	3.60	22.0	60	60°	7.6	1.4	8.0	1.0-2.0	24-13	8.1
MIR 8 L30 A60	3.60	30.0	60	60°	7.6	1.4	8.0	1.0-2.0	24-13	8.1
MIR 10 L25 A60	4.80	25.0	75	60°	9.8	2.0	10.0	1.0-3.0	24-8	10.1
MIR 10 L35 A60	4.80	35.0	75	60°	9.8	2.0	10.0	1.0-3.0	24-8	10.1

>>> MIR-60° -V微型镗刀 MIR-60°-V micro boring



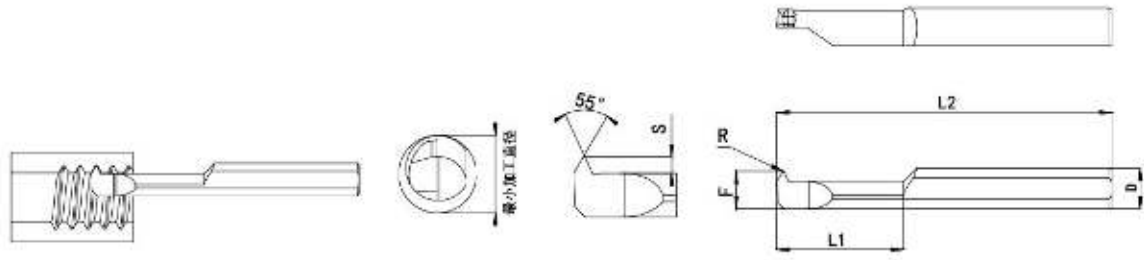
型号 Designation	尺寸 Size							螺距 Pitch		Dmin
	B	L1	L2	a	F	H	D	mm	TPI	
MIR 1 L4 A60-V	0.45	4.0	50	60°	0.95	0.3	4.0	0.25-0.35	100-72	1.2
MIR 1.5 L6 A60-V	0.65	6.0	50	60°	1.4	0.4	4.0	0.35-0.45	72-56	1.6
MIR 2 L8 A60-V	0.90	8.0	50	60°	1.9	0.5	4.0	0.45-0.7	56-32	2.1
MIR 2.5 L10 A60-V	1.15	10.0	50	60°	2.4	0.7	4.0	0.5-0.8	40-32	2.6
MIR 3 L10 A60-V	1.40	10.0	50	60°	2.9	1.2	4.0	0.5-1.0	40-24	3.2
MIR 3 L15 A60-V	1.40	15.0	50	60°	2.9	1.2	4.0	0.5-1.0	40-24	3.2
MIR 3.5 L10 A60-V	1.65	10.0	50	60°	3.4	1.25	4.0	0.5-1.25	40-20	3.6
MIR 3.5 L15 A60-V	1.65	15.0	50	60°	3.4	1.25	4.0	0.5-1.25	40-20	3.6
MIR 4 L10 A60-V	1.90	10.0	50	60°	3.9	1.3	4.0	0.7-1.5	36-18	4.1
MIR 4 L15 A60-V	1.90	15.0	50	60°	3.9	1.3	4.0	0.7-1.5	36-18	4.1
MIR 5 L15 A60-V	2.40	15.0	50	60°	4.9	1.6	6.0	0.7-1.75	36-16	5.1
MIR 5 L22 A60-V	2.40	22.0	50	60°	4.9	1.6	6.0	0.7-1.75	36-16	5.1
MIR 5 L30 A60-V	2.40	30.0	60	60°	4.9	1.6	6.0	0.7-1.75	36-16	5.1
MIR 6 L15 A60-V	2.90	15.0	50	60°	5.9	2.0	6.0	0.75-2.0	32-13	6.1
MIR 6 L22 A60-V	2.90	22.0	50	60°	5.9	2.0	6.0	0.75-2.0	32-13	6.1
MIR 6 L30 A60-V	2.90	30.0	60	60°	5.9	2.0	6.0	0.75-2.0	32-13	6.1
MIR 8 L22 A60-V	3.90	22.0	60	60°	7.9	2.6	8.0	0.8-2.5	32-11	8.1
MIR 8 L30 A60-V	3.90	30.0	60	60°	7.9	2.6	8.0	0.8-2.5	32-11	8.1
MIR 10 L25 A60-V	4.90	25.0	75	60°	9.9	3.0	10.0	1.0-3.5	24-8	10.1
MIR 10 L35 A60-V	4.90	35.0	75	60°	9.9	3.0	10.0	1.0-3.5	24-8	10.1

MIR-55° 微型镗刀 MIR-55° micro boring



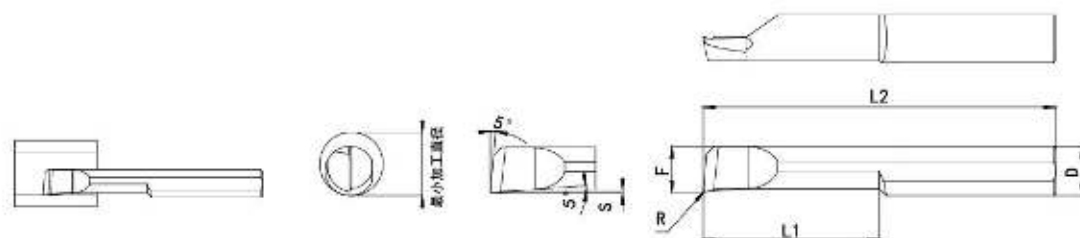
型号 Designation	尺寸 Size							螺距 Pitch		Dmin
	R	L1	L2	α	F	H	D	mm	TPI	
MIR 3 L10 A55	1.40	10.0	50	55°	2.9	0.7	4.0	0.5-1.0	48-24	3.2
MIR 3 L15 A55	1.40	15.0	50	55°	2.9	0.7	4.0	0.5-1.0	48-24	3.2
MIR 4 L10 A55	1.80	10.0	50	55°	3.8	0.7	4.0	0.5-1.0	48-24	4.1
MIR 4 L15 A55	1.80	15.0	50	55°	3.8	0.7	4.0	0.5-1.0	48-24	4.1
MIR 5 L15 A55	2.30	15.0	50	55°	4.8	0.9	6.0	0.5-1.25	48-20	5.1
MIR 5 L22 A55	2.30	22.0	50	55°	4.8	0.9	6.0	0.5-1.25	48-20	5.1
MIR 5 L30 A55	2.30	30.0	60	55°	4.8	0.9	6.0	0.5-1.25	48-20	5.1
MIR 6 L15 A55	2.60	15.0	50	55°	5.6	1.05	6.0	0.5-1.5	48-16	6.1
MIR 6 L22 A55	2.60	22.0	50	55°	5.6	1.05	6.0	0.5-1.5	48-16	6.1
MIR 6 L30 A55	2.60	30.0	60	55°	5.6	1.05	6.0	0.5-1.5	48-16	6.1
MIR 8 L22 A55	3.60	22.0	60	55°	7.6	1.4	8.0	1.0-2.0	24-13	8.1
MIR 8 L30 A55	3.60	30.0	60	55°	7.6	1.4	8.0	1.0-2.0	24-13	8.1
MIR 10 L25 A55	4.80	25.0	75	55°	9.8	2.0	10.0	1.0-3.0	24-8	10.1
MIR 10 L35 A55	4.80	35.0	75	55°	9.8	2.0	10.0	1.0-3.0	24-8	10.1

MIR-55° _V微型镗刀 MIR-55°-V micro boring



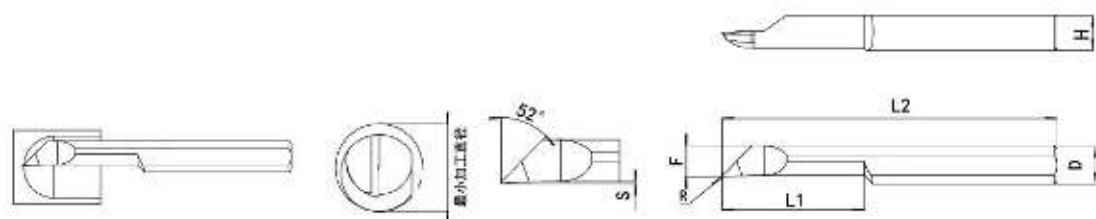
型号 Designation	尺寸 Size							螺距 Pitch		Dmin
	R	L1	L2	α	F	H	D	mm	TPI	
MIR 3 L10 A55-V	1.40	10.0	50	55°	2.9	1.2	4.0	0.5-1.0	40-24	3.2
MIR 3 L15 A55-V	1.40	15.0	50	55°	2.9	1.2	4.0	0.5-1.0	40-24	3.2
MIR 4 L10 A55-V	1.90	10.0	50	55°	3.9	1.3	4.0	0.7-1.5	36-18	4.1
MIR 4 L15 A55-V	1.90	15.0	50	55°	3.9	1.3	4.0	0.7-1.5	36-18	4.1
MIR 5 L15 A55-V	2.40	15.0	50	55°	4.9	1.6	6.0	0.75-1.75	36-16	5.1
MIR 5 L22 A55-V	2.40	22.0	50	55°	4.9	1.6	6.0	0.75-1.75	36-16	5.1
MIR 5 L30 A55-V	2.40	30.0	60	55°	4.9	1.6	6.0	0.75-1.75	36-16	5.1
MIR 6 L15 A55-V	2.90	15.0	50	55°	5.9	2.0	6.0	0.75-2.0	32-13	6.1
MIR 6 L22 A55-V	2.90	22.0	50	55°	5.9	2.0	6.0	0.75-2.0	32-13	6.1
MIR 6 L30 A55-V	2.90	30.0	60	55°	5.9	2.0	6.0	0.75-2.0	32-13	6.1
MIR 8 L22 A55-V	3.90	22.0	60	55°	7.9	2.6	8.0	0.8-2.5	32-11	8.1
MIR 8 L30 A55-V	3.90	30.0	60	55°	7.9	2.6	8.0	0.8-2.5	32-11	8.1
MIR 10 L25 A55-V	4.90	25.0	75	55°	9.9	3.0	10.0	1.0-3.5	24-8	10.1
MIR 10 L35 A55-V	4.90	35.0	75	55°	9.9	3.0	10.0	1.0-3.5	24-8	10.1

》》 MIR-TR 微型镗刀 MIR-TR micro boring



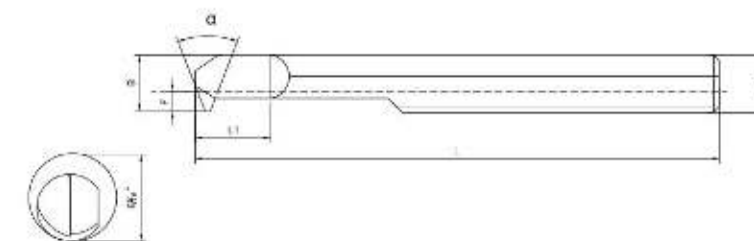
型号 Designation	尺寸 Size						螺距 Pitch	Dmin
	B	L1	L2	α	F	D		
MIR 6 L22 1.5TR	2.80	22.0	50	30°	5.8	6.0	TR8X1.5 TR9X1.5 TR10X1.5	6.4
MIR 7 L25 2.0TR	3.20	25.0	60	30°	6.7	8.0	TR9X2.0 TR10X2.0 TR11X2.0 TR12X2.0	6.9
MIR 7 L35 2.0TR	3.30	35.0	75	30°	6.8	8.0	TR11X3.0 TR12X3.0	7.5
MIR 10 L35 2.0TR	4.80	35.0	75	30°	9.8	10.0	TR14X2.0 TR16X2.0 TR18X2.0 TR20X2.0	11.0
MIR 10 L35 3.0TR	4.80	35.0	75	30°	9.8	10.0	TR14X3.0 TR22X3.0 TR24X3.0 TR26X3.0 TR28X3.0	10.5
MIR 10 L45 4.0TR	4.80	45.0	100	30°	9.8	10.0	TR16X4.0 TR18X4.0 TR20X4.0	11.5
MIR 10 L55 5.0TR	4.80	55.0	100	30°	9.8	10.0	TR22X5.0 TR24X5.0 TR28X5.0	11.0

》》 MAR 微型镗刀 MAR micro boring



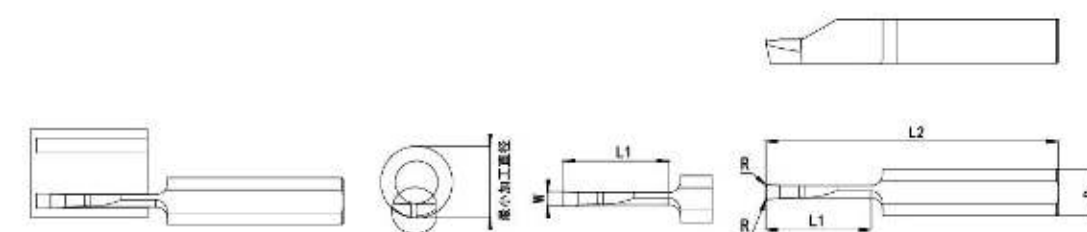
型号 Designation	尺寸 Size						Dmin
	F	L1	L2	B	R	D	
MAR 3 R0.05/R0.1 L10	1.60	10.0	50	0.35	0.05/0.1	4.0	3.5
MAR 4 R0.1/R0.2 L10	2.10	10.0	50	0.45	0.1/0.2	4.0	4.5
MAR 5 R0.1/R0.2 L15	2.60	15.0	50	0.55	0.1/0.2	6.0	5.5
MAR 6 R0.1/R0.2 L15	3.10	15.0	50	0.65	0.1/0.2	6.0	6.5

》》 MIR-ACME 微型镗刀 MIR-ACME micro boring



型号 Designation	尺寸 Size						螺距 Pitch	Dmin
	F	L1	L	α	R	D		
MIR 4 L15 1.6ACME	1.80	15.0	50	29°	3.8	4.0	1/4X1.6	4.6
MIR 6 L20 1.4ACME	2.80	20.0	50	29°	5.8	6.0	5/16X1.4	6.1
MIR 7 L22 1.2ACME	3.30	22.0	60	29°	6.8	8.0	3/8X1.2 7/16X1.2	7.2
MIR 8 L30 1.0ACME	3.80	30.0	60	29°	7.8	8.0	1/2X1.0	10.0
MIR 10 L35 8ACME	4.80	35.0	75	29°	9.8	10.0	5/8X8	12.5
MIR 10 L45 6ACME	4.80	45.0	100	29°	9.8	10.0	3/4X6 7/8X6	14.5
MIR 10 L52 5ACME	4.80	52.0	100	29°	9.8	10.0	1X5	20.0

》》 MVR 微型镗刀 MVR micro boring



型号 Designation	尺寸 Size						Dmin
	W	F	□	L2	R	D	
MVR 6R2.0 L10	2.0	1.1	10	60	0.2	6.0	10.0
MVR 6R2.0 L15	2.0	1.1	15	60	0.2	6.0	10.0
MVR 6R2.0 L22	2.0	1.1	22	60	0.2	6.0	10.0
MVR 6R2.5 L15	2.5	1.4	15	60	0.2	6.0	12.0
MVR 6R2.5 L22	2.5	1.4	22	60	0.2	6.0	12.0
MVR 6R3.0 L22	3.0	1.6	22	60	0.2	6.0	12.0
MVR 6R3.0 L27	3.0	1.6	27	60	0.2	8.0	15.0
MVR 6R3.0 L43	3.0	1.6	43	100	0.2	8.0	15.0
MVR 6R4.0 L43	4.0	2.1	43	100	0.2	8.0	20.0

>>> SHB 扁平定位套 SHB series tool holder

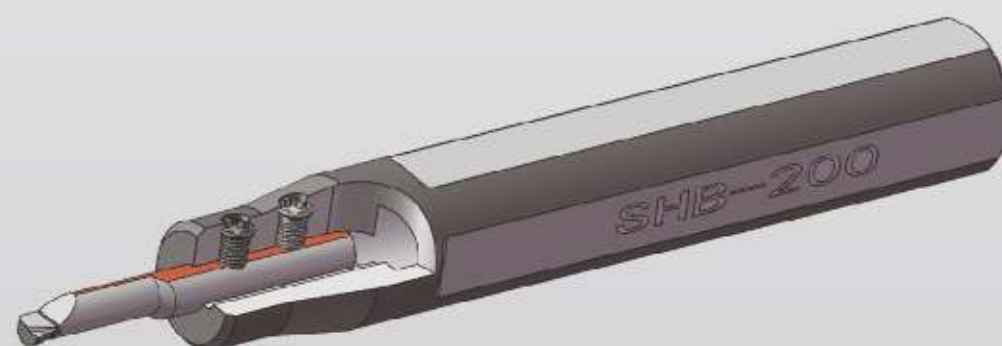


型号 Designation	尺寸 Size	
	D	d
SHB1603	16	3
SHB1604	16	4
SHB1605	16	5
SHB1606	16	6
SHB1607	16	7

型号 Designation	尺寸 Size	
	D	d
SHB2003	20	3
SHB2004	20	4
SHB2005	20	5
SHB2006	20	6
SHB2007	20	7
SHB2008	20	8

型号 Designation	尺寸 Size	
	D	d
SHB2203	22	3
SHB2204	22	4
SHB2205	22	5
SHB2206	22	6
SHB2207	22	7
SHB2208	22	8

型号 Designation	尺寸 Size	
	D	d
SHB2503	25	3
SHB2504	25	4
SHB2505	25	5
SHB2506	25	6
SHB2507	25	7
SHB2508	25	8



A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

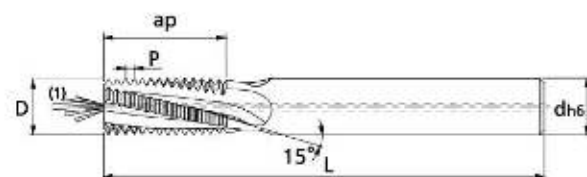
C
铣削刀具
Milling tool holder

D
钻头刀具
Drill tool holder

E
硬质合金刀具
Carbide tools

螺纹铣刀系列 Thread end mill

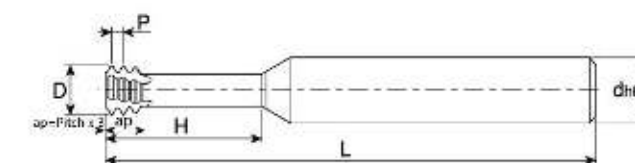
ISO M/MF 通用全牙螺纹铣刀2xDo ISO M/MF Universal full teeth thread end mill



螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D	ap	L	dh6		
0.5	M3x0.5		D2.3*6*D4*50-FT	2.30	6.0	50	4	2.5	3-4
		M5x0.5	D4.2*10*D6*50-FT	4.20	10.0	50	6	4.5	3-4
0.7	M4x0.7		D3.1*8*D4*50-FT	3.10	8.0	50	4	3.3	3-4
0.75		M6x0.75	D5.0*12*D6*50-FT	5.00	12.0	50	6	5.25	3-4
		M8x0.75	D6.5*16*D8*60-FT	6.50	16.0	60	8	7.25	4-6
0.8	M6x0.8		D3.9*10*D6*50-FT	3.90	10.0	50	6	4.2	3-4
1.0	M6x1.0		D4.6*12*D6*50-FT	4.60	12.0	50	6	5.0	3-4
		M8x1.0	D6.5*16*D8*60-FT	6.50	16.0	60	8	7.0	4-6
		M10x1.0	D8.5*20*D10*75-FT	8.50	20.0	75	10	9.0	4-6
		M12x1.0	D10.0*24*D10*75-FT	10.00	24.0	75	10	11.0	4-6
1.25	M8x1.25		D6.5*16*D8*60-FT	6.50	16.0	60	8	6.75	4-6
		M10x1.25	D8.2*20*D10*75-FT	8.20	20.0	75	10	10.75	4-6
		M12x1.25	D10.0*24*D10*75-FT	10.00	24.0	75	10	8.75	4-6
1.5	M10x1.5		D8.2*20*D10*75-FT	8.20	20.0	75	10	8.5	4-6
		M12x1.5	D10.0*24*D10*75-FT	10.00	24.0	75	10	10.5	4-6
		M14x1.5	D12.0*28*D12*75-FT	12.00	28.0	75	12	12.5	4-6
		M16x1.5	D14.0*32*D14*80-FT	14.00	32.0	80	14	14.5	4-6
1.75	M12x1.75		D9.9*24*D10*75-FT	9.90	24.0	75	10	10.2	4-6
2.0	M14x2.0		D11.6*29*D12*75-FT	11.60	28.0	75	12	12.0	4-6
	M16x2.0		D13.6*32*D14*80-FT	13.60	32.0	80	14	14.0	4-6
2.5	M18x2.5		D14.0*36*D14*80-FT	14.00	36.0	80	14	15.5	4-6
	M20x2.5		D16.0*40*D16*100-FT	16.00	40.0	100	16	17.5	4-6
3.0	M24x3.0		D16.0*50*D16*100-FT	16.00	50.0	100	16	21.0	4-6

订货示例: 通用型加工: M3x0.5 D2.35*6.5*D4*50-1T 有色金属加工: M3x0.5 D2.35*6.5*D4*50-1T-AL
Ordering Example: Universal processing: M3x0.5 D2.35*6.5*D4*50-1T Nonferrous metal processing: M3x0.5 D2.35*6.5*D4*50-1T-AL

ISO M/MF 通用三牙螺纹铣刀2xDo ISO M/MF Universal 3 teeth thread end mill

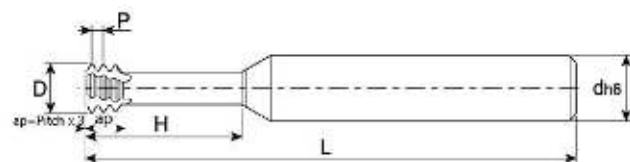


螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D	H	L	dh6		
0.25	M1.0x0.25		D0.7*2.2*D4*50-3T	0.70	2.2	50	4	0.75	3
	M1.2x0.25		D0.9*2.6*D4*50-3T	0.90	2.6	50	4	0.95	3
0.3	M1.4x0.3		D1.05*3.0*D4*50-3T	1.05	3.0	50	4	1.1	3
0.35	M1.6x0.35		D1.15*3.4*D4*50-3T	1.15	3.4	50	4	1.25	3
0.4	M2.0x0.4		D1.45*4.5*D4*50-3T	1.45	4.5	50	4	1.6	3-4
0.45	M2.5x0.45		D1.9*5.5*D4*50-3T	1.90	5.5	50	4	2.05	3-4
0.5	M3.0x0.5		D2.35*6.5*D4*50-3T	2.35	6.5	50	4	2.5	3-4
		M5x0.5	D4.2*10.5*D6*50-3T	4.20	10.5	50	6	4.5	3-4
0.7	M4.0x0.7		D3.15*8.5*D4*50-3T	3.15	8.5	50	4	3.3	3-4
0.75		M6x0.75	D5.0*12.5*D6*50-3T	5.00	12.5	50	6	5.25	3-4
		M8x0.75	D6.5*16.5*D8*60-3T	6.50	16.5	60	8	7.25	4-6
0.8	M5.0x0.8		D4.0*10.5*D6*50-3T	4.00	10.5	50	6	4.2	3-4
1.0	M6.0x1.0		D4.8*12.5*D6*50-3T	4.80	12.5	50	6	5.0	3-4
		M8x1.0	D6.5*16.5*D8*60-3T	6.50	16.5	60	8	7.0	4-6
		M10x1.0	D8.5*21*D10*75-3T	8.50	21.0	75	10	9.0	4-6
		M12x1.0	D10.0*25*D10*75-3T	10.00	25.0	75	10	11.0	4-6
1.25	M8.0x1.25		D6.5*16.5*D8*60-3T	6.50	16.5	60	8	6.75	4-6
		M10x1.25	D8.2*21*D10*75-3T	8.20	21.0	75	10	8.75	4-6
	M12x1.25		D10.0*25*D10*75-3T	10.00	25.0	75	10	10.75	4-6
1.5	M10x1.5		D8.2*21*D10*75-3T	8.20	21.0	75	10	8.5	4-6
		M12x1.5	D10.0*25*D10*75-3T	10.00	25.0	75	10	10.5	4-6
	M14x1.5		D12.0*29*D12*75-3T	12.00	29.0	75	12	12.5	4-6
	M16x1.5		D14.0*33*D14*80-3T	14.00	33.0	80	14	14.5	4-6
1.75	M12x1.75		D9.9*25*D10*75-3T	9.90	25.0	75	10	10.2	4-6
2.0	M14x2.0		D11.6*29*D12*75-3T	11.60	29.0	75	12	12.0	4-6
	M16x2.0		D13.6*33*D14*80-3T	13.60	33.0	80	14	14.0	4-6
2.5	M18x2.5		D14.0*37*D14*80-3T	14.00	37.0	80	14	15.5	4-6
	M20x2.5		D16.0*41*D16*100-3T	16.00	41.0	100	16	17.5	4-6

订货示例: 通用型加工: M3x0.5 D2.35*6.5*D4*50-3T 有色金属加工: M3x0.5 D2.35*6.5*D4*50-3T-AL
Ordering Example: Universal processing: M3x0.5 D2.35*6.5*D4*50-3T Nonferrous metal processing: M3x0.5 D2.35*6.5*D4*50-3T-AL

螺纹铣刀系列 Thread end mill

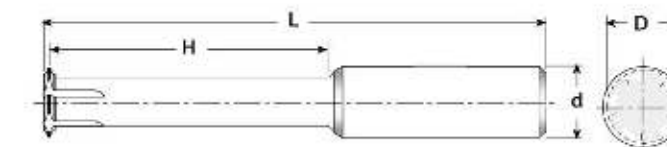
ISO M/MF 通用三牙螺纹铣刀3xDo ISO M/MF Universal 3 teeth thread end mill



螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D	H	L	d		
0.25	M1.0x0.25		D0.7*3.0*D4*50-3T	0.70	3.0	50	4	0.75	3
	M1.2x0.25		D0.9*3.6*D4*50-3T	0.90	3.6	50	4	0.95	3
0.3	M1.4x0.3		D1.05*4.2*D4*50-3T	1.05	4.2	50	4	1.1	3
0.35	M1.6x0.35		D1.15*4.8*D4*50-3T	1.15	4.8	50	4	1.25	3
0.4	M2.0x0.4		D1.45*6*D4*50-3T	1.45	6.0	50	4	1.6	3-4
0.45	M2.5x0.45		D1.9*7.5*D4*50-3T	1.90	7.5	50	4	2.05	3-4
0.5	M3.0x0.5		D2.35*9*D4*50-3T	2.35	9.0	50	4	2.5	3-4
		M5x0.5	D4.2*15*D6*50-3T	4.20	15.0	50	6	4.5	3-4
0.7	M4.0x0.7		D3.15*12*D4*50-3T	3.15	12.0	50	4	3.3	3-4
0.75		M6x0.75	D5.0*18*D6*50-3T	5.00	18.0	50	6	5.25	3-4
		M8x0.75	D6.5*24*D8*60-3T	6.50	24.0	60	8	7.25	4-6
0.8	M5.0x0.8		D4.0*15*D6*50-3T	4.00	15.0	50	6	4.2	3-4
1.0	M6.0x1.0		D4.8*18*D6*50-3T	4.80	18.0	50	6	5.0	3-4
		M8x1.0	D6.5*24*D8*60-3T	6.50	24.0	60	8	7.0	4-6
		M10x1.0	D8.5*30*D10*75-3T	8.50	30.0	75	10	9.0	4-6
		M12x1.0	D10.0*36*D10*75-3T	10.0	36.0	75	10	11.0	4-6
1.25	M8.0x1.25		D6.5*24*D8*60-3T	6.50	24.0	60	8	6.75	4-6
		M10x1.25	D8.2*30*D10*75-3T	8.20	30.0	75	10	8.75	4-6
		M12x1.25	D10.0*36*D10*75-3T	10.00	36.0	75	10	10.75	4-6
1.5	M10x1.5		D8.2*30*D10*75-3T	8.20	30.0	75	10	8.5	4-6
		M12x1.5	D10.0*36*D10*75-3T	10.00	36.0	75	10	10.5	4-6
		M14x1.5	D12.0*36*D12*75-3T	12.00	36.0	75	12	12.5	4-6
		M16x1.5	D14.0*40*D14*80-3T	14.00	40.0	80	14	14.5	4-6
1.75	M12x1.75		D9.9*36*D10*75-3T	9.90	36.0	75	10	10.2	4-6
2.0	M14x2.0		D11.6*36*D12*75-3T	11.60	36.0	75	12	12.0	4-6
	M16x2.0		D13.6*40*D14*80-3T	13.60	40.0	80	14	14.0	4-6
2.5	M18x2.5		D14.0*54*D14*100-3T	14.00	54.0	100	14	15.5	4-6
	M20x2.5		D16.0*60*D16*100-3T	16.00	60.0	100	16	17.5	4-6

订货示例：通用型加工：M3x0.5 D2.35*6.5*D4*50-3T 有色金属加工：M3x0.5 D2.35*6.5*D4*50-3T-AL
Ordering Example: Universal processing: M3x0.5 D2.35*6.5*D4*50-3T Nonferrous metal processing: M3x0.5 D2.35*6.5*D4*50-3T-AL

ISO M/MF 通用单牙螺纹铣刀2xDo ISO M/MF Universal 1 teeth thread end mil

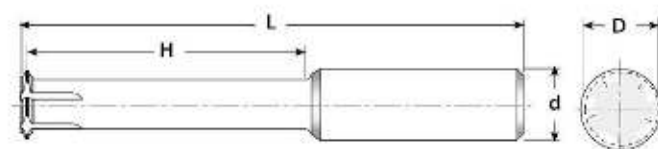


螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D	H	L	d		
0.25	M1.0x0.25		D0.7*3.0*D4*50-1T	0.70	3.0	50	4	0.75	3
	M1.2x0.25		D0.9*3.6*D4*50-1T	0.90	3.6	50	4	0.95	3
0.3	M1.4x0.3		D1.05*4.2*D4*50-1T	1.05	4.2	50	4	1.1	3
0.35	M1.6x0.35		D1.15*4.8*D4*50-1T	1.15	4.8	50	4	1.25	3
0.4	M2.0x0.4		D1.45*6*D4*50-1T	1.45	6.0	50	4	1.6	3-4
0.45	M2.5x0.45		D1.9*7.5*D4*50-1T	1.90	7.5	50	4	2.05	3-4
0.5	M3.0x0.5		D2.35*9*D4*50-1T	2.35	9.0	50	4	2.5	3-4
		M5x0.5	D4.2*15*D6*50-1T	4.20	15.0	50	6	4.5	3-4
0.7	M4.0x0.7		D3.15*12*D4*50-1T	3.15	12.0	50	4	3.3	3-4
0.75		M6x0.75	D5.0*18*D6*50-1T	5.00	18.0	50	6	5.25	3-4
		M8x0.75	D6.5*24*D8*60-1T	6.50	24.0	60	8	7.25	4-6
0.8	M5.0x0.8		D4.0*15*D6*50-1T	4.00	15.0	50	6	4.2	3-4
1.0	M6.0x1.0		D4.8*18*D6*50-1T	4.80	18.0	50	6	5.0	3-4
		M8x1.0	D6.5*24*D8*60-1T	6.50	24.0	60	8	7.0	4-6
		M10x1.0	D8.5*30*D10*75-1T	8.50	30.0	75	10	9.0	4-6
		M12x1.0	D10.0*36*D10*75-1T	10.00	36.0	75	10	11.0	4-6
1.25	M8.0x1.25		D6.5*24*D8*60-1T	6.50	24.0	60	8	6.75	4-6
		M10x1.25	D8.2*30*D10*75-1T	8.20	30.0	75	10	8.75	4-6
		M12x1.25	D10.0*36*D10*75-1T	10.00	36.0	75	10	10.75	4-6
1.5	M10x1.5		D8.2*30*D10*75-1T	8.20	30.0	75	10	8.5	4-6
		M12x1.5	D10.0*36*D10*75-1T	10.00	36.0	75	10	10.5	4-6
		M14x1.5	D12.0*36*D12*75-1T	12.00	36.0	75	12	12.5	4-6
		M16x1.5	D14.0*40*D14*80-1T	14.00	40.0	80	14	14.5	4-6
1.75	M12x1.75		D9.9*36*D10*75-1T	9.90	36.0	75	10	10.2	4-6
2.0	M14x2.0		D11.6*36*D12*75-1T	11.60	36.0	75	12	12.0	4-6
	M16x2.0		D13.6*40*D14*80-1T	13.60	40.0	80	14	14.0	4-6
2.5	M18x2.5		D14.0*54*D14*100-1T	14.00	54.0	100	14	15.5	4-6
	M20x2.5		D16.0*60*D16*100-1T	16.00	60.0	100	16	17.5	4-6

订货示例：通用型加工：M3x0.5 D2.35*6.5*D4*50-1T 有色金属加工：M3x0.5 D2.35*6.5*D4*50-1T-AL
Ordering Example: Universal processing: M3x0.5 D2.35*6.5*D4*50-1T Nonferrous metal processing: M3x0.5 D2.35*6.5*D4*50-1T-AL

螺纹铣刀系列 Thread end mill

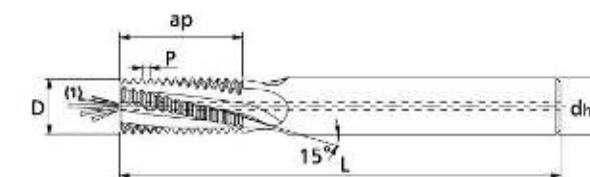
ISO M/MF 通用单牙螺纹铣刀3xD₀ ISO M/MF Universal 1 teeth thread end mill



螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D	H	L	d		
0.25	M1.0x0.25		D0.7*2.2*D4*50-1T	0.70	2.2	50	4	0.75	3
	M1.2x0.25		D0.9*2.6*D4*50-1T	0.90	2.6	50	4	0.95	3
0.3	M1.4x0.3		D1.05*3.0*D4*50-1T	1.05	3.0	50	4	1.1	3
0.35	M1.6x0.35		D1.15*3.4*D4*50-1T	1.15	3.4	50	4	1.25	3
0.4	M2.0x0.4		D1.45*4.5*D4*50-1T	1.45	4.5	50	4	1.6	3-4
0.45	M2.5x0.45		D1.9*5.5*D4*50-1T	1.90	5.5	50	4	2.05	3-4
0.5	M3.0x0.5		D2.35*6.5*D4*50-1T	2.35	6.5	50	4	2.5	3-4
		M5x0.5	D4.2*10.5*D6*50-1T	4.20	10.5	50	6	4.5	3-4
0.7	M4.0x0.7		D3.15*8.5*D4*50-1T	3.15	8.5	50	4	3.3	3-4
0.75		M6x0.75	D5.0*12.5*D6*50-1T	5.00	12.5	50	6	5.25	3-4
		M8x0.75	D6.5*16.5*D8*60-1T	6.50	16.5	60	8	7.25	4-6
0.8	M5.0x0.8		D4.0*10.5*D6*50-1T	4.00	10.5	50	6	4.2	3-4
1.0	M6.0x1.0		D4.8*12.5*D6*50-1T	4.80	12.5	50	6	5.0	3-4
		M8x1.0	D6.5*16.5*D8*60-1T	6.50	16.5	60	8	7.0	4-6
		M10x1.0	D8.5*21*D10*75-1T	8.50	21.0	75	10	9.0	4-6
		M12x1.0	D10.0*25*D10*75-1T	10.00	25.0	75	10	11.0	4-6
1.25	M8.0x1.25		D6.5*16.5*D8*60-1T	6.50	16.5	60	8	6.75	4-6
		M10x1.25	D8.2*21*D10*75-1T	8.20	21.0	75	10	8.75	4-6
		M12x1.25	D10.0*25*D10*75-1T	10.00	25.0	75	10	10.75	4-6
1.5	M10x1.5		D8.2*21*D10*75-1T	8.20	21.0	75	10	8.5	4-6
		M12x1.5	D10.0*25*D10*75-1T	10.00	25.0	75	10	10.5	4-6
		M14x1.5	D12.0*29*D12*75-1T	12.00	29.0	75	12	12.5	4-6
		M16x1.5	D14.0*33*D14*80-1T	14.00	33.0	80	14	14.5	4-6
1.75	M12x1.75		D9.9*25*D10*75-1T	9.90	25.0	75	10	10.2	4-6
2.0	M14x2.0		D11.6*29*D12*75-1T	11.60	29.0	75	12	12.0	4-6
	M16x2.0		D13.6*33*D14*80-1T	13.60	33.0	80	14	14.0	4-6
2.5	M18x2.5		D14.0*37*D14*80-1T	14.00	37.0	80	14	15.5	4-6
	M20x2.5		D16.0*41*D16*100-1T	16.00	41.0	100	16	17.5	4-6

订货示例: 通用型加工: M3x0.5 D2.35*6.5*D4*50-1T 有色金属加工: M3x0.5 D2.35*6.5*D4*50-1T-AL
Ordering Example: Universal processing: M3x0.5 D2.35*6.5*D4*50-1T Nonferrous metal processing: M3x0.5 D2.35*6.5*D4*50-1T-AL

美标 UNC/UNF 通用螺纹铣刀2xD₀ UNC/UNF Universal thread end mill

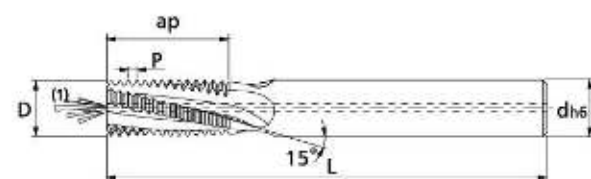


螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D	ap	L	dh6		
36		No.8-36	D3.2*8.5*D4*50-FT	3.20	8.5	50	4	3.5	3-4
32		No.10-32	D3.8*11.1*D4*50-FT	3.80	11.1	50	4	4.0	3-4
28		No.12-28	D4.2*11.8*D4*50-FT	4.20	11.8	50	6	4.6	3-4
		1/4"-28	D5.2*12.7*D6*50-FT	5.20	12.7	50	6	5.5	3-4
24	No.10-24		D3.5*10.6*D4*50-FT	3.50	10.6	50	4	3.8	3-4
	No.12-24		D4.2*11.6*D6*50-FT	4.20	11.6	50	6	4.5	3-4
		5/16"-24	D6.5*15.9*D8*60-FT	6.50	15.9	60	8	6.8	4-6
20		3/8"-24	D8.2*19.1*D10*75-FT	8.20	19.1	75	10	8.5	4-6
	1/4"-20		D4.8*12.7*D6*50-FT	4.80	12.7	50	6	5.2	3-4
		7/16"-20	D9.5*22.9*D10*75-FT	9.50	22.9	75	10	9.8	4-6
18		1/2"-20	D10.0*25.4*D10*75-FT	10.00	25.4	75	10	11.5	4-6
	5/16"-18		D6.7*16.9*D8*60-FT	6.70	16.9	60	8	6.5	4-6
		9/16"-18	D12.0*29.6*D12*75-FT	12.00	29.6	75	12	12.8	4-6
16		5/8"-18	D14.0*32.5*D14*80-FT	14.00	32.5	80	14	14.5	4-6
	3/8"-16		D7.7*19.1*D8*60-FT	7.70	19.1	60	8	8.0	4-6
14		3/4"-16	D16.0*38.1*D16*100-FT	16.00	38.1	100	16	17.5	4-6
	7/16"-14		D9.0*23.6*D10*75-FT	9.00	23.6	75	10	9.3	4-6
13		7/8"-14	D16.0*44.4*D16*100-FT	16.00	44.4	100	16	20.5	4-6
	1/2"-13		D10.0*25.4*D10*75-FT	10.00	25.4	75	10	10.8	4-6
12		9/16"-12	D12.0*29.6*D12*75-FT	12.00	29.6	75	12	12.3	4-6
		1"-1 1/2-12	D16.0*50.8*D16*100-FT	16.00	50.8	100	16	23.5	4-6
11	5/8"-11		D12.0*32.3*D12*75-FT	12.00	32.3	75	12	13.5	4-6
10	3/4"-10		D16.0*38.1*D16*100-FT	16.00	38.1	100	16	16.5	4-6
9	7/8"-9		D16.0*45.2*D16*100-FT	16.00	45.2	100	16	19.5	4-6
8	1"-8		D16.0*50.8*D16*100-FT	16.00	50.8	100	16	22.0	4-6

订货示例: 通用型加工: 1/4"-28 D5.2*12.7*D6*50-FT 有色金属加工: 1/4"-28 D5.2*12.7*D6*50-FT-AL
Ordering Example: Universal processing: 1/4"-28 D5.2*12.7*D6*50-FT Nonferrous metal processing: 1/4"-28 D5.2*12.7*D6*50-FT-AL

螺纹铣刀系列 Thread end mill

>>> 英制BSPT(RC)通用螺纹铣刀 British system BSPT(RC)Universal thread end mill

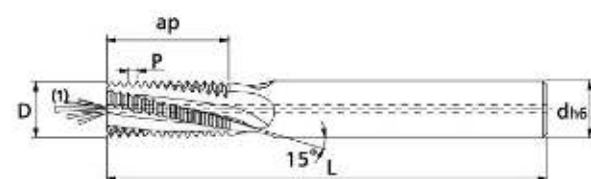


牙数 Tpi	螺纹规格 Thread specifications	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
			D	ap	L	dh6		
28	RC1/16"-28	D4.9*16.3*D6*50-FT	4.90	16.3	50	6	6.7	3-4
	RC1/8"-28	D6.7*20*D8*60-FT	6.70	20.0	60	8	8.7	3-4
19	RC1/4"-19	D8.3*26.7*D10*75-FT	8.30	26.7	75	10	11.8	4-6
	RC3/8"-19	D11.9*33.4*D14*80-FT	11.90	33.4	80	14	15.2	4-6
14	RC1/2"-14 RC3/4"-14	D13.2*43.5*D16*100-FT	13.20	43.5	100	16	19.0	4-6
11	RC1"-2 RC1 1/2"-11	D13.4*41.6*D16*100-FT	13.40	41.6	100	16	30.7	4-6

订货示例:通用型加工:RC1/8"-28D6.7*20*D8*60-FT 有色金属加工:RC1/8"-28D6.7*20*D8*60-FT-AL

Ordering Example:Universal processing:RC1/8"-28 D6.7*20*D8*60-FT Nonferrous metal processing:RC1/8"-28 D6.7*20*D8*60-FT-AL

>>> 美标NPT/NPTF通用螺纹铣刀 NPT/NPTF Universal thread end mil



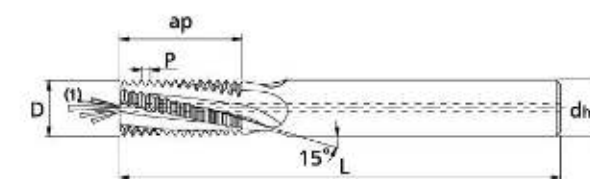
牙数 Tpi	螺纹规格 Thread specifications	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
			D	ap	L	dh6		
27	1/16"-27	D5.3*9.4*D6*50-FT	5.30	9.4	50	6	6.3	3-4
	1/8"-27	D7.3*9.4*D8*60-FT	7.30	9.4	60	8	8.5	3-4
18	1/4"-18	D9.0*14.1*D10*75-FT	9.00	14.1	75	10	11.1	4-6
	3/8"-18	D11.0*14.1*D12*75-FT	11.00	14.1	75	12	14.5	4-6
14	1/2"-14 3/4"-14	D14.3*25.4*D16*100-FT	14.30	25.4	100	16	17.7;23.0	4-6
11.5	1"-2 1 1/2"-11.5	D13.9*33.1*D16*100-FT	13.90	33.1	100	16	29.0-56.0	4-6
8	2 1/2"-8 3"-8	D13.6*38.1*D16*100-FT	13.60	38.1	100	16	66.5	4-6

订货示例:通用型加工:1/8"-27 D7.3*9.4*D8*60-FT 有色金属加工:1/8"-27 D7.3*9.4*D8*60-FT-AL

Ordering Example:Universal processing:1/8"-27 D7.3*9.4*D8*60-FT Nonferrous metal processing:1/8"-27 D7.3*9.4*D8*60-FT-AL

<http://www.sandhogtools.com/E025/>

>>> 英制BSPT(G)通用螺纹铣刀 British system BSPT(G)Universal thread end mill



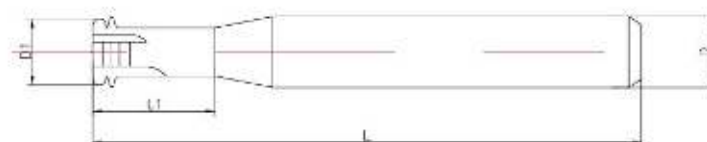
牙数 Tpi	螺纹规格 Thread specifications	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
			D	ap	L	dh6		
28	G1/16"-28	D6.0*16*D6*50-FT	6.00	16.0	50	6	6.7	3-4
	G1/8"-28	D8.0*20*D8*60-FT	8.00	20.0	60	8	8.7	3-4
19	G1/4"-19	D10.0*26.7*D10*75-FT	10.00	26.7	75	10	11.8	4-6
	G3/8"-19	D14.0*33.4*D14*80-FT	14.00	33.4	80	14	15.2	4-6
14	G1/2"-14 G3/4"-14	D16.0*43.5*D16*100-FT	16.00	43.5	100	16	19.0	4-6
11	G1"-2 G1 1/2"-11	D16.0*41.6*D16*100-FT	16.00	41.6	100	16	30.7	4-6

订货示例:通用型加工:G1/8"-28D8.0*20*D8*60-FT 有色金属加工:G1/8"-28D8.0*20*D8*60-FT-AL

Ordering Example:Universal processing:G1/8"-28 D8.0*20*D8*60-FT Nonferrous metal processing:G1/8"-28 D8.0*20*D8*60-FT-AL

螺纹铣刀系列 Thread end mill

ISO M/MF淬硬钢专用螺纹铣刀2xDo
ISO M/MF Special for hardened steel thread end mill



螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D1	L1	L	D		
0.25	M1.2x0.25		D0.9*2.6*D4*50-2T-GY	0.90	2.6	50	4	0.95	3
0.3	M1.4x0.3		D1.05*3.0*D4*50-2T-GY	1.05	3.0	50	4	1.1	3
0.35	M1.6x0.35		D1.15*3.4*D4*50-2T-GY	1.15	3.4	50	4	1.25	3
0.4	M2.0x0.4		D1.45*4.5*D4*50-2T-GY	1.45	4.5	50	4	1.6	3-4
0.45	M2.5x0.45		D1.9*5.5*D4*50-2T-GY	1.90	5.5	50	4	2.05	3-4
0.5	M3.0x0.5		D2.35*6.5*D4*50-2T-GY	2.35	6.5	50	4	2.5	3-4
		M5.0x0.5	D4.2*10.5*D6*50-2T-GY	4.20	10.5	50	6	4.5	3-4
0.7	M4.0x0.7		D3.15*8.5*D4*50-2T-GY	3.15	8.5	50	4	3.3	3-4
0.75		M6.0x0.75	D5.0*12.5*D6*50-2T-GY	5.00	12.5	50	4	5.25	3-4
		M8.0x0.75	D6.5*16.5*D8*60-2T-GY	6.50	16.5	60	8	7.25	4-6
0.8	M5.0x0.8		D4.0*10.5*D6*50-2T-GY	4.00	10.5	50	6	4.2	3-4
1.0	M6.0x1.0		D4.8*12.5*D6*50-2T-GY	4.80	12.5	50	6	5.0	3-4
		M8.0x1.0	D6.5*16.5*D8*60-2T-GY	6.50	16.5	60	8	7.0	4-6
		M10x1.0	D8.5*21.0*D10*75-2T-GY	8.5	21.0	75	10	9.0	4-6
		M12x1.0	D10*25.0*D10*75-2T-GY	10.00	25.0	75	10	11.0	4-6
1.25	M8.0x1.25		D6.5*16.5*D8*60-2T-GY	6.50	16.5	60	8	6.75	4-6
		M10x1.25	D8.2*21.0*D10*75-2T-GY	8.20	21.0	75	10	8.75	4-6
		M12x1.25	D10*25.0*D10*75-2T-GY	10.00	25.0	75	10	10.75	4-6
1.5	M10x1.5		D8.2*21.0*D10*75-2T-GY	8.20	21.0	75	10	8.5	4-6
		M12x1.5	D10*25.0*D10*75-2T-GY	10.0	25.0	75	10	10.5	4-6
		M14x1.5	D12*29.0*D12*75-2T-GY	12.00	29.0	75	12	12.5	4-6
		M16x1.5	D14*33.0*D14*80-2T-GY	14.00	33.0	80	14	14.5	4-6
1.75	M12x1.75		D9.9*25.0*D10*75-2T-GY	9.90	25.0	75	10	10.2	4-6
2.0	M14x2.0		D11.6*29.0*D12*75-2T-GY	11.60	29.0	75	12	12.0	4-6
	M16x2.0		D13.6*33.0*D14*80-2T-GY	13.60	33.0	80	14	14.0	4-6
2.5	M18x2.5		D14.0*37.0*D14*80-2T-GY	14.00	37.0	80	14	15.5	4-6
	M20x2.5		D16.0*41.0*D16*100-2T-GY	16.00	41.0	100	16	17.5	4-6

订货示例:M3x0.5 D2.35*6.5*D4*50-2T-GY Ordering Example:M3x0.5 D2.35*6.5*D4*50-2T-GY

ISO M/MF淬硬钢专用螺纹铣刀3xDo
ISO M/MF Special for hardened steel thread end mill



螺距 Pitch	M 粗牙 Coarse teeth	MF 细牙 Fine teeth	型号 Designation	尺寸 Size				螺纹底孔 Thread hole	齿数 Teeth
				D1	L1	L	D		
0.25	M1.2x0.25		D0.9*3.6*D4*50-2T-GY	0.90	3.6	50	4	0.95	3
0.3	M1.4x0.3		D1.05*4.2*D4*50-2T-GY	1.05	4.2	50	4	1.1	3
0.35	M1.6x0.35		D1.15*4.8*D4*50-2T-GY	1.15	4.8	50	4	1.25	3
0.4	M2.0x0.4		D1.45*6.0*D4*50-2T-GY	1.45	6.0	50	4	1.6	3-4
0.45	M2.5x0.45		D1.9*7.5*D4*50-2T-GY	1.90	7.5	50	4	2.05	3-4
0.5	M3.0x0.5		D2.35*9.0*D4*50-2T-GY	2.35	9.0	50	4	2.5	3-4
		M5.0x0.5	D4.2*15.0*D6*50-2T-GY	4.20	15.0	50	6	4.5	3-4
0.7	M4.0x0.7		D3.15*12.0*D4*50-2T-GY	3.15	12.0	50	4	3.3	3-4
0.75		M6.0x0.75	D5.0*18.0*D6*50-2T-GY	5.00	18.0	50	4	5.25	3-4
		M8.0x0.75	D6.5*24.0*D8*60-2T-GY	6.50	24.0	60	8	7.25	4-6
0.8	M5.0x0.8		D4.0*15.0*D6*50-2T-GY	4.00	15.0	50	6	4.2	3-4
1.0	M6.0x1.0		D4.8*18.0*D6*50-2T-GY	4.80	18.0	50	6	5.0	3-4
		M8.0x1.0	D6.5*24.0*D8*60-2T-GY	6.50	24.0	60	8	7.0	4-6
		M10x1.0	D8.5*30.0*D10*75-2T-GY	8.50	30.0	75	10	9.0	4-6
		M12x1.0	D10*36.0*D10*75-2T-GY	10.00	36.0	75	10	11.0	4-6
1.25	M8.0x1.25		D6.5*24.0*D8*60-2T-GY	6.50	24.0	60	8	6.75	4-6
		M10x1.25	D8.2*30.0*D10*75-2T-GY	8.20	30.0	75	10	8.75	4-6
		M12x1.25	D10*36.0*D10*75-2T-GY	10.00	36.0	75	10	10.75	4-6
1.5	M10x1.5		D8.2*30.0*D10*75-2T-GY	8.20	30.0	75	10	8.5	4-6
		M12x1.5	D10*36.0*D10*75-2T-GY	10.00	36.0	75	10	10.5	4-6
		M14x1.5	D12*36.0*D12*75-2T-GY	12.00	36.0	75	12	12.5	4-6
		M16x1.5	D14*40.0*D14*80-2T-GY	14.00	40.0	80	14	14.5	4-6
1.75	M12x1.75		D9.9*36.0*D10*75-2T-GY	9.90	36.0	75	10	10.2	4-6
2.0	M14x2.0		D11.6*36.0*D12*75-2T-GY	11.60	36.0	75	12	12.0	4-6
	M16x2.0		D13.6*40.0*D14*80-2T-GY	13.60	40.0	80	14	14.0	4-6
2.5	M18x2.5		D14.0*54.0*D14*100-2T-GY	14.00	54.0	100	14	15.5	4-6
	M20x2.5		D16.0*60.0*D16*100-2T-GY	16.00	60.0	100	16	17.5	4-6

订货示例:M3x0.5 D2.35*9.0*D4*50-2T-GY Ordering Example:M3x0.5 D2.35*9.0*D4*50-2T-GY

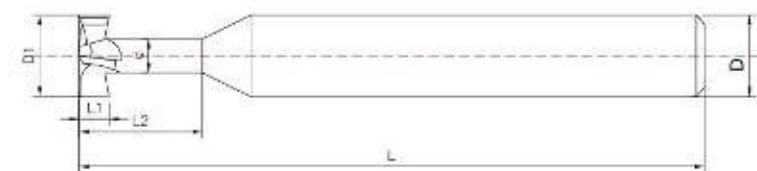
» T型立铣刀系列 D2.0 T-shaped end mill series D2.0



型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD2.0-0.2	D2.0*0.2*d1.0*3*D4*50	2.0	1.0	4.0	0.2	3.0	50	3
TD2.0-0.3	D2.0*0.3*d1.0*3*D4*50	2.0	1.0	4.0	0.3	3.0	50	3
TD2.0-0.4	D2.0*0.4*d1.0*3*D4*50	2.0	1.0	4.0	0.4	3.0	50	3
TD2.0-0.5	D2.0*0.5*d1.0*3*D4*50	2.0	1.0	4.0	0.5	3.0	50	3
TD2.0-0.6	D2.0*0.6*d1.0*3*D4*50	2.0	1.0	4.0	0.6	3.0	50	3
TD2.0-0.7	D2.0*0.7*d1.0*3*D4*50	2.0	1.0	4.0	0.7	3.0	50	3
TD2.0-0.8	D2.0*0.8*d1.0*3*D4*50	2.0	1.0	4.0	0.8	3.0	50	3
TD2.0-0.9	D2.0*0.9*d1.0*3*D4*50	2.0	1.0	4.0	0.9	3.0	50	3
TD2.0-1.0	D2.0*1.0*d1.0*3*D4*50	2.0	1.0	4.0	1.0	3.0	50	3
TD2.0-1.1	D2.0*1.1*d1.0*3*D4*50	2.0	1.0	4.0	1.1	3.0	50	3
TD2.0-1.2	D2.0*1.2*d1.0*3*D4*50	2.0	1.0	4.0	1.2	3.0	50	3
TD2.0-1.3	D2.0*1.3*d1.0*3*D4*50	2.0	1.0	4.0	1.3	3.0	50	3
TD2.0-1.4	D2.0*1.4*d1.0*3*D4*50	2.0	1.0	4.0	1.4	3.0	50	3
TD2.0-1.5	D2.0*1.5*d1.0*3*D4*50	2.0	1.0	4.0	1.5	3.0	50	3
TD2.0-1.6	D2.0*1.6*d1.0*3*D4*50	2.0	1.0	4.0	1.6	3.0	50	3
TD2.0-1.7	D2.0*1.7*d1.0*3*D4*50	2.0	1.0	4.0	1.7	3.0	50	3
TD2.0-1.8	D2.0*1.8*d1.0*3*D4*50	2.0	1.0	4.0	1.8	3.0	50	3
TD2.0-1.9	D2.0*1.9*d1.0*3*D4*50	2.0	1.0	4.0	1.9	3.0	50	3
TD2.0-2.0	D2.0*2.0*d1.0*3*D4*50	2.0	1.0	4.0	2.0	3.0	50	3

订货示例: 钢件加工: TD2.0-0.5 4F D2.0*0.5*d1.0*3*D4*50*4F 有色金属加工: TD2.0-0.5 AL D2.0*0.5*d1.0*3*D4*50*3F*AL
 Ordering Example: For steel processing: TD2.0-0.5 4F D2.0*0.5*d1.0*3*D4*50*4F For nonferrous metal processing: TD2.0-0.5 AL D2.0*0.5*d1.0*3*D4*50*3F*AL

» T型立铣刀系列 D2.5 T-shaped end mill series D2.5



型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD2.5-0.2	D2.5*0.2*d1.25*3*D4*50	2.5	1.25	4.0	0.2	3.0	50	3
TD2.5-0.3	D2.5*0.3*d1.25*3*D4*50	2.5	1.25	4.0	0.3	3.0	50	3
TD2.5-0.4	D2.5*0.4*d1.25*3*D4*50	2.5	1.25	4.0	0.4	3.0	50	3
TD2.5-0.5	D2.5*0.5*d1.25*3*D4*50	2.5	1.25	4.0	0.5	3.0	50	3
TD2.5-0.6	D2.5*0.6*d1.25*3*D4*50	2.5	1.25	4.0	0.6	3.0	50	3
TD2.5-0.7	D2.5*0.7*d1.25*3*D4*50	2.5	1.25	4.0	0.7	3.0	50	3
TD2.5-0.8	D2.5*0.8*d1.25*3*D4*50	2.5	1.25	4.0	0.8	3.0	50	3
TD2.5-0.9	D2.5*0.9*d1.25*3*D4*50	2.5	1.25	4.0	0.9	3.0	50	3
TD2.5-1.0	D2.5*1.0*d1.25*3*D4*50	2.5	1.25	4.0	1.0	3.0	50	3
TD2.5-1.1	D2.5*1.1*d1.25*3*D4*50	2.5	1.25	4.0	1.1	3.0	50	3
TD2.5-1.2	D2.5*1.2*d1.25*3*D4*50	2.5	1.25	4.0	1.2	3.0	50	3
TD2.5-1.3	D2.5*1.3*d1.25*3*D4*50	2.5	1.25	4.0	1.3	3.0	50	3
TD2.5-1.4	D2.5*1.4*d1.25*3*D4*50	2.5	1.25	4.0	1.4	3.0	50	3
TD2.5-1.5	D2.5*1.5*d1.25*3*D4*50	2.5	1.25	4.0	1.5	3.0	50	3
TD2.5-1.6	D2.5*1.6*d1.25*3*D4*50	2.5	1.25	4.0	1.6	3.0	50	3
TD2.5-1.7	D2.5*1.7*d1.25*3*D4*50	2.5	1.25	4.0	1.7	3.0	50	3
TD2.5-1.8	D2.5*1.8*d1.25*3*D4*50	2.5	1.25	4.0	1.8	3.0	50	3
TD2.5-1.9	D2.5*1.9*d1.25*3*D4*50	2.5	1.25	4.0	1.9	3.0	50	3
TD2.5-2.0	D2.5*2.0*d1.25*3*D4*50	2.5	1.25	4.0	2.0	3.0	50	3
TD2.5-2.5	D2.5*2.5*d1.25*3*D4*50	2.5	1.25	4.0	2.5	3.0	50	3

订货示例: 钢件加工: TD2.5-0.6 4F D2.5*0.6*d1.25*3*D4*50*4F 有色金属加工: TD2.5-0.6 AL D2.5*0.6*d1.25*3*D4*50*3F*AL
 Ordering Example: For steel processing: TD2.5-0.6 4F D2.5*0.6*d1.25*3*D4*50*4F For nonferrous metal processing: TD2.5-0.6 AL D2.5*0.6*d1.25*3*D4*50*3F*AL

» T型立铣刀系列 D3.0 T-shaped end mill series D3.0



型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD3.0-0.2	D3.0*0.2*d1.5*4*D4*50	3.0	1.5	4.0	0.2	4.0	50	4/3
TD3.0-0.3	D3.0*0.3*d1.5*4*D4*50	3.0	1.5	4.0	0.3	4.0	50	4/3
TD3.0-0.4	D3.0*0.4*d1.5*4*D4*50	3.0	1.5	4.0	0.4	4.0	50	4/3
TD3.0-0.5	D3.0*0.5*d1.5*4*D4*50	3.0	1.5	4.0	0.5	4.0	50	4/3
TD3.0-0.6	D3.0*0.6*d1.5*4*D4*50	3.0	1.5	4.0	0.6	4.0	50	4/3
TD3.0-0.7	D3.0*0.7*d1.5*4*D4*50	3.0	1.5	4.0	0.7	4.0	50	4/3
TD3.0-0.8	D3.0*0.8*d1.5*4*D4*50	3.0	1.5	4.0	0.8	4.0	50	4/3
TD3.0-0.9	D3.0*0.9*d1.5*4*D4*50	3.0	1.5	4.0	0.9	4.0	50	4/3
TD3.0-1.0	D3.0*1.0*d1.5*4*D4*50	3.0	1.5	4.0	1.0	4.0	50	4/3
TD3.0-1.1	D3.0*1.1*d1.5*4*D4*50	3.0	1.5	4.0	1.1	4.0	50	4/3
TD3.0-1.2	D3.0*1.2*d1.5*4*D4*50	3.0	1.5	4.0	1.2	4.0	50	4/3
TD3.0-1.3	D3.0*1.3*d1.5*4*D4*50	3.0	1.5	4.0	1.3	4.0	50	4/3
TD3.0-1.4	D3.0*1.4*d1.5*4*D4*50	3.0	1.5	4.0	1.4	4.0	50	4/3
TD3.0-1.5	D3.0*1.5*d1.5*4*D4*50	3.0	1.5	4.0	1.5	4.0	50	4/3
TD3.0-1.6	D3.0*1.6*d1.5*4*D4*50	3.0	1.5	4.0	1.6	4.0	50	4/3
TD3.0-1.7	D3.0*1.7*d1.5*4*D4*50	3.0	1.5	4.0	1.7	4.0	50	4/3
TD3.0-1.8	D3.0*1.8*d1.5*4*D4*50	3.0	1.5	4.0	1.8	4.0	50	4/3
TD3.0-1.9	D3.0*1.9*d1.5*4*D4*50	3.0	1.5	4.0	1.9	4.0	50	4/3
TD3.0-2.0	D3.0*2.0*d1.5*4*D4*50	3.0	1.5	4.0	2.0	4.0	50	4/3
TD3.0-2.5	D3.0*2.5*d1.5*4*D4*50	3.0	1.5	4.0	2.5	4.0	50	4/3
TD3.0-3.0	D3.0*3.0*d1.5*4*D4*50	3.0	1.5	4.0	3.0	4.0	50	4/3

订货示例: 钢件加工: TD3.0-0.5 4F D3.0*0.5*d1.5*4*D4*50*4F 有色金属加工: TD3.0-0.5 AL D3.0*0.5*d1.5*4*D4*50*3F*AL

Ordering Example: For steel processing: TD3.0-0.5 4F D3.0*0.5*d1.5*4*D4*50*4F For nonferrous metal processing: TD3.0-0.5 AL D3.0*0.5*d1.5*4*D4*50*3F*AL

» T型立铣刀系列 D4.0 T-shaped end mill series D4.0



型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD4.0-0.2	D4.0*0.2*d2.0*6*D4*50	4.0	2.0	4.0	0.2	4.0	50	4/3
TD4.0-0.3	D4.0*0.3*d2.0*6*D4*50	4.0	2.0	4.0	0.3	4.0	50	4/3
TD4.0-0.4	D4.0*0.4*d2.0*6*D4*50	4.0	2.0	4.0	0.4	4.0	50	4/3
TD4.0-0.5	D4.0*0.5*d2.0*6*D4*50	4.0	2.0	4.0	0.5	4.0	50	4/3
TD4.0-0.6	D4.0*0.6*d2.0*6*D4*50	4.0	2.0	4.0	0.6	4.0	50	4/3
TD4.0-0.7	D4.0*0.7*d2.0*6*D4*50	4.0	2.0	4.0	0.7	4.0	50	4/3
TD4.0-0.8	D4.0*0.8*d2.0*6*D4*50	4.0	2.0	4.0	0.8	4.0	50	4/3
TD4.0-0.9	D4.0*0.9*d2.0*6*D4*50	4.0	2.0	4.0	0.9	4.0	50	4/3
TD4.0-1.0	D4.0*1.0*d2.0*6*D4*50	4.0	2.0	4.0	1.0	4.0	50	4/3
TD4.0-1.1	D4.0*1.1*d2.0*6*D4*50	4.0	2.0	4.0	1.1	4.0	50	4/3
TD4.0-1.2	D4.0*1.2*d2.0*6*D4*50	4.0	2.0	4.0	1.2	4.0	50	4/3
TD4.0-1.3	D4.0*1.3*d2.0*6*D4*50	4.0	2.0	4.0	1.3	4.0	50	4/3
TD4.0-1.4	D4.0*1.4*d2.0*6*D4*50	4.0	2.0	4.0	1.4	4.0	50	4/3
TD4.0-1.5	D4.0*1.5*d2.0*6*D4*50	4.0	2.0	4.0	1.5	4.0	50	4/3
TD4.0-1.6	D4.0*1.6*d2.0*6*D4*50	4.0	2.0	4.0	1.6	4.0	50	4/3
TD4.0-1.7	D4.0*1.7*d2.0*6*D4*50	4.0	2.0	4.0	1.7	4.0	50	4/3
TD4.0-1.8	D4.0*1.8*d2.0*6*D4*50	4.0	2.0	4.0	1.8	4.0	50	4/3
TD4.0-1.9	D4.0*1.9*d2.0*6*D4*50	4.0	2.0	4.0	1.9	4.0	50	4/3
TD4.0-2.0	D4.0*2.0*d2.0*6*D4*50	4.0	2.0	4.0	2.0	4.0	50	4/3
TD4.0-2.5	D4.0*2.5*d2.0*6*D4*50	4.0	2.0	4.0	2.5	4.0	50	4/3
TD4.0-3.0	D4.0*3.0*d2.0*6*D4*50	4.0	2.0	4.0	3.0	4.0	50	4/3
TD4.0-3.5	D4.0*3.5*d2.0*6*D4*50	4.0	2.0	4.0	3.5	4.0	50	4/3
TD4.0-4.0	D4.0*4.0*d2.0*6*D4*50	4.0	2.0	4.0	4.0	4.0	50	4/3

订货示例: 钢件加工: TD4.0-0.6 4F D4.0*0.6*d2.0*6*D4*50*4F 有色金属加工: TD4.0-0.6 AL D4.0*0.6*d2.0*6*D4*50*3F*AL

Ordering Example: For steel processing: TD4.0-0.6 4F D4.0*0.6*d2.0*6*D4*50*4F For nonferrous metal processing: TD4.0-0.6 AL D4.0*0.6*d2.0*6*D4*50*3F*AL

» T型立铣刀系列 D5.0 T-shaped end mill series D5.0



型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD5.0-0.3	D5.0*0.3*d2.5*10*D6*50	5.0	2.5	6.0	0.3	10.0	50	4/3
TD5.0-0.4	D5.0*0.4*d2.5*10*D6*50	5.0	2.5	6.0	0.4	10.0	50	4/3
TD5.0-0.5	D5.0*0.5*d2.5*10*D6*50	5.0	2.5	6.0	0.5	10.0	50	4/3
TD5.0-0.6	D5.0*0.6*d2.5*10*D6*50	5.0	2.5	6.0	0.6	10.0	50	4/3
TD5.0-0.7	D5.0*0.7*d2.5*10*D6*50	5.0	2.5	6.0	0.7	10.0	50	4/3
TD5.0-0.8	D5.0*0.8*d2.5*10*D6*50	5.0	2.5	6.0	0.8	10.0	50	4/3
TD5.0-0.9	D5.0*0.9*d2.5*10*D6*50	5.0	2.5	6.0	0.9	10.0	50	4/3
TD5.0-1.0	D5.0*1.0*d2.5*10*D6*50	5.0	2.5	6.0	1.0	10.0	50	4/3
TD5.0-1.1	D5.0*1.1*d2.5*10*D6*50	5.0	2.5	6.0	1.1	10.0	50	4/3
TD5.0-1.2	D5.0*1.2*d2.5*10*D6*50	5.0	2.5	6.0	1.2	10.0	50	4/3
TD5.0-1.3	D5.0*1.3*d2.5*10*D6*50	5.0	2.5	6.0	1.3	10.0	50	4/3
TD5.0-1.4	D5.0*1.4*d2.5*10*D6*50	5.0	2.5	6.0	1.4	10.0	50	4/3
TD5.0-1.5	D5.0*1.5*d2.5*10*D6*50	5.0	2.5	6.0	1.5	10.0	50	4/3
TD5.0-1.6	D5.0*1.6*d2.5*10*D6*50	5.0	2.5	6.0	1.6	10.0	50	4/3
TD5.0-1.7	D5.0*1.7*d2.5*10*D6*50	5.0	2.5	6.0	1.7	10.0	50	4/3
TD5.0-1.8	D5.0*1.8*d2.5*10*D6*50	5.0	2.5	6.0	1.8	10.0	50	4/3
TD5.0-1.9	D5.0*1.9*d2.5*10*D6*50	5.0	2.5	6.0	1.9	10.0	50	4/3
TD5.0-2.0	D5.0*2.0*d2.5*10*D6*50	5.0	2.5	6.0	2.0	10.0	50	4/3
TD5.0-2.5	D5.0*2.5*d2.5*10*D6*50	5.0	2.5	6.0	2.5	10.0	50	4/3
TD5.0-3.0	D5.0*3.0*d2.5*10*D6*50	5.0	2.5	6.0	3.0	10.0	50	4/3
TD5.0-3.5	D5.0*3.5*d2.5*10*D6*50	5.0	2.5	6.0	3.5	10.0	50	4/3
TD5.0-4.0	D5.0*4.0*d2.5*10*D6*50	5.0	2.5	6.0	4.0	10.0	50	4/3
TD5.0-4.5	D5.0*4.5*d2.5*10*D6*50	5.0	2.5	6.0	4.5	10.0	50	4/3
TD5.0-5.0	D5.0*5.0*d2.5*10*D6*50	5.0	2.5	6.0	5.0	10.0	50	4/3

订货示例: 钢件加工: TD5.0-0.6 4F D5.0*0.6*d2.5*10*D6*50*4F 有色金属加工: TD5.0-0.6 AL D5.0*0.6*d2.5*10*D6*50*3F*AL

Ordering example: For steel processing: TD5.0-0.6 4F D5.0*0.6*d2.5*10*D6*50*4F For nonferrous metal processing: TD5.0-0.6 AL D5.0*0.6*d2.5*10*D6*50*3F*AL

» T型立铣刀系列 D6.0 T-shaped end mill series D6.0



型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD6.0-0.3	D6.0*0.3*d3.0*10*D6*50	6.0	3.0	6.0	0.3	10.0	50	4/3
TD6.0-0.4	D6.0*0.4*d3.0*10*D6*50	6.0	3.0	6.0	0.4	10.0	50	4/3
TD6.0-0.5	D6.0*0.5*d3.0*10*D6*50	6.0	3.0	6.0	0.5	10.0	50	4/3
TD6.0-0.6	D6.0*0.6*d3.0*10*D6*50	6.0	3.0	6.0	0.6	10.0	50	4/3
TD6.0-0.7	D6.0*0.7*d3.0*10*D6*50	6.0	3.0	6.0	0.7	10.0	50	4/3
TD6.0-0.8	D6.0*0.8*d3.0*10*D6*50	6.0	3.0	6.0	0.8	10.0	50	4/3
TD6.0-0.9	D6.0*0.9*d3.0*10*D6*50	6.0	3.0	6.0	0.9	10.0	50	4/3
TD6.0-1.0	D6.0*1.0*d3.0*10*D6*50	6.0	3.0	6.0	1.0	10.0	50	4/3
TD6.0-1.1	D6.0*1.1*d3.0*10*D6*50	6.0	3.0	6.0	1.1	10.0	50	4/3
TD6.0-1.2	D6.0*1.2*d3.0*10*D6*50	6.0	3.0	6.0	1.2	10.0	50	4/3
TD6.0-1.3	D6.0*1.3*d3.0*10*D6*50	6.0	3.0	6.0	1.3	10.0	50	4/3
TD6.0-1.4	D6.0*1.4*d3.0*10*D6*50	6.0	3.0	6.0	1.4	10.0	50	4/3
TD6.0-1.5	D6.0*1.5*d3.0*10*D6*50	6.0	3.0	6.0	1.5	10.0	50	4/3
TD6.0-1.6	D6.0*1.6*d3.0*10*D6*50	6.0	3.0	6.0	1.6	10.0	50	4/3
TD6.0-1.7	D6.0*1.7*d3.0*10*D6*50	6.0	3.0	6.0	1.7	10.0	50	4/3
TD6.0-1.8	D6.0*1.8*d3.0*10*D6*50	6.0	3.0	6.0	1.8	10.0	50	4/3
TD6.0-1.9	D6.0*1.9*d3.0*10*D6*50	6.0	3.0	6.0	1.9	10.0	50	4/3
TD6.0-2.0	D6.0*2.0*d3.0*10*D6*50	6.0	3.0	6.0	2.0	10.0	50	4/3
TD6.0-2.5	D6.0*2.5*d3.0*10*D6*50	6.0	3.0	6.0	2.5	10.0	50	4/3
TD6.0-3.0	D6.0*3.0*d3.0*10*D6*50	6.0	3.0	6.0	3.0	10.0	50	4/3
TD6.0-3.5	D6.0*3.5*d3.0*10*D6*50	6.0	3.0	6.0	3.5	10.0	50	4/3
TD6.0-4.0	D6.0*4.0*d3.0*10*D6*50	6.0	3.0	6.0	4.0	10.0	50	4/3
TD6.0-4.5	D6.0*4.5*d3.0*10*D6*50	6.0	3.0	6.0	4.5	10.0	50	4/3
TD6.0-5.0	D6.0*5.0*d3.0*10*D6*50	6.0	3.0	6.0	5.0	10.0	50	4/3

订货示例: 钢件加工: TD6.0-0.6 4F D6.0*0.6*d3.0*10*D6*50*4F 有色金属加工: TD6.0-0.6 AL D6.0*0.6*d3.0*10*D6*50*3F*AL

Ordering Example: For steel processing: TD6.0-0.6 4F D6.0*0.6*d3.0*10*D6*50*4F For nonferrous metal processing: TD6.0-0.6 AL D6.0*0.6*d3.0*10*D6*50*3F*AL

» T型立铣刀系列 D8.0 T-shaped end mill series D8.0

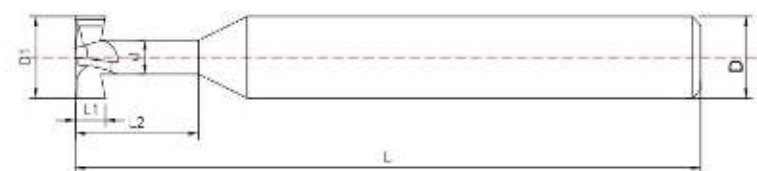


型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD8.0-0.3	D8.0*0.3*d4.0*12*D8*50	8.0	4.0	8.0	0.3	12.0	50	4
TD8.0-0.4	D8.0*0.4*d4.0*12*D8*50	8.0	4.0	8.0	0.4	12.0	50	4
TD8.0-0.5	D8.0*0.5*d4.0*12*D8*50	8.0	4.0	8.0	0.5	12.0	50	4
TD8.0-0.6	D8.0*0.6*d4.0*12*D8*50	8.0	4.0	8.0	0.6	12.0	50	4
TD8.0-0.7	D8.0*0.7*d4.0*12*D8*50	8.0	4.0	8.0	0.7	12.0	50	4
TD8.0-0.8	D8.0*0.8*d4.0*12*D8*50	8.0	4.0	8.0	0.8	12.0	50	4
TD8.0-0.9	D8.0*0.9*d4.0*12*D8*50	8.0	4.0	8.0	0.9	12.0	50	4
TD8.0-1.0	D8.0*1.0*d4.0*12*D8*50	8.0	4.0	8.0	1.0	12.0	50	4
TD8.0-1.1	D8.0*1.1*d4.0*12*D8*50	8.0	4.0	8.0	1.1	12.0	50	4
TD8.0-1.2	D8.0*1.2*d4.0*12*D8*50	8.0	4.0	8.0	1.2	12.0	50	4
TD8.0-1.3	D8.0*1.3*d4.0*12*D8*50	8.0	4.0	8.0	1.3	12.0	50	4
TD8.0-1.4	D8.0*1.4*d4.0*12*D8*50	8.0	4.0	8.0	1.4	12.0	50	4
TD8.0-1.5	D8.0*1.5*d4.0*12*D8*50	8.0	4.0	8.0	1.5	12.0	50	4
TD8.0-1.6	D8.0*1.6*d4.0*12*D8*50	8.0	4.0	8.0	1.6	12.0	50	4
TD8.0-1.7	D8.0*1.7*d4.0*12*D8*50	8.0	4.0	8.0	1.7	12.0	50	4
TD8.0-1.8	D8.0*1.8*d4.0*12*D8*50	8.0	4.0	8.0	1.8	12.0	50	4
TD8.0-1.9	D8.0*1.9*d4.0*12*D8*50	8.0	4.0	8.0	1.9	12.0	50	4
TD8.0-2.0	D8.0*2.0*d4.0*12*D8*50	8.0	4.0	8.0	2.0	12.0	50	4
TD8.0-2.5	D8.0*2.5*d4.0*12*D8*50	8.0	4.0	8.0	2.5	12.0	50	4
TD8.0-3.0	D8.0*3.0*d4.0*12*D8*50	8.0	4.0	8.0	3.0	12.0	50	4
TD8.0-3.5	D8.0*3.5*d4.0*12*D8*50	8.0	4.0	8.0	3.5	12.0	50	4
TD8.0-4.0	D8.0*4.0*d4.0*12*D8*50	8.0	4.0	8.0	4.0	12.0	50	4
TD8.0-4.5	D8.0*4.5*d4.0*12*D8*50	8.0	4.0	8.0	4.5	12.0	50	4
TD8.0-5.0	D8.0*5.0*d4.0*12*D8*50	8.0	4.0	8.0	5.0	12.0	50	4
TD8.0-5.5	D8.0*5.5*d4.0*12*D8*50	8.0	4.0	8.0	5.5	12.0	50	4
TD8.0-6.0	D8.0*6.0*d4.0*12*D8*50	8.0	4.0	8.0	6.0	12.0	50	4
TD8.0-8.0	D8.0*8.0*d4.0*12*D8*50	8.0	4.0	8.0	8.0	12.0	50	4

订货示例: 钢件加工: TD8.0-0.6 4F D8.0*0.6*d4.0*12*D8*50*4F 有色金属加工: TD8.0-0.6 AL D8.0*0.6*d4.0*12*D8*50*3F*AL

Ordering Example: For steel processing: TD8.0-0.6 4F D8.0*0.6*d4.0*12*D8*50*4F For nonferrous metal processing: TD8.0-0.6 AL D8.0*0.6*d4.0*12*D8*50*3F*AL

» T型立铣刀系列 D10.0 T-shaped end mill series D10.0

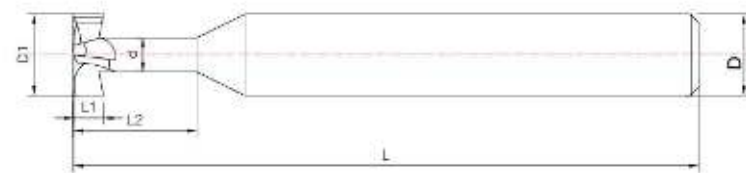


型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD10.0-0.3	D10.0*0.3*d5.0*15*D10*60	10.0	5.0	10.0	0.3	15.0	60	4
TD10.0-0.4	D10.0*0.4*d5.0*15*D10*60	10.0	5.0	10.0	0.4	15.0	60	4
TD10.0-0.5	D10.0*0.5*d5.0*15*D10*60	10.0	5.0	10.0	0.5	15.0	60	4
TD10.0-0.6	D10.0*0.6*d5.0*15*D10*60	10.0	5.0	10.0	0.6	15.0	60	4
TD10.0-0.7	D10.0*0.7*d5.0*15*D10*60	10.0	5.0	10.0	0.7	15.0	60	4
TD10.0-0.8	D10.0*0.8*d5.0*15*D10*60	10.0	5.0	10.0	0.8	15.0	60	4
TD10.0-0.9	D10.0*0.9*d5.0*15*D10*60	10.0	5.0	10.0	0.9	15.0	60	4
TD10.0-1.0	D10.0*1.0*d5.0*15*D10*60	10.0	5.0	10.0	1.0	15.0	60	4
TD10.0-1.1	D10.0*1.1*d5.0*15*D10*60	10.0	5.0	10.0	1.1	15.0	60	4
TD10.0-1.2	D10.0*1.2*d5.0*15*D10*60	10.0	5.0	10.0	1.2	15.0	60	4
TD10.0-1.3	D10.0*1.3*d5.0*15*D10*60	10.0	5.0	10.0	1.3	15.0	60	4
TD10.0-1.4	D10.0*1.4*d5.0*15*D10*60	10.0	5.0	10.0	1.4	15.0	60	4
TD10.0-1.5	D10.0*1.5*d5.0*15*D10*60	10.0	5.0	10.0	1.5	15.0	60	4
TD10.0-1.6	D10.0*1.6*d5.0*15*D10*60	10.0	5.0	10.0	1.6	15.0	60	4
TD10.0-1.7	D10.0*1.7*d5.0*15*D10*60	10.0	5.0	10.0	1.7	15.0	60	4
TD10.0-1.8	D10.0*1.8*d5.0*15*D10*60	10.0	5.0	10.0	1.8	15.0	60	4
TD10.0-1.9	D10.0*1.9*d5.0*15*D10*60	10.0	5.0	10.0	1.9	15.0	60	4
TD10.0-2.0	D10.0*2.0*d5.0*15*D10*60	10.0	5.0	10.0	2.0	15.0	60	4
TD10.0-2.5	D10.0*2.5*d5.0*15*D10*60	10.0	5.0	10.0	2.5	15.0	60	4
TD10.0-3.0	D10.0*3.0*d5.0*15*D10*60	10.0	5.0	10.0	3.0	15.0	60	4
TD10.0-3.5	D10.0*3.5*d5.0*15*D10*60	10.0	5.0	10.0	3.5	15.0	60	4
TD10.0-4.0	D10.0*4.0*d5.0*15*D10*60	10.0	5.0	10.0	4.0	15.0	60	4
TD10.0-4.5	D10.0*4.5*d5.0*15*D10*60	10.0	5.0	10.0	4.5	15.0	60	4
TD10.0-5.0	D10.0*5.0*d5.0*15*D10*60	10.0	5.0	10.0	5.0	15.0	60	4
TD10.0-5.5	D10.0*5.5*d5.0*15*D10*60	10.0	5.0	10.0	5.5	15.0	60	4
TD10.0-6.0	D10.0*6.0*d5.0*15*D10*60	10.0	5.0	10.0	6.0	15.0	60	4
TD10.0-8.0	D10.0*8.0*d5.0*15*D10*60	10.0	5.0	10.0	8.0	15.0	60	4

订货示例: 钢件加工: TD10.0-0.6 4F D10.0*0.6*d5.0*15*D10*60*4F 有色金属加工: TD10.0-0.6 AL D10.0*0.6*d5.0*15*D10*60*3F*AL

Ordering Example: For steel processing: TD10.0-0.6 4F D10.0*0.6*d5.0*15*D10*60*4F For nonferrous metal processing: TD10.0-0.6 AL D10.0*0.6*d5.0*15*D10*60*3F*AL

» T型立铣刀系列 D12.0 T-shaped end mill series D12.0



型号 Designation		尺寸 Size						齿数 Teeth
		D1	F	D	L1	L2	L	
TD12.0-0.3	D12.0*0.3*d6.0*15*D12*60	12.0	6.0	12.0	0.3	15.0	60	4
TD12.0-0.4	D12.0*0.4*d6.0*15*D12*60	12.0	6.0	12.0	0.4	15.0	60	4
TD12.0-0.5	D12.0*0.5*d6.0*15*D12*60	12.0	6.0	12.0	0.5	15.0	60	4
TD12.0-0.6	D12.0*0.6*d6.0*15*D12*60	12.0	6.0	12.0	0.6	15.0	60	4
TD12.0-0.7	D12.0*0.7*d6.0*15*D12*60	12.0	6.0	12.0	0.7	15.0	60	4
TD12.0-0.8	D12.0*0.8*d6.0*15*D12*60	12.0	6.0	12.0	0.8	15.0	60	4
TD12.0-0.9	D12.0*0.9*d6.0*15*D12*60	12.0	6.0	12.0	0.9	15.0	60	4
TD12.0-1.0	D12.0*1.0*d6.0*15*D12*60	12.0	6.0	12.0	1.0	15.0	60	4
TD12.0-1.1	D12.0*1.1*d6.0*15*D12*60	12.0	6.0	12.0	1.1	15.0	60	4
TD12.0-1.2	D12.0*1.2*d6.0*15*D12*60	12.0	6.0	12.0	1.2	15.0	60	4
TD12.0-1.3	D12.0*1.3*d6.0*15*D12*60	12.0	6.0	12.0	1.3	15.0	60	4
TD12.0-1.4	D12.0*1.4*d6.0*15*D12*60	12.0	6.0	12.0	1.4	15.0	60	4
TD12.0-1.5	D12.0*1.5*d6.0*15*D12*60	12.0	6.0	12.0	1.5	15.0	60	4
TD12.0-1.6	D12.0*1.6*d6.0*15*D12*60	12.0	6.0	12.0	1.6	15.0	60	4
TD12.0-1.7	D12.0*1.7*d6.0*15*D12*60	12.0	6.0	12.0	1.7	15.0	60	4
TD12.0-1.8	D12.0*1.8*d6.0*15*D12*60	12.0	6.0	12.0	1.8	15.0	60	4
TD12.0-1.9	D12.0*1.9*d6.0*15*D12*60	12.0	6.0	12.0	1.9	15.0	60	4
TD12.0-2.0	D12.0*2.0*d6.0*15*D12*60	12.0	6.0	12.0	2.0	15.0	60	4
TD12.0-2.5	D12.0*2.5*d6.0*15*D12*60	12.0	6.0	12.0	2.5	15.0	60	4
TD12.0-3.0	D12.0*3.0*d6.0*15*D12*60	12.0	6.0	12.0	3.0	15.0	60	4
TD12.0-3.5	D12.0*3.5*d6.0*15*D12*60	12.0	6.0	12.0	3.5	15.0	60	4
TD12.0-4.0	D12.0*4.0*d6.0*15*D12*60	12.0	6.0	12.0	4.0	15.0	60	4
TD12.0-4.5	D12.0*4.5*d6.0*15*D12*60	12.0	6.0	12.0	4.5	15.0	60	4
TD12.0-5.0	D12.0*5.0*d6.0*15*D12*60	12.0	6.0	12.0	5.0	15.0	60	4
TD12.0-5.5	D12.0*5.5*d6.0*15*D12*60	12.0	6.0	12.0	5.5	15.0	60	4
TD12.0-6.0	D12.0*6.0*d6.0*15*D12*60	12.0	6.0	12.0	6.0	15.0	60	4
TD12.0-8.0	D12.0*8.0*d6.0*15*D12*60	12.0	6.0	12.0	8.0	15.0	60	4

订货示例: 钢件加工: TD12.0-0.6 4F D12.0*0.6*d6.0*15*D12*60*4F 有色金属加工: TD12.0-0.6 AL D12.0*0.6*d6.0*15*D12*60*3F*AL

Ordering Example: For steel processing: TD12.0-0.6 4F D12.0*0.6*d6.0*15*D12*60*4F For nonferrous metal processing: TD12.0-0.6 AL D12.0*0.6*d6.0*15*D12*60*3F*AL

» T型立铣刀系列 D14.0 T-shaped end mill series D14.0



型号 Designation		尺寸 Size						齿数 Teeth
		D1	F	D	L1	L2	L	
TD14.0-1.0	D14.0*1.0*d7.0*18*D14*60	14.0	7.0	14.0	1.0	18.0	60	4
TD14.0-1.5	D14.0*1.5*d7.0*18*D14*60	14.0	7.0	14.0	1.5	18.0	60	4
TD14.0-2.0	D14.0*2.0*d7.0*18*D14*60	14.0	7.0	14.0	2.0	18.0	60	4
TD14.0-2.5	D14.0*2.5*d7.0*18*D14*60	14.0	7.0	14.0	2.5	18.0	60	4
TD14.0-3.0	D14.0*3.0*d7.0*18*D14*60	14.0	7.0	14.0	3.0	18.0	60	4
TD14.0-3.5	D14.0*3.5*d7.0*18*D14*60	14.0	7.0	14.0	3.5	18.0	60	4
TD14.0-4.0	D14.0*4.0*d7.0*18*D14*60	14.0	7.0	14.0	4.0	18.0	60	4
TD14.0-4.5	D14.0*4.5*d7.0*18*D14*60	14.0	7.0	14.0	4.5	18.0	60	4
TD14.0-5.0	D14.0*5.0*d7.0*18*D14*60	14.0	7.0	14.0	5.0	18.0	60	4
TD14.0-5.5	D14.0*5.5*d7.0*18*D14*60	14.0	7.0	14.0	5.5	18.0	60	4
TD14.0-6.0	D14.0*6.0*d7.0*18*D14*60	14.0	7.0	14.0	6.0	18.0	60	4
TD14.0-7.0	D14.0*7.0*d7.0*18*D14*60	14.0	7.0	14.0	7.0	18.0	60	4
TD14.0-8.0	D14.0*8.0*d7.0*18*D14*60	14.0	7.0	14.0	8.0	18.0	60	4

订货示例: 钢件加工: TD14.0-1.5 4F D14.0*1.5*d7.0*18*D14*60*4F 有色金属加工: TD14.0-1.5 AL D14.0*1.5*d7.0*18*D14*60*3F*AL

Ordering Example: For steel processing: TD14.0-1.5 4F D14.0*1.5*d7.0*18*D14*60*4F For nonferrous metal processing: TD14.0-1.5 AL D14.0*1.5*d7.0*18*D14*60*3F*AL

» T型立铣刀系列 D16.0 T-shaped end mill series D16.0

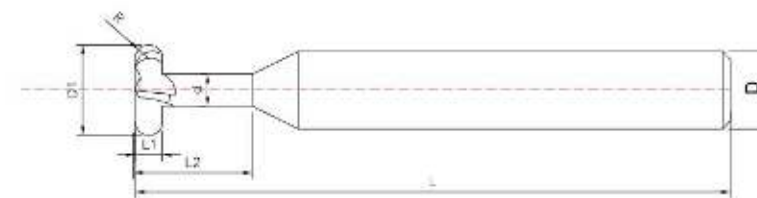


型号 Designation		尺寸 Size						齿数 Teeth
		D1	d	D	L1	L2	L	
TD16.0-1.0	D16.0*1.0*d8.0*20*D16*65	16.0	8.0	16.0	1.0	20.0	65	4
TD16.0-1.5	D16.0*1.5*d8.0*20*D16*65	16.0	8.0	16.0	1.5	20.0	65	4
TD16.0-2.0	D16.0*2.0*d8.0*20*D16*65	16.0	8.0	16.0	2.0	20.0	65	4
TD16.0-2.5	D16.0*2.5*d8.0*20*D16*65	16.0	8.0	16.0	2.5	20.0	65	4
TD16.0-3.0	D16.0*3.0*d8.0*20*D16*65	16.0	8.0	16.0	3.0	20.0	65	4
TD16.0-3.5	D16.0*3.5*d8.0*20*D16*65	16.0	8.0	16.0	3.5	20.0	65	4
TD16.0-4.0	D16.0*4.0*d8.0*20*D16*65	16.0	8.0	16.0	4.0	20.0	65	4
TD16.0-4.5	D16.0*4.5*d8.0*20*D16*65	16.0	8.0	16.0	4.5	20.0	65	4
TD16.0-5.0	D16.0*5.0*d8.0*20*D16*65	16.0	8.0	16.0	5.0	20.0	65	4
TD16.0-5.5	D16.0*5.5*d8.0*20*D16*65	16.0	8.0	16.0	5.5	20.0	65	4
TD16.0-6.0	D16.0*6.0*d8.0*20*D16*65	16.0	8.0	16.0	6.0	20.0	65	4
TD16.0-7.0	D16.0*7.0*d8.0*20*D16*65	16.0	8.0	16.0	7.0	20.0	65	4
TD16.0-8.0	D16.0*8.0*d8.0*20*D16*65	16.0	8.0	16.0	8.0	20.0	65	4

订货示例: 钢件加工: TD16.0-1.5 4F D16.0*1.5*d8.0*20*D16*65*4F 有色金属加工: TD16.0-1.5 AL D16.0*1.5*d8.0*20*D16*65*3F*AL

Ordering Example: For steel processing: TD16.0-1.5 4F D16.0*1.5*d8.0*20*D16*65*4F For nonferrous metal processing: TD16.0-1.5 AL D16.0*1.5*d8.0*20*D16*65*3F*AL

» T型立铣刀系列 T-shaped end mill series



型号 Designation		尺寸 Size							齿数 Teeth
		D1	d	D	L1	L2	L	R	
TD3.0-1.0R0.5	D3.0*1.0*d1.5*4*D4*50*R0.5	3.0	1.5	4.0	1.0	4.0	50	0.5	4/3
TD3.0-1.5R0.75	D3.0*1.5*d1.5*4*D4*50*R0.75	3.0	1.5	4.0	1.5	4.0	50	0.75	4/3
TD3.0-2.0R1.0	D3.0*2.0*d1.5*4*D4*50*R1.0	3.0	1.5	4.0	2.0	4.0	50	1.0	4/3
TD4.0-1.0R0.5	D4.0*1.0*d2.0*6*D4*50*R0.5	4.0	2.0	4.0	1.0	4.0	50	0.5	4/3
TD4.0-1.5R0.75	D4.0*1.5*d2.0*6*D4*50*R0.75	4.0	2.0	4.0	1.5	4.0	50	0.75	4/3
TD4.0-2.0R1.0	D4.0*2.0*d2.0*6*D4*50*R1.0	4.0	2.0	4.0	2.0	4.0	50	1.0	4/3
TD5.0-1.0R0.5	D5.0*1.0*d2.5*10*D6*50*R0.5	5.0	2.5	6.0	1.0	10.0	50	0.5	4/3
TD5.0-1.5R0.75	D5.0*1.5*d2.5*10*D6*50*R0.75	5.0	2.5	6.0	1.5	10.0	50	0.75	4/3
TD5.0-2.0R1.0	D5.0*2.0*d2.5*10*D6*50*R1.0	5.0	2.5	6.0	2.0	10.0	50	1.0	4/3
TD6.0-1.0R0.5	D6.0*1.0*d3.0*10*D6*50*R0.5	6.0	3.0	6.0	1.0	10.0	50	0.5	4/3
TD6.0-1.5R0.75	D6.0*1.5*d3.0*10*D6*50*R0.75	6.0	3.0	6.0	1.5	10.0	50	0.75	4/3
TD6.0-2.0R1.0	D6.0*2.0*d3.0*10*D6*50*R1.0	6.0	3.0	6.0	2.0	10.0	50	1.0	4/3
TD8.0-1.0R0.5	D8.0*1.0*d4.0*12*D8*50*R0.5	8.0	4.0	8.0	1.0	12.0	50	0.5	4
TD8.0-1.5R0.75	D8.0*1.5*d4.0*12*D8*50*R0.75	8.0	4.0	8.0	1.5	12.0	50	0.75	4
TD8.0-2.0R1.0	D8.0*2.0*d4.0*12*D8*50*R1.0	8.0	4.0	8.0	2.0	12.0	50	1.0	4
TD8.0-3.0R1.5	D8.0*3.0*d4.0*12*D8*50*R1.5	8.0	4.0	8.0	3.0	12.0	50	1.5	4
TD10-1.0R0.5	D10*1.0*d5.0*15*D10*60*R0.5	10.0	5.0	10.0	1.0	15.0	60	0.5	4
TD10-1.5R0.75	D10*1.5*d5.0*15*D10*60*R0.75	10.0	5.0	10.0	1.5	15.0	60	0.75	4
TD10-2.0R1.0	D10*2.0*d5.0*15*D10*60*R1.0	10.0	5.0	10.0	2.0	15.0	60	1.0	4
TD10-3.0R1.5	D10*3.0*d5.0*15*D10*60*R1.5	10.0	5.0	10.0	3.0	15.0	60	1.5	4
TD10-4.0R2.0	D10*4.0*d5.0*15*D10*60*R2.0	10.0	5.0	10.0	4.0	15.0	60	2.0	4
TD12-1.0R0.5	D12*1.0*d6.0*15*D12*60*R0.5	12.0	6.0	12.0	1.0	15.0	60	0.5	4
TD12-1.5R0.75	D12*1.5*d6.0*15*D12*60*R0.75	12.0	6.0	12.0	1.5	15.0	60	0.75	4
TD12-2.0R1.0	D12*2.0*d6.0*15*D12*60*R1.0	12.0	6.0	12.0	2.0	15.0	60	1.0	4
TD12-3.0R1.5	D12*3.0*d6.0*15*D12*60*R1.5	12.0	6.0	12.0	3.0	15.0	60	1.5	4
TD12-4.0R2.0	D12*4.0*d6.0*15*D12*60*R2.0	12.0	6.0	12.0	4.0	15.0	60	2.0	4
TD12-5.0R2.5	D12*5.0*d6.0*15*D12*60*R2.5	12.0	6.0	12.0	5.0	15.0	60	2.5	4
TD14-1.0R0.5	D14*1.0*d7.0*18*D14*60*R0.5	14.0	7.0	14.0	1.0	18.0	60	0.5	4
TD14-1.5R0.75	D14*1.5*d7.0*18*D14*60*R0.75	14.0	7.0	14.0	1.5	18.0	60	0.75	4
TD14-2.0R1.0	D14*2.0*d7.0*18*D14*60*R1.0	14.0	7.0	14.0	2.0	18.0	60	1.0	4
TD14-3.0R1.5	D14*3.0*d7.0*18*D14*60*R1.5	14.0	7.0	14.0	3.0	18.0	60	1.5	4
TD14-4.0R2.0	D14*4.0*d7.0*18*D14*60*R2.0	14.0	7.0	14.0	4.0	18.0	60	2.0	4
TD14-5.0R2.5	D14*5.0*d7.0*18*D14*60*R2.5	14.0	7.0	14.0	5.0	18.0	60	2.5	4
TD14-6.0R3.0	D14*6.0*d7.0*18*D14*60*R3.0	14.0	7.0	14.0	6.0	18.0	60	3.0	4

订货示例: 钢件加工: TD5.0-1.0R0.5 4F D5.0*1.0*d2.5*10*D6*50*R0.5*4F 有色金属加工: TD5.0-1.0R0.5 AL D5.0*1.0*d2.5*10*D6*50*R0.5*3F*AL

Ordering Example: For steel processing: TD5.0-1.0R0.5 4F D5.0*1.0*d2.5*10*D6*50*R0.5*4F For nonferrous metal processing: TD5.0-1.0R0.5 AL D5.0*1.0*d2.5*10*D6*50*R0.5*3F*AL

» 刀具选择推荐 Recommended tool selection

应用 Application	普通加工 General machining	粗加工 Rough machining	高效加工 High-efficiency machining	微加工 Micro machining
P 钢 Steel HRC<35R	R550 UST R500 R600	R550 UST AC550	UST	R600 UST
M 不锈钢 Stainless Steel	SUS	SUS UST	SUS	SUS UST
K 铸铁 Cast Iron HRC<35	R550 UST			UST
S 耐热合金 Heat-resistant Alloy	GTS			
S 钛合金 Titanium Alloy	GTJ			
N 有色金属 Non-ferrous metal	AL550 AL700	AL550 AL700	TL550 TL700	TL550 TL700
H 高硬钢 High Hardness Steel HRC45-HRC55	R650 R700	R650		R700 R900 R998
H 高硬钢 High Hardness Steel HRC55-HRC60	R700 R900			
H 高硬钢 High Hardness Steel HRC55-HRC60	R900 R998			

A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻头刀具
Drill tool holder

E
硬质合金刀具
Carbide tools

>>> 系列介绍 Series Introduction

A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻头刀具
Drill tool holder

E
硬质合金刀片
Carbide tools

- R998高速高硬钨钢铣刀**
R998 High-speed, high hardness tungsten steel end mill
- 适用于硬料的精加工，高速加工发挥卓越性能。
 - 采用复合粉末，超微粒子超硬合金（0.2μm），不易破损。
 - 采用多层TiSiN-AR高端涂层，耐磨性极佳。
 - 适用于加工硬度HRC48-70度的高硬钢件。
 - Suitable for finish machining of hard materials, with excellent performance achieved through high-speed machining.
 - Adopt complex powder, Ultra-fine particles, Ultra-hard alloy(0.2um), not easy to damage.
 - Adopting multi-layer TiSiN AR high-end coating, excellent wear resistance.
 - Suitable for processing the high hardness steel parts with hardness of HRC 48-70.



- R650高硬钨钢铣刀**
R650 High hardness tungsten steel end mill
- 良好的排屑性和稳定性是加工更有效率。
 - 采用独特工艺设计，在高速、高硬加工下能保持完美光亮的铣削表面。
 - 采用巴尔查斯涂层，适用于HRC65度以内的硬料。
 - Good chip removal property and excellent stability enable the machining to be more efficient.
 - Keep shining milling surface under high-speed and high hardened processing by unique process design.
 - Adopt Balzers coating, suitable for hard material that hardness within HRC65.



- R900高速高硬钨钢铣刀**
R900 High-speed, high hardness tungsten steel end mill
- 高精度（±0.005MM）高速，高硬专用刀型。
 - 采用复合粉末，超微粒子超硬合金（0.2μm），不易破损。
 - 采用多层耐氧化性涂层，耐磨性极佳。
 - 干式切削，光洁度高。
 - 适用于加工硬度HRC48-70度的高硬钢件。
 - Dedicated end mill for high precision(±0.005MM), high-speed, high hardness.
 - Adopt complex powder, Ultra-fine particles, Ultra-hard alloy(0.2um), not easy to damage.
 - Excellent wear resistance by using multilayer oxidation resistance coating.
 - Dry cutting. Good surface finish.
 - Suitable for processing the high hardness steel parts with hardness of HRC 48-70.



- R700高硬钨钢铣刀**
R700 High hardness tungsten steel end mill
- 采用0.2μm顶级钨钢圆棒，在高转速、高进给、低切刀量条件下，表现完美。
 - 品质超越大部分进口知名品牌。
 - 适用于热处理材料达到50-70度。
 - Adopt 0.2um top tungsten steel round bar, perfect performance in high speed, high feed, low cutting quantity statues.
 - Quality exceeds most famous imported brands!
 - Suitable for heat treatment material with HRC 50-70.



>>> 系列介绍 Series Introduction

- R600通用钨钢铣刀**
R600 General tungsten steel end mill
- 极细硬质合金铣刀，干湿切削两用。
 - 采用45度螺旋角设计，保证了良好的加工效果。
 - 用于加工硬度HRC60以下的冲模、合金钢、铸铁、电极、调质钢。
 - Ultrafine hard alloy carbide cutter, dry& wet cutting.
 - The square end mill is designed with 45 degree spiral angel which ensures excellent machining result.
 - Be used for processing stamping die, alloy steel, cast iron, electrode die, tempered steel and heat-treatment steel with the hardness below HRC60.



- UST U型槽钨钢铣刀**
UST U-Shape groove tungsten steel end mill
- 采用不等分U型槽工艺，特殊排屑槽设计。
 - 用于高效加工碳钢、合金钢、马氏体钢、不锈钢和铸铁等。
 - 加工效率高，降低生产成本的最佳选择。
 - Adopting unequal U-shaped groove technology and special chip removal groove design.
 - Be used for processing carbon steel, alloy steel, martensitic steel, stainless steel and cast iron.
 - High processing efficiency, the best choice to reduce the cost of production.



- R550通用钨钢铣刀**
R550 General tungsten steel end mill
- 超细颗粒硬质合金铣刀。
 - 用于加工碳钢、工具钢、合金钢、不锈钢、调质钢、铜料和铸铁等HRC55度以下的金属。
 - Ultrafine granular hard alloy carbide cutter.
 - Be used for processing carbon steel, tool steel, alloy steel, die steel, stainless steel, quenched and tempered steel, copper material and cast iron that the hardness within HRC55.



- R500通用钨钢铣刀**
R500 General tungsten steel end mill
- 用于加工碳钢、工具钢、合金钢、沟槽加工、亚克力、电木材料、铜料、铸铁等HRC50度以下的金属。
 - Be used for processing carbon steel, tool steel, alloy steel, groove, acrylic, bakelite material, copper material and cast iron that the hardness within HRC50.



A
车削刀具
Turning tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻头刀具
Drill tool holder

E
硬质合金刀片
Carbide tools

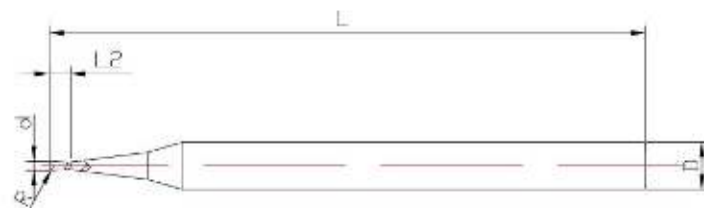
2刃微小径平刀 Micro Diameter Miniature 2 Flutes End Mill



型号 Designation	尺寸 Size					R998	R900	R700	R650	R600	UST	R550	R500	AL700	Ti700	AL550	Ti550	SUS	GTS	G11
	d	L2	L	D																
PK2-001	0.1*0.3*50L*4D	0.1	0.3	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○	○
PK2-002	0.2*0.4*50L*4D	0.2	0.4	50	4	▲	▲	○	○	○	○	▲	▲	○	○	▲	▲	▲	▲	▲
PK2-003	0.3*0.6*50L*4D	0.3	0.6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
PK2-004	0.4*0.8*50L*4D	0.4	0.8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
PK2-005	0.5*1.0*50L*4D	0.5	1.0	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
PK2-006	0.6*1.2*50L*4D	0.6	1.2	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
PK2-007	0.7*1.4*50L*4D	0.7	1.4	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
PK2-008	0.8*1.6*50L*4D	0.8	1.6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
PK2-009	0.9*1.8*50L*4D	0.9	1.8	50	4	▲	○	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

订货示例: PK2-002: R650PK2-002 0.2*0.4*50L*4D Ordering Example: PK2-002: R650PK2-002 0.2*0.4*50L*4D

2刃微小径球刀 Micro Diameter Miniature 2 Flutes Ball Nose End Mill



型号 Designation	尺寸 Size					R998	R900	R700	R650	R600	UST	R550	R500	AL700	Ti700	AL550	Ti550	SUS	GTS	G11
	d	L2	L	D																
BPK2-001	R0.05*0.3*50L*4D	0.05	0.3	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○	○
BPK2-0015	R0.075*0.3*50L*4D	0.075	0.3	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○	○
BPK2-002	R0.1*0.4*50L*4D	0.10	0.4	50	4	▲	▲	▲	▲	○	○	○	○	▲	▲	○	○	○	○	○
BPK2-003	R0.15*0.6*50L*4D	0.15	0.6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BPK2-004	R0.2*0.8*50L*4D	0.20	0.8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BPK2-005	R0.25*1.0*50L*4D	0.25	1.0	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BPK2-006	R0.3*1.2*50L*4D	0.30	1.2	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BPK2-007	R0.35*1.4*50L*4D	0.35	1.4	50	4	▲	▲	○	○	○	○	○	○	○	○	▲	▲	○	○	○
BPK2-008	R0.4*1.6*50L*4D	0.40	1.6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BPK2-009	R0.45*1.8*50L*4D	0.45	1.8	50	4	▲	▲	○	○	○	○	○	○	○	○	▲	▲	○	○	○

订货示例: BPK2-002: R650BPK2-002 R0.1*0.4*50L*4D Ordering Example: BPK2-002: R650BPK2-002 R0.1*0.4*50L*4D

<http://www.sandhogtools.com/E045/>

2刃微小径圆鼻刀 Micro Diameter Miniature 2 Flutes Corner Radius End Mill



型号 Designation	尺寸 Size					R998	R900	R700	R650	R600	UST	R550	R500	AL700	Ti700	AL550	Ti550	SUS	GTS	G11
	d	R	L2	L	D															
LRNC2-002002	0.2R0.02*0.4*50L*2T	0.2	0.02	0.4	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-002005	0.2R0.05*0.4*50L*2T	0.2	0.05	0.4	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-003002	0.3R0.02*0.6*50L*2T	0.3	0.02	0.6	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-003005	0.3R0.05*0.6*50L*2T	0.3	0.05	0.6	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-003010	0.3R0.1*0.6*50L*2T	0.3	0.1	0.6	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-004002	0.4R0.02*0.8*50L*2T	0.4	0.02	0.8	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-004005	0.4R0.05*0.8*50L*2T	0.4	0.05	0.8	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-004010	0.4R0.1*0.8*50L*2T	0.4	0.1	0.8	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-005002	0.5R0.02*1.0*50L*2T	0.5	0.02	1.0	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-005005	0.5R0.05*1.0*50L*2T	0.5	0.05	1.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-005010	0.5R0.1*1.0*50L*2T	0.5	0.1	1.0	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-006002	0.6R0.02*1.2*50L*2T	0.6	0.02	1.2	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-006005	0.6R0.05*1.2*50L*2T	0.6	0.05	1.2	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-006010	0.6R0.1*1.2*50L*2T	0.6	0.1	1.2	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-007002	0.7R0.02*1.4*50L*2T	0.7	0.02	1.4	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-007005	0.7R0.05*1.4*50L*2T	0.7	0.05	1.4	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-007010	0.7R0.1*1.4*50L*2T	0.7	0.1	1.4	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-008002	0.8R0.02*1.6*50L*2T	0.8	0.02	1.6	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-008005	0.8R0.05*1.6*50L*2T	0.8	0.05	1.6	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-008010	0.8R0.1*1.6*50L*2T	0.8	0.1	1.6	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
LRNC2-008020	0.8R0.2*1.6*50L*2T	0.8	0.2	1.6	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○

订货示例: LRNC2-003002: R900LRNC2-003002 0.3R0.02*0.6*50L*2T Ordering Example: LRNC2-003002: R900LRNC2-003002 0.3R0.02*0.6*50L*2T

<http://www.sandhogtools.com/E046/>

A
车削刀具
Cutting tool holder

B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻削刀具
Drill tool holder

E
数控车刀片
Carbide tools

A
车削刀具
Cutting tool holder

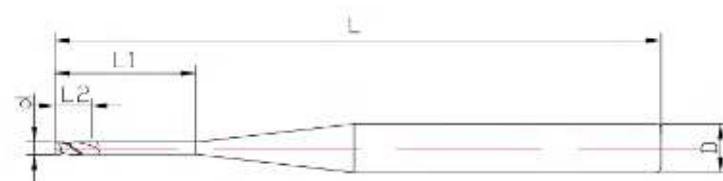
B
硬质合金刀片
Carbide insert

C
铣削刀具
Milling tool holder

D
钻削刀具
Drill tool holder

E
数控车刀片
Carbide tools

» 2刃微小径深沟平刀 Micro Diameter Miniature 2 Flutes Rib End Mill

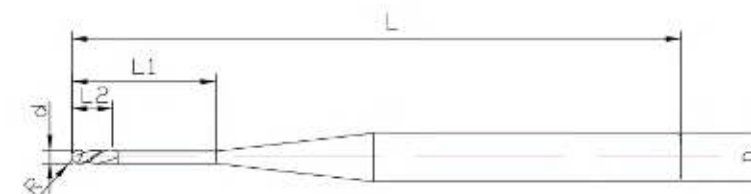


型号 Designation		尺寸 Size					P908	P900	P200	P650	P600	UST	P550	P500	AL700	TL700	AL550	TL550	SUS	GTS	GTL
		d	R	L2	L	D															
MDG2-001005	0.1*0.2*0.5*50L*4D	0.1	0.2	0.5	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00101	0.1*0.2*1.0*50L*4D	0.1	0.2	1.0	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○			
MDG2-00102	0.1*0.2*2.0*50L*4D	0.1	0.2	2.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDC2-00201	0.2*0.4*1.0*50L*4D	0.2	0.4	1.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00201.5	0.2*0.4*1.5*50L*4D	0.2	0.4	1.5	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00202	0.2*0.4*2.0*50L*4D	0.2	0.4	2.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00203	0.2*0.4*3.0*50L*4D	0.2	0.4	3.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00301	0.3*0.6*1.0*50L*4D	0.3	0.6	1.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00301.5	0.3*0.6*1.5*50L*4D	0.3	0.6	1.5	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00302	0.3*0.6*2.0*50L*4D	0.3	0.6	2.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00303	0.3*0.6*3.0*50L*4D	0.3	0.6	3.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00304	0.3*0.6*4.0*50L*4D	0.3	0.6	4.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00305	0.3*0.6*5.0*50L*4D	0.3	0.6	5.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00306	0.3*0.6*6.0*50L*4D	0.3	0.6	6.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00402	0.4*0.6*2.0*50L*4D	0.4	0.6	2.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00403	0.4*0.6*3.0*50L*4D	0.4	0.6	3.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00404	0.4*0.6*4.0*50L*4D	0.4	0.6	4.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDC2-00405	0.4*0.6*5.0*50L*4D	0.4	0.6	5.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00406	0.4*0.6*6.0*50L*4D	0.4	0.6	6.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00502	0.5*0.8*2.0*50L*4D	0.5	0.8	2.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00503	0.5*0.8*3.0*50L*4D	0.5	0.8	3.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00504	0.5*0.8*4.0*50L*4D	0.5	0.8	4.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00506	0.5*0.8*6.0*50L*4D	0.5	0.8	5.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00508	0.5*0.8*8.0*50L*4D	0.5	0.8	6.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00602	0.6*1.0*2.0*50L*4D	0.6	1.0	2.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00603	0.6*1.0*3.0*50L*4D	0.6	1.0	3.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00604	0.6*1.0*4.0*50L*4D	0.6	1.0	4.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00606	0.6*1.0*6.0*50L*4D	0.6	1.0	5.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00608	0.6*1.0*8.0*50L*4D	0.6	1.0	6.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00702	0.7*1.1*2.0*50L*4D	0.7	1.1	2.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00703	0.7*1.1*3.0*50L*4D	0.7	1.1	3.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDC2-00704	0.7*1.1*4.0*50L*4D	0.7	1.1	4.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00706	0.7*1.1*6.0*50L*4D	0.7	1.1	5.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00802	0.8*1.2*2.0*50L*4D	0.8	1.2	2.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00803	0.8*1.2*3.0*50L*4D	0.8	1.2	3.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00804	0.8*1.2*4.0*50L*4D	0.8	1.2	4.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00806	0.8*1.2*6.0*50L*4D	0.8	1.2	5.0	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00808	0.8*1.2*8.0*50L*4D	0.8	1.2	6.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MDG2-00904	0.9*1.4*4.0*50L*4D	0.9	1.4	4.0	50	4	○	○	▲	▲	▲	▲	▲	○	○	○	○	○			
MDG2-00906	0.9*1.4*6.0*50L*4D	0.9	1.4	5.0	50	4	○	○	○	○	○	○	○	○	○	○	○	○			

订货示例:MDG2-00202; R650MDG2-00202 0.2*0.4*2.0*50L*4D Ordering Example:MDG2-00202; R650MDG2-00202 0.2*0.4*2.0*50L*4D

<http://www.sandhogtools.com/E047/>

» 2刃微小径深沟球刀 Micro Diameter Miniature 2 Flutes Rib Ball Nose End Mill

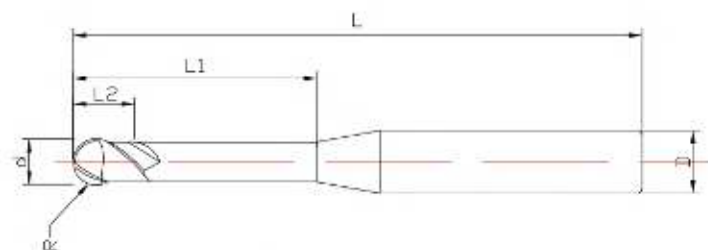


型号 Designation		尺寸 Size					R90B	R90C	R700	R650	R600	UST	R550	R500	AL700	TL700	AL550	TL550	SUS	GTS	C
		d	R	L2	L	D															
MDGBT2-00201	R0.1*0.4*1.0*50L*4D	0.1	0.4	1.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00202	R0.1*0.4*2.0*50L*4D	0.1	0.4	2.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00301	R0.15*0.6*1.0*50L*4D	0.15	0.6	1.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00302	R0.15*0.6*2.0*50L*4D	0.15	0.6	2.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00303	R0.15*0.6*3.0*50L*4D	0.15	0.6	3.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00401	R0.2*0.6*1.0*50L*4D	0.2	0.6	1.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00402	R0.2*0.6*2.0*50L*4D	0.2	0.6	2.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00403	R0.2*0.6*3.0*50L*4D	0.2	0.6	3.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00404	R0.2*0.6*4.0*50L*4D	0.2	0.6	4.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00406	R0.2*0.6*6.0*50L*4D	0.2	0.6	6.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00502	R0.25*0.8*2.0*50L*4D	0.25	0.8	2.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00503	R0.25*0.8*3.0*50L*4D	0.25	0.8	3.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00504	R0.25*0.8*4.0*50L*4D	0.25	0.8	4.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00506	R0.25*0.8*6.0*50L*4D	0.25	0.8	6.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00602	R0.3*1.0*2.0*50L*4D	0.3	1.0	2.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00603	R0.3*1.0*3.0*50L*4D	0.3	1.0	3.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00604	R0.3*1.0*4.0*50L*4D	0.3	1.0	4.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00605	R0.3*1.0*5.0*50L*4D	0.3	1.0	5.0	50	4	○	○	○	○	○				○	○	○	○			
MDGBT2-00606	R0.3*1.0*6.0*50L*4D	0.3	1.0	6.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00608	R0.3*1.0*8.0*50L*4D	0.3	1.0	8.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00802	R0.4*1.2*2.0*50L*4D	0.4	1.2	2.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00803	R0.4*1.2*3.0*50L*4D	0.4	1.2	3.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00804	R0.4*1.2*4.0*50L*4D	0.4	1.2	4.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00805	R0.4*1.2*5.0*50L*4D	0.4	1.2	5.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00806	R0.4*1.2*6.0*50L*4D	0.4	1.2	6.0	50	4	▲	▲	○	○	○				○	○	○	○			
MDGBT2-00808	R0.4*1.2*8.0*50L*4D	0.4	1.2	8.0	50	4	▲	▲	○	○	○				○	○	○	○			

订购示例:MDGB12-00201; R650MDGB12-00201 R0.1*0.4*1.0*50L*4D Ordering Example:MDGB12-00201; R650MDGB12-00201 R0.1*0.4*1.0*50L*4D

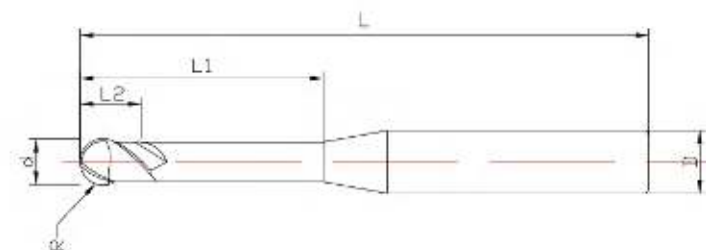
<http://www.sandhoatools.com/E048/>

>>> 2刃小径深沟球刀 Micro Diameter 2 Flutes Rib Ball Nose End Mill



型号 Designation	尺寸 Size					R998	R900	R700	R650	R600	UST	R550	R500	AL700	TL700	AL550	TL550	SUS	GTS	GTJ
	d	R	L2	L1	D															
MDG8T2-01004	0.5*1.2*4*50L*4D	0.5	1.2	4	50	4	○	▲	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-01004-D6	0.5*1.2*4*50L*6D	0.5	1.2	4	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-01004-D6	0.5*1.2*4*75L*6D	0.5	1.2	4	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-01006	0.5*1.2*6*50L*4D	0.5	1.2	6	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-01006-D6	0.5*1.2*6*50L*6D	0.5	1.2	6	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-01006-D6	0.5*1.2*6*75L*6D	0.5	1.2	6	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-01008	0.5*1.2*8*50L*4D	0.5	1.2	8	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-01008-D6	0.5*1.2*8*50L*6D	0.5	1.2	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-01008-D6	0.5*1.2*8*75L*6D	0.5	1.2	8	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-01010	0.5*1.2*10*50L*4D	0.5	1.2	10	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-01010-D6	0.5*1.2*10*50L*6D	0.5	1.2	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-01010-D6	0.5*1.2*10*75L*6D	0.5	1.2	10	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-01012	0.5*1.2*12*50L*4D	0.5	1.2	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-01012-D6	0.5*1.2*12*50L*6D	0.5	1.2	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-01012-D6	0.5*1.2*12*75L*6D	0.5	1.2	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-01016	0.5*1.2*16*50L*4D	0.5	1.2	16	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-01016-D6	0.5*1.2*16*50L*6D	0.5	1.2	16	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-01016-D6	0.5*1.2*16*75L*6D	0.5	1.2	16	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-15004	0.75*1.8*4*50L*4D	0.75	1.8	4	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-15004-D6	0.75*1.8*4*50L*6D	0.75	1.8	4	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-15004-D6	0.75*1.8*4*75L*6D	0.75	1.8	4	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-15006	0.75*1.8*6*50L*4D	0.75	1.8	6	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-15006-D6	0.75*1.8*6*50L*6D	0.75	1.8	6	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-15006-D6	0.75*1.8*6*75L*6D	0.75	1.8	6	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-15008	0.75*1.8*8*50L*4D	0.75	1.8	8	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-15008-D6	0.75*1.8*8*50L*6D	0.75	1.8	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-15008-D6	0.75*1.8*8*75L*6D	0.75	1.8	8	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-15010	0.75*1.8*10*50L*4D	0.75	1.8	10	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-15010-D6	0.75*1.8*10*50L*6D	0.75	1.8	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-15010-D6	0.75*1.8*10*75L*6D	0.75	1.8	10	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-15012	0.75*1.8*12*50L*4D	0.75	1.8	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-15012-D6	0.75*1.8*12*50L*6D	0.75	1.8	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-15012-D6	0.75*1.8*12*75L*6D	0.75	1.8	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-02006	1.0*2.4*6*50L*4D	1.0	2.4	6	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-02006-D6	1.0*2.4*6*50L*6D	1.0	2.4	6	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-02006-D6	1.0*2.4*6*75L*6D	1.0	2.4	6	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-02008	1.0*2.4*8*50L*4D	1.0	2.4	8	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-02008-D6	1.0*2.4*8*50L*6D	1.0	2.4	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-02008-D6	1.0*2.4*8*75L*6D	1.0	2.4	8	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○

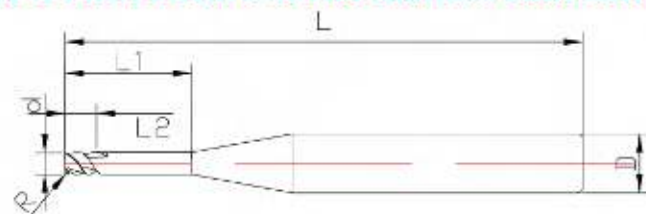
>>> 2刃小径深沟球刀 Micro Diameter 2 Flutes Rib Ball Nose End Mill



型号 Designation	尺寸 Size					R998	R900	R700	R650	R600	UST	R550	R500	AL700	TL700	AL550	TL550	SUS	GTS	GTJ
	d	R	L2	L1	D															
MDG8T2-02010	1.0*2.4*10*50L*4D	1.0	2.4	10	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-02010-D6	1.0*2.4*10*50L*6D	1.0	2.4	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-02010-D6	1.0*2.4*10*75L*6D	1.0	2.4	10	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-02012	1.0*2.4*12*50L*4D	1.0	2.4	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-02012-D6	1.0*2.4*12*50L*6D	1.0	2.4	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-02012-D6	1.0*2.4*12*75L*6D	1.0	2.4	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-02016	1.0*2.4*16*50L*4D	1.0	2.4	16	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-02016-D6	1.0*2.4*16*50L*6D	1.0	2.4	16	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-02016-D6	1.0*2.4*16*75L*6D	1.0	2.4	16	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-03008	1.5*2.4*8*50L*4D	1.5	3.6	8	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-03008-D6	1.5*2.4*8*50L*6D	1.5	3.6	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-03008-D6	1.5*2.4*8*75L*6D	1.5	3.6	8	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-03010	1.5*2.4*10*50L*4D	1.5	2.4	10	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-03010-D6	1.5*2.4*10*50L*6D	1.5	2.4	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-03010-D6	1.5*2.4*10*75L*6D	1.5	2.4	10	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-03012	1.5*2.4*12*50L*4D	1.5	2.4	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-03012-D6	1.5*2.4*12*50L*6D	1.5	2.4	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-03012-D6	1.5*2.4*12*75L*6D	1.5	2.4	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-03016	1.5*2.4*16*50L*4D	1.5	2.4	16	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
MDG8T2-03016-D6	1.5*2.4*16*50L*6D	1.5	2.4	16	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-03016-D6	1.5*2.4*16*75L*6D	1.5	2.4	16	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-04012-D6	2.0*4.8*12*50L*6D	2.0	4.8	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-04012-D6	2.0*4.8*12*75L*6D	2.0	4.8	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-04016-D6	2.0*4.8*16*50L*6D	2.0	4.8	16	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-04016-D6	2.0*4.8*16*75L*6D	2.0	4.8	16	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDG8T2-04020-D6	2.0*4.8*20*75L*6D	2.0	4.8	20	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MDF8T2-04025-D6	2.0*4.8*25*75L*6D	2.0	4.8	25	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○

订货示例:MDG8T2-01006:R650MDG8T2-01006 0.5*1

>>> 4刃小径深沟圆鼻刀 Micro Diameter 4 Flutes Rib Corner Radius End Mill

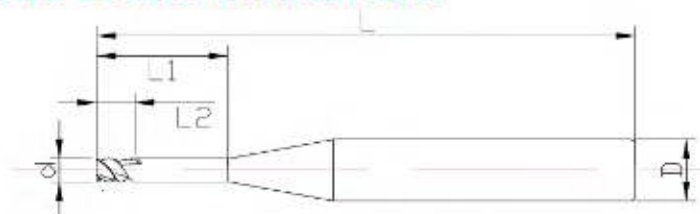


型号 Designation	尺寸 Size						R906	R900	R700	R650	R600	LST	R550	R500	AL700	TL700	AL550	TL550	SUS	GTS	GTI
	d	R	L2	L1	L	D															
MLRNC4-0100504	1R0.05*1.2*4*4D*50L*4T	1.0	0.05	1.2	4	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0100505	1R0.05*1.2*5*4D*50L*4T	1.0	0.05	1.2	5	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0100506	1R0.05*1.2*6*4D*50L*4T	1.0	0.05	1.2	6	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0100508	1R0.05*1.2*8*4D*50L*4T	1.0	0.05	1.2	8	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-010104	1R0.1*1.2*4*4D*50L*4T	1.0	0.1	1.2	4	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-010104-D6	1R0.1*1.2*4*6D*50L*4T	1.0	0.1	1.2	4	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-010106	1R0.1*1.2*6*4D*50L*4T	1.0	0.1	1.2	6	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-010106-D6	1R0.1*1.2*6*6D*50L*4T	1.0	0.1	1.2	6	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-010204	1R0.2*1.2*4*4D*50L*4T	1.0	0.2	1.2	4	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-010204-D6	1R0.2*1.2*4*6D*50L*4T	1.0	0.2	1.2	4	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-010206	1R0.2*1.2*6*4D*50L*4T	1.0	0.2	1.2	6	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-010206-D6	1R0.2*1.2*6*6D*50L*4T	1.0	0.2	1.2	6	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-010208	1R0.2*1.2*8*4D*50L*4T	1.0	0.2	1.2	8	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-010208-D6	1R0.2*1.2*8*6D*50L*4T	1.0	0.2	1.2	8	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0150106	1.5R0.1*1.8*6*4D*50L*4T	1.5	0.1	1.8	6	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-0150106-D6	1.5R0.1*1.8*6*6D*50L*4T	1.5	0.1	1.8	6	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0150206	1.5R0.2*1.8*6*4D*50L*4T	1.5	0.2	1.8	6	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-0150206-D6	1.5R0.2*1.8*6*6D*50L*4T	1.5	0.2	1.8	6	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0150208	1.5R0.2*1.8*8*4D*50L*4T	1.5	0.2	1.8	8	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-0150208-D6	1.5R0.2*1.8*8*6D*50L*4T	1.5	0.2	1.8	8	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0150210	1.5R0.2*1.8*10*4D*50L*4T	1.5	0.2	1.8	10	50	4	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0150210-D6	1.5R0.2*1.8*10*6D*50L*4T	1.5	0.2	1.8	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-0150212	1.5R0.2*1.8*12*4D*50L*4T	1.5	0.2	1.8	12	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-0150212-D6	1.5R0.2*1.8*12*6D*50L*4T	1.5	0.2	1.8	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-020108	2R0.1*1.8*8*4D*50L*4T	2.0	0.1	1.8	8	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-020208	2R0.2*2.4*8*4D*50L*4T	2.0	0.2	2.4	8	50	6	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-020208-D6	2R0.2*2.4*8*6D*50L*4T	2.0	0.2	2.4	8	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-020210	2R0.2*2.4*10*4D*50L*4T	2.0	0.2	2.4	10	50	6	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-020210-D6	2R0.2*2.4*10*6D*50L*4T	2.0	0.2	2.4	10	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-020212	2R0.2*2.4*12*4D*50L*4T	2.0	0.2	2.4	12	50	6	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-020212-D6	2R0.2*2.4*12*6D*50L*4T	2.0	0.2	2.4	12	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-020216-D6	2R0.2*2.4*16*6D*50L*4T	2.0	0.2	2.4	16	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-030210	3R0.2*3.6*10*4D*50L*4T	3.0	0.2	3.6	10	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-030210-D6	3R0.2*3.6*10*6D*50L*4T	3.0	0.2	3.6	10	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-030212	3R0.2*3.6*12*4D*50L*4T	3.0	0.2	3.6	12	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
MLRNC4-030212-D6	3R0.2*3.6*12*6D*50L*4T	3.0	0.2	3.6	12	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-030216-D6	3R0.2*3.6*16*6D*50L*4T	3.0	0.2	3.6	16	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-040216-D6	4R0.2*4.8*16*6D*50L*4T	4.0	0.2	4.8	16	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-040216-D6	4R0.2*4.8*16*6D*50L*4T	4.0	0.2	4.8	16	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-040216-D6	4R0.2*4.8*16*6D*75L*4T	4.0	0.2	4.8	16	75	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-040220-D6	4R0.2*4.8*20*6D*75L*4T	4.0	0.2	4.8	20	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-040516-D6	4R0.5*4.8*16*6D*75L*4T	4.0	0.5	4.8	16	75	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
MLRNC4-040520-D6	4R0.5*4.8*20*6D*75L*4T	4.0	0.5	4.8	20	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○

订货示例: MLRNC4-010104: R650MLRNC4-010104 1R0.1*1.2*4*4D*50L*4T Ordering Example: MLRNC4-010104: R650MLRNC4-010104 1R0.1*1.2*4*4D*50L*4T

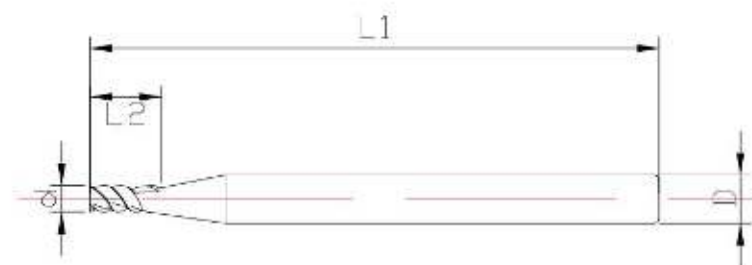
[Http://www.sandhogtools.com/E051/](http://www.sandhogtools.com/E051/)

>>> 4刃小径深沟平刀 Micro Diameter 4 Flutes Rib End Mill



型号 Designation		尺寸 Size					R906	R900	R700	R650	R600	LST	R550	AL700	TL700	AL550	TL550	SUS	GTS	GTI	
		d	L2	L1	L	D															
MST4-01004	1.0*1.2*4*50L*4D	1.0	1.2	4	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01004-D6	1.0*1.2*4*50L*6D	1.0	1.2	4	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01006	1.0*1.2*6*50L*4D	1.0	1.2	6	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-01006-D6	1.0*1.2*6*50L*6D	1.0	1.2	6	50	6	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-01008	1.0*1.2*8*50L*4D	1.0	1.2	8	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-01008-D6	1.0*1.2*8*50L*6D	1.0	1.2	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01010	1.0*1.2*10*50L*4D	1.0	1.2	10	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MSI4-01010-D6	1.0*1.2*10*50L*6D	1.0	1.2	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01012	1.0*1.2*12*50L*4D	1.0	1.2	12	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01012-D6	1.0*1.2*12*50L*6D	1.0	1.2	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01506	1.5*1.8*6*50L*4D	1.5	1.8	6	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-01506-D6	1.5*1.8*6*50L*6D	1.5	1.8	6	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MSI4-01508	1.5*1.8*8*50L*4D	1.5	1.8	8	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MSI4-01508-D6	1.5*1.8*8*50L*6D	1.5	1.8	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01510	1.5*1.8*10*50L*4D	1.5	1.8	10	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-01510-D6	1.5*1.8*10*50L*6D	1.5	1.8	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-01512	1.5*1.8*12*50L*4D	1.5	1.8	12	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-01512-D6	1.5*1.8*12*50L*6D	1.5	1.8	12	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-02008	2.0*2.4*8*50L*4D	2.0	2.4	8	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-02008-D6	2.0*2.4*8*50L*6D	2.0	2.4	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-02010	2.0*2.4*10*50L*4D	2.0	2.4	10	50	4	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-02010-D6	2.0*2.4*10*50L*6D	2.0	2.4	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-02012	2.0*2.4*12*50L*4D	2.0	2.4	12	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-02012-D6	2.0*2.4*12*50L*6D	2.0	2.4	12	50	6	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-02016	2.0*2.4*16*50L*4D	2.0	2.4	16	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-02016-D6	2.0*2.4*16*50L*6D	2.0	2.4	16	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MSI4-03010	3.0*3.6*10*50L*4D	3.0	3.6	10	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MSI4-03010-D6	3.0*3.6*10*50L*6D	3.0	3.6	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-03012	3.0*3.6*12*50L*4D	3.0	3.6	12	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○			
MST4-03012-D6	3.0*3.6*12*50L*6D	3.0	3.6	12	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○			
MST4-03016-D6	3.0*3.6*16*50L*6D	3.0	3.6	16	50	6	○	○	○	○	○	○	○	○	○	○	○	○			
MSF4-03012-D6	3.0*3.6*12*75L*6D	3.0	3.6	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○			
MSF4-03016-D6	3.0*3.6*16*75L*6D	3.0	3.6	16	75	6	○	○	○	○	○	○	○	○	○	○	○	○			
MSF4-03020-D6	3.0*3.6*20*75L*6D	3.0	3.6	20	75	6	○	○	○	○	○	○	○	○	○	○	○	○			
MST4-04012-D6	4.0*4.8*12*50L*6D	4.0	4.8	12	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○			
MST4-04016-D6	4.0*4.8*16*50L*6D	4.0	4.8	16	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○			
MSF4-04012-D6	4.0*4.8*12*75L*6D	4.0	4.8	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○			
MSF4-04016-D6	4.0*4.8*16*75L*6D	4.0	4.8	16	75	6	○	○	○	○	○	○	○	○	○	○	○	○			
MSF4-04020-D6	4.0*4.8*20*75L*6D	4.0	4.8	20	75	6	○	○	○	○	○	○	○	○	○	○	○	○			

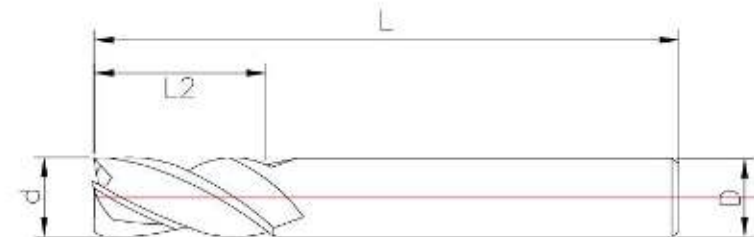
4刃长刃平刀 Long Flutes 4 Flutes End Mill



型号 Designation	尺寸 Size				R998	R990	R700	R650	R600	UST	R550	R500	AL700	AL550	TL550	SUS	GTS	GTI
	d	L2	L	D														
SFT4-01004	1.0*4*50L*4D*4T	1.0	4	50	4	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
SFT4-01005	1.0*5*50L*4D*4T	1.0	5	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○
SFT4-01006	1.0*6*50L*4D*4T	1.0	6	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-01008	1.0*8*50L*4D*4T	1.0	8	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-01010	1.0*10*50L*4D*4T	1.0	10	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-01012	1.0*12*50L*4D*4T	1.0	12	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○
SFT4-01506	1.5*6*50L*4D*4T	1.5	6	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-01508	1.5*8*50L*4D*4T	1.5	8	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-01510	1.5*10*50L*4D*4T	1.5	10	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-01512	1.5*12*50L*4D*4T	1.5	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-01516	1.5*16*50L*4D*4T	1.5	16	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○
SFT4-02008	2.0*8*50L*4D*4T	2.0	8	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-02010	2.0*10*50L*4D*4T	2.0	10	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-02012	2.0*12*50L*4D*4T	2.0	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-02016	2.0*16*50L*4D*4T	2.0	16	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-02510	2.5*10*50L*4D*4T	2.5	10	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-02512	2.5*12*50L*4D*4T	2.5	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-02516	2.5*16*50L*4D*4T	2.5	16	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-03012	3.0*12*50L*4D*4T	3.0	12	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-03016	3.0*16*50L*4D*4T	3.0	16	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-03020	3.0*20*50L*4D*4T	3.0	20	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○
SFT4-04012	4.0*12*50L*4D*4T	4.0	12	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○
SFT4-04016	4.0*16*50L*4D*4T	4.0	16	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
SFT4-04020	4.0*20*50L*4D*4T	4.0	20	50	4	○	○	○	○	○	○	○	○	○	○	○	○	○

订货示例: SFT4-01006: R650SFT4-01006 1.0*6*50L*4D*4T Ordering Example: SFT4-01006: R650SFT4-01006 1.0*6*50L*4D*4T

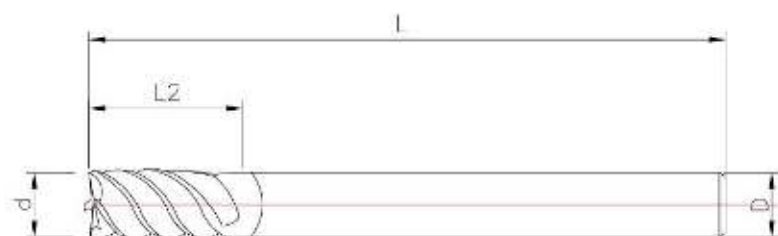
4刃平刀 4 Flutes Square End Mill



型号 Designation	尺寸 Size				R998	R990	R700	R650	R600	UST	R550	R500	AL700	AL550	TL550	SUS	GTS	GTI
	d	L2	L	D														
ST4-010-D4	1.0*3*50L*4D*4T	1.0	3	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
ST4-015-D4	1.5*4.5*50L*4D*4T	1.0	4.5	50	4	▲	▲	○	○	○	○	▲	○	○	○	○	○	○
ST4-020-D4	2.0*6*50L*4D*4T	2.0	6	50	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○
ST4-025-D4	2.5*7*50L*4D*4T	2.5	7	50	4	▲	▲	○	○	○	○	▲	○	○	○	○	○	○
ST4-030-D3	3.0*8*50L*3D*4T	3.0	8	50	3	○	○	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-030-D4	3.0*8*50L*4D*4T	3.0	8	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-035-D4	3.5*10*50L*4D*4T	3.5	10	50	4	▲	▲	○	○	○	○	▲	○	○	○	○	○	○
ST4-040-D4	4.0*11*50L*4D*4T	4.0	11	50	4	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-040-D6	4.0*11*50L*6D*4T	4.0	11	50	6	▲	▲	○	○	○	○	▲	○	○	○	○	○	○
ST4-050-D6	5.0*13*50L*6D*4T	5.0	13	50	6	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-050-D5	5.0*13*50L*5D*4T	5.0	13	50	5	○	○	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-060-D6	6.0*15*50L*6D*4T	6.0	15	50	6	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-070-D8	7.0*17*60L*8D*4T	7.0	17	60	8	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-080-D8	8.0*20*60L*8D*4T	8.0	20	60	8	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-090-D10	9.0*23*75L*10D*4T	9.0	23	75	10	○	○	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-100-D10	10.0*30*75L*10D*4T	10.0	30	75	10	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-110-D12	11.0*28*75L*12D*4T	11.0	28	75	12	○	○	○	○	○	○	○	○	○	○	○	○	○
ST4-120-D12	12.0*30*75L*12D*4T	12.0	30	75	12	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-140-D14	14.0*35*100L*14D*4T	14.0	35	100	14	○	○	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-160-D16	16.0*40*100L*16D*4T	16.0	40	100	16	▲	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○
ST4-180-D18	18.0*45*100L*18D*4T	18.0	45	100	18	○	○	○	○	○	○	○	○	○	○	○	○	○
ST4-200-D20	20.0*45*100L*20D*4T	20.0	45	100	20	○	○	▲	▲	▲	▲	▲	○	○	○	○	○	○

订货示例: ST4-020-D4: R650ST4-020-D4 2.0*6*50L*4D*4T Ordering Example: ST4-020-D4: R650ST4-020-D4 2.0*6*50L*4D*4T

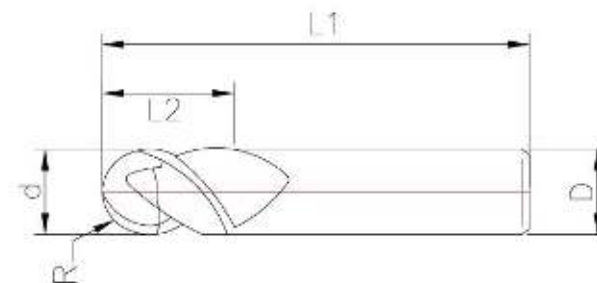
4刃加长平刀 Long Shank 4 Flutes Square End Mill



型号 Designation	尺寸 Size				R998	R999	R700	R600	R500	UST	R500	AL700	Ti700	Al550	Ti550	SUS	GTS	GTI
	d	L2	L	D														
FSL4-010-D4	1.0	3	75	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSL4-015-D4	1.5	4.5	75	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSL4-020-D4	2.0	6	75	4	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSL4-025-D4	2.5	7	75	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSL4-030-D4	3.0	8	75	4	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSL4-040-D4	4.0	12	75	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSL4-050-D6	5.0	13	75	6	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSL4-060-D6	6.0	15	75	6	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSL4-080-D8	8.0	20	75	8	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSF4-030-D4	3.0	8	100	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
FSF4-040-D4	4.0	12	100	4	▲	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○
FSF4-050-D6	5.0	13	100	6	○	○	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSF4-060-D6	6.0	15	100	6	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSF4-080-D8	8.0	20	100	8	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSF4-100-D10	10.0	30	100	10	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSF4-120-D12	12.0	30	100	12	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
FSJ4-080-D8	8.0	25	150	8	○	○	○	▲	▲	▲	▲	○	○	○	○	○	○	○
FSJ4-100-D10	10.0	30	150	10	○	○	○	▲	▲	▲	▲	○	○	○	○	○	○	○
FSJ4-120-D12	12.0	36	150	12	○	○	○	▲	▲	▲	▲	○	○	○	○	○	○	○
FSJ4-160-D16	16.0	50	150	16	○	○	○	▲	▲	▲	▲	○	○	○	○	○	○	○
FSJ4-200-D20	20.0	60	150	20	○	○	○	▲	▲	○	▲	○	○	○	○	○	○	○
FSK4-080-D8	8.0	25	150	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSK4-100-D10	10.0	30	150	10	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSK4-120-D12	12.0	36	150	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSK4-160-D16	16.0	50	150	16	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FSK4-200-D20	20.0	60	150	20	○	○	○	○	○	○	○	○	○	○	○	○	○	○

订货示例: FSL4-020-D4:R650FSL4-020-D4 Ordering Example: FSL4-020-D4:R650FSL4-020-D4 2.0*6*75L*4D*4T 2.0*6*75L*4D*4T

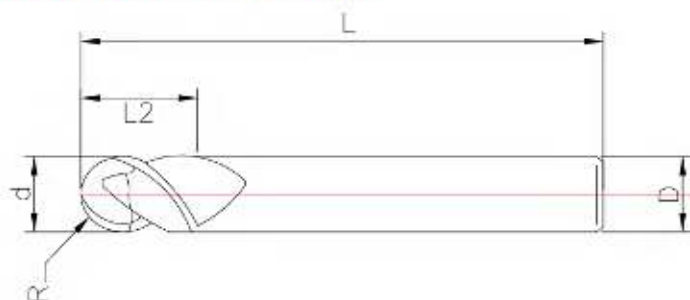
2刃球刀 2 Flutes Ball Nose End Mill



型号 Designation	尺寸 Size				R998	R999	R700	R600	R500	UST	R500	AL700	Ti700	Al550	Ti550	SUS	GTS	GTI
	d	L2	L	D														
BT2-R0.50-D4	0.50	2	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R0.50-D6	0.50	2	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
BT2-R0.75-D4	0.75	3	50	4	▲	▲	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R0.75-D6	0.75	3	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
BT2-R1.00-D4	1.00	4	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R1.00-D6	1.00	4	50	6	▲	▲	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R1.25-D4	1.25	5	50	4	▲	▲	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R1.25-D6	1.25	5	50	6	○	○	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R1.50-D3	1.50	6	50	3	▲	▲	▲	▲	▲	○	○	○	○	○	○	○	○	○
BT2-R1.50-D4	1.50	6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R1.50-D6	1.50	6	50	6	▲	▲	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R1.75-D4	1.75	7	50	4	▲	▲	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R1.75-D6	1.75	7	50	6	○	○	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R2.00-D4	2.00	8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R2.00-D6	2.00	8	50	6	▲	▲	○	○	○	○	○	○	○	○	○	○	○	○
BT2-R2.50-D5	2.50	10	50	5	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R2.50-D6	2.50	10	50	6	○	○	▲	▲	▲	▲	○	○	○	○	○	○	○	○
BT2-R3.00-D6	3.00	9	50	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R4.00-D8	4.00	12	60	8	▲	▲	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R5.00-D10	5.00	15	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R6.00-D12	6.00	18	75	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R8.00-D16	8.00	24	100	16	▲	▲	○	○	○	○	▲	▲	▲	▲	▲	▲	▲	▲
BT2-R10.0-D20	10.0	30	100	20	○	○	○	○	○	○	▲	▲	▲	▲	▲	○	○	○

订货示例: BT2-R1.00-D4:R650BT2-R1.00-D4 1.00*4*50L*4D*2T Ordering Example: BT2-R1.00-D4:R650BT2-R1.00-D4 1.00*4*50L*4D*2T

2刃加长球刀 Long Shank 2 Flutes Ball Nose End Mill

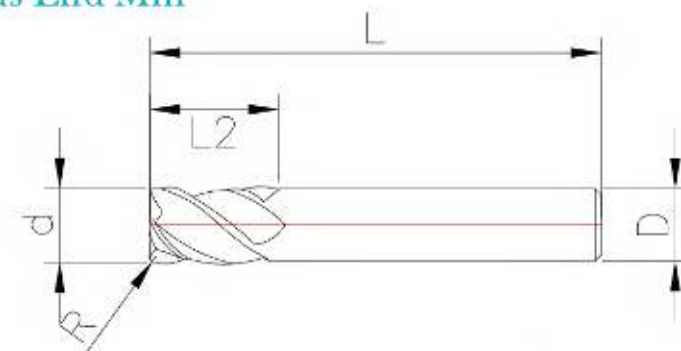


型号 Designation		尺寸 Size				R998	R900	R700	R650	R600	UST	R550	R500	AL700	TL700	AL550	TL550	SUS	GTS	GTI
		d	L2	L	D															
BLS2-R0.50-D4	0.5*2*75L*4D*2T	0.5	2.0	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLS2-R0.50-D6	0.5*2*75L*6D*2T	0.5	2.0	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLS2-R0.75-D4	0.75*3*75L*4D*2T	0.75	3.0	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLS2-R0.75-D6	0.75*3*75L*6D*2T	0.75	3.0	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLS2-R1.00-D4	1.0*4*75L*4D*2T	1.0	4.0	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLS2-R1.00-D6	1.0*4*75L*6D*2T	1.0	4.0	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLS2-R1.50-D3	1.5*6*75L*3D*2T	1.5	6.0	75	3	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLS2-R1.50-D4	1.5*6*75L*4D*2T	1.5	6.0	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLS2-R1.50-D6	1.5*6*75L*6D*2T	1.5	6.0	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLS2-R2.00-D4	2.0*8*75L*4D*2T	2.0	8.0	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLS2-R2.00-D6	2.0*8*75L*6D*2T	2.0	8.0	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLS2-R2.50-D5	2.5*10*75L*5D*2T	2.5	10.0	75	5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLS2-R2.50-D6	2.5*10*75L*6D*2T	2.5	10.0	75	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLS2-R3.00-D6	3.0*12*75L*6D*2T	3.0	12.0	75	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLS2-R4.00-D8	4.0*16*75L*8D*2T	4.0	16.0	75	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R0.50-D4	0.5*2*100L*4D*2T	0.5	2.0	100	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R0.75-D4	0.75*3*100L*4D*2T	0.75	3.0	100	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLF2-R1.00-D4	1.0*4*100L*4D*2T	1.0	4.0	100	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R1.50-D4	1.5*6*100L*4D*2T	1.5	6.0	100	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R2.00-D4	2.0*8*100L*4D*2T	2.0	8.0	100	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R2.50-D6	2.5*10*100L*6D*2T	2.5	10.0	100	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R3.00-D6	3.0*12*100L*6D*2T	3.0	12.0	100	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R4.00-D8	4.0*16*100L*8D*2T	4.0	16.0	100	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R5.00-D10	5.0*20*100L*10D*2T	5.0	20.0	100	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLF2-R6.00-D12	6.0*24*100L*12D*2T	6.0	24.0	150	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLJ2-R3.00-D6	3.0*12*150L*6D*2T	3.0	12.0	150	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLJ2-R4.00-D8	4.0*16*150L*8D*2T	4.0	16.0	150	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLJ2-R5.00-D10	5.0*20*150L*10D*2T	5.0	20.0	150	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLJ2-R6.00-D12	6.0*24*150L*12D*2T	6.0	24.0	150	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	○	○
BLJ2-R8.00-D16	8.0*32*150L*16D*2T	8.0	32.0	150	16	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLK2-R4.00-D8	4.0*16*200L*8D*2T	4.0	16.0	200	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLK2-R5.00-D10	5.0*20*200L*10D*2T	5.0	20.0	200	10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLK2-R6.00-D12	6.0*24*200L*12D*2T	6.0	24.0	200	12	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BLK2-R8.00-D16	8.0*32*200L*16D*2T	8.0	32.0	200	16	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

订货示例: BLS2-R1.00-D4; R650BLS2-R1.00-D4 Ordering Example: BLS2-R1.00-D4; R650BLS2-R1.00-D4 1.0*4*75L*4D*2T 1.0*4*75L*4D*2T

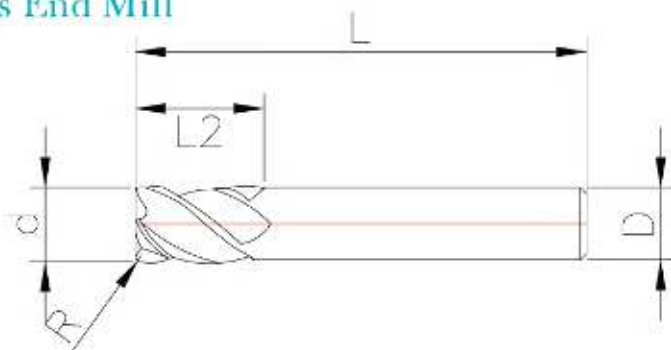
<http://www.sandhogtools.com/E057/>

4刃圆鼻刀 4 Flutes Corner Radius End Mill



型号 Designation		尺寸 Size					R998	R900	R700	R650	R600	UST	R550	AL700	TL700	AL550	TL550	SUS	GTS	GTI
		d	R	L2	L	D														
NC4-010-005-D4	1.0*0.05*2*50L*4D	1.0	0.05	2	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-010-01-D4	1.0*0.1*2*50L*4D	1.0	0.1	2	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-010-02-D4	1.0*0.2*2*50L*4D	1.0	0.2	2	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-010-03-D4	1.0*0.3*2*50L*4D	1.0	0.3	2	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-015-01-D4	1.5*0.1*3*50L*4D	1.5	0.1	3	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-015-02-D4	1.5*0.2*3*50L*4D	1.5	0.2	3	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-020-01-D4	2.0*0.1*4*50L*4D	1.5	0.1	4	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-020-02-D4	2.0*0.2*4*50L*4D	2.0	0.2	4	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-020-03-D4	2.0*0.3*4*50L*4D	2.0	0.3	4	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-020-05-D4	2.0*0.5*4*50L*4D	2.0	0.5	4	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-030-02-D3	3.0*0.2*6*50L*3D	2.0	0.2	6	50	3	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-030-03-D3	3.0*0.3*6*50L*3D	3.0	0.3	6	50	3	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-030-06-D3	3.0*0.5*6*50L*3D	3.0	0.5	6	50	3	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-030-01-D4	3.0*0.1*6*50L*4D	3.0	0.1	6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-030-02-D4	3.0*0.2*6*50L*4D	3.0	0.2	6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-030-03-D4	3.0*0.3*6*50L*4D	3.0	.3	6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-030-05-D4	3.0*0.5*6*50L*4D	3.0	0.5	6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-030-10-D4	3.0*1.0*6*50L*4D	3.0	1.0	6	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-040-01-D4	4.0*0.1*8*50L*4D	4.0	0.1	8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-040-02-D4	4.0*0.2*8*50L*4D	4.0	0.2	8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-040-03-D4	4.0*0.3*8*50L*4D	4.0	0.3	8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-040-05-D4	4.0*0.5*8*50L*4D	4.0	0.5	8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-040-10-D4	4.0*1.0*8*50L*4D	4.0	1.0	8	50	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-040-01-D6	4.0*0.1*8*50L*6D	4.0	0.1	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-040-02-D6	4.0*0.2*8*50L*6D	4.0	0.2	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-040-03-D6	4.0*0.3*8*50L*6D	4.0	0.3	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-040-05-D6	4.0*0.5*8*50L*6D	4.0	0.5	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-040-10-D6	4.0*1.0*8*50L*6D	4.0	1.0	8	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-050-02-D5	5.0*0.2*10*50L*5D	4.0	0.2	10	50	5	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-050-05-D5	5.0*0.5*10*50L*5D	4.0	0.5	10	50	5	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-050-10-D5	5.0*1.0*10*50L*5D	4.0	1.0	10	50	5	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-050-02-D6	5.0*0.2*10*50L*6D	5.0	0.2	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-050-05-D6	5.0*0.5*10*50L*6D	5.0	0.5	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-050-10-D6	5.0*1.0*10*50L*6D	5.0	1.0	10	50	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NC4-060-02-D6	6.0*0.2*12*50L*6D	6.0	0.2	12	50	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-060-03-D6	6.0*0.3*12*50L*6D	6.0	0.3	12	50	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-060-05-D6	6.0*0.5*12*50L*6D	6.0	0.5	12	50	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-060-10-D6	6.0*1.0*12*50L*6D	6.0	1.0	12	50	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-060-20-D6	6.0*2.0*12*50L*6D	6.0	2.0	12	50	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

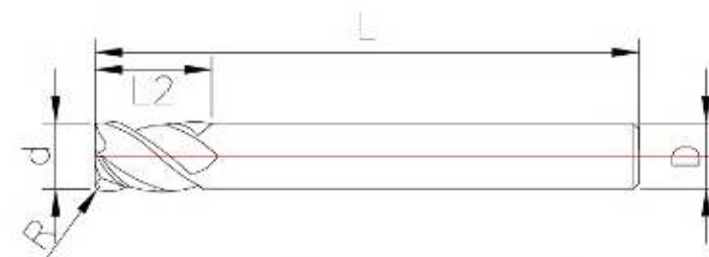
4刃圆鼻刀 4 Flutes Corner Radius End Mill



型号 Designation		尺寸 Size					R978	R970	R700	R660	R600	UST	R550	R500	AL700	TL700	AL550	TL550	SUS	GTS	GTI
		φ	R	L2	L	D															
NC4-080-02-D8	8.0*0.2*16*60L*8D	8.0	0.2	16	60	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-080-03-D8	8.0*0.3*16*60L*8D	8.0	0.3	16	60	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-080-05-D8	8.0*0.5*16*60L*8D	8.0	0.5	16	60	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-080-10-D8	8.0*1.0*16*60L*8D	8.0	1.0	16	60	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-080-15-D8	8.0*1.5*16*60L*8D	8.0	1.5	16	60	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-080-20-D8	8.0*2.0*16*60L*8D	8.0	2.0	16	60	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-100-02-D10	10*0.2*20*75L*10D	10.0	0.2	20	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-100-03-D10	10*0.3*20*75L*10D	10.0	0.3	20	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-100-05-D10	10*0.5*20*75L*10D	10.0	0.5	20	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-100-10-D10	10*1.0*20*75L*10D	10.0	1.0	20	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-100-15-D10	10*1.5*20*75L*10D	10.0	1.5	20	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-100-20-D10	10*2.0*20*75L*10D	10.0	2.0	20	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-100-30-D10	10*3.0*20*75L*10D	10.0	3.0	20	75	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-120-10-D12	12*1.0*24*75L*12D	12.0	1.0	24	75	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-120-15-D12	12*1.5*24*75L*12D	12.0	1.5	24	75	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-120-20-D12	12*2.0*24*75L*12D	12.0	2.0	24	75	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NC4-120-30-D12	12*3.0*24*75L*12D	12.0	3.0	24	75	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

订货示例: NC4-010-03-D4: R650 NC4-010-03-D41.0*0.3*2*501*4D Ordering Example: NC4-010-03-D4: R650 NC4-010-03-D41.0*0.3*2*501*4D

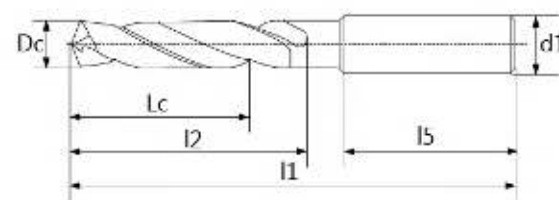
4刃加长圆鼻刀 Long Shank 4 Flutes Corner Radius End Mill



型号 Designation		尺寸 Size					R978	R970	R700	R650	R600	UST	R550	R500	AL700	TL700	AL550	TL550	SUS	GTS	GTI
		d	R	L2	L	D															
NCL4-020-02-04	2.0*0.2*6*75L*4D	2.0	0.2	6	75	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCL4-030-02-04	3.0*0.2*8*75L*4D	3.0	0.2	8	75	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCL4-030-05-D4	3.0*0.5*8*75L*4D	3.0	0.5	8	75	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCL4-040-02-04	4.0*0.2*11*75L*4D	4.0	0.2	11	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-040-05-D4	4.0*0.5*11*75L*4D	4.0	0.5	11	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-040-05-06	4.0*0.5*11*75L*6D	4.0	0.5	11	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCL4-040-10-D4	4.0*1.0*11*75L*4D	4.0	1.0	11	75	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-060-02-06	6.0*0.2*12*75L*6D	6.0	0.2	12	75	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-060-03-D6	6.0*0.3*12*75L*6D	6.0	0.3	12	75	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCL4-060-05-06	6.0*0.5*12*75L*6D	6.0	0.5	12	75	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-060-10-D6	6.0*1.0*12*75L*6D	6.0	1.0	12	75	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-080-02-08	8.0*0.2*16*75L*8D	8.0	0.2	16	75	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-080-03-D8	8.0*0.3*16*75L*8D	8.0	0.3	16	75	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCL4-080-05-D8	8.0*0.5*16*75L*8D	8.0	0.5	16	75	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-080-10-D8	8.0*1.0*16*75L*8D	8.0	1.0	16	75	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCL4-080-20-D8	8.0*2.0*16*75L*8D	8.0	2.0	16	75	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCF4-040-02-D4	4.0*0.2*11*100L*4D	4.0	0.2	11	100	4	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCF4-040-05-D4	4.0*0.5*11*100L*4D	4.0	0.5	11	100	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-040-10-D4	4.0*1.0*11*100L*4D	4.0	1.0	11	100	4	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-060-02-06	6.0*0.2*12*100L*6D	6.0	0.2	12	100	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCF4-060-05-D6	6.0*0.5*12*100L*6D	6.0	0.5	12	100	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-060-10-D6	6.0*1.0*12*100L*6D	6.0	1.0	12	100	6	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-080-02-D8	8.0*0.2*16*100L*8D	8.0	0.2	16	100	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCF4-080-05-D8	8.0*0.5*16*100L*8D	8.0	0.5	16	100	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-080-10-D8	8.0*1.0*16*100L*8D	8.0	1.0	16	100	8	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-100-02-D10	10*0.2*20*100L*10D	10.0	0.2	20	100	10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCF4-100-05-D10	10*0.5*20*100L*10D	10.0	0.5	20	100	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-100-10-D10	10*1.0*20*100L*10D	10.0	1.0	20	100	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-100-20-D10	10*2.0*20*100L*10D	10.0	2.0	20	100	10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCF4-120-05-D12	12*0.5*24*100L*12D	12.0	0.5	24	100	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCF4-120-10-D12	12*1.0*24*100L*12D	12.0	1.0	24	100	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCJ4-060-05-06	6.0*0.5*12*150L*6D	6.0	0.5	12	150	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCJ4-060-10-D6	6.0*1.0*12*150L*6D	6.0	1.0	12	150	6	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCJ4-080-05-08	8.0*0.5*35*150L*8D	8.0	0.5	35	150	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCJ4-080-10-D8	8.0*1.0*35*150L*8D	8.0	1.0	35	150	8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NCJ4-100-05-010	10*0.5*40*150L*10D	10.0	0.5	40	150	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCJ4-100-10-D10	10*1.0*40*150L*10D	10.0	1.0	40	150	10	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCJ4-120-05-012	12*0.5*45*150L*12D	12.0	0.5	50	150	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
NCJ4-120-10-D12	12*1.0*45*150L*12D	12.0	1.0	50	150	12	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

订货示例: NCL4-040-05-D4: R650 NCL4-040-05-D4 4.0*0.5*11*751*4D Ordering Example: NCL4-040-05-D4: R650 NCL4-040-05-D4 4.0*0.5*11*751*4D

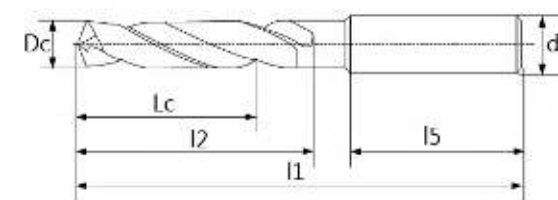
>> 外冷钨钢钻头 Tungsten Steel Without Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA3ST0100	1.00	12	62	4
DCA3ST0110	1.10	12	62	4
DCA3ST0120	1.20	12	62	4
DCA3ST0130	1.30	12	62	4
DCA3ST0140	1.40	12	62	4
DCA3ST0150	1.50	12	62	4
DCA3ST0160	1.60	12	62	4
DCA3ST0170	1.70	12	62	4
DCA3ST0180	1.80	12	62	4
DCA3ST0190	1.90	12	62	4
DCA3ST0200	2.00	16	62	4
DCA3ST0210	2.10	16	62	4
DCA3ST0220	2.20	16	62	4
DCA3ST0230	2.30	16	62	4
DCA3ST0240	2.40	16	62	4
DCA3ST0250	2.50	16	62	4
DCA3ST0260	2.60	16	62	4
DCA3ST0270	2.70	16	62	4
DCA3ST0280	2.80	16	62	4
DCA3ST0290	2.90	16	62	4
DCA3ST0300	3.00	20	62	4
DCA3ST0310	3.10	20	62	4
DCA3ST0320	3.20	20	62	4
DCA3ST0330	3.30	20	62	4
DCA3ST0340	3.40	20	62	4
DCA3ST0350	3.50	20	62	4
DCA3ST0360	3.60	20	62	4
DCA3ST0370	3.70	20	62	4
DCA3ST0380	3.80	24	66	4
DCA3ST0390	3.90	24	66	4
DCA3ST0400	4.00	24	66	4
DCA3ST0410	4.10	24	66	6
DCA3ST0420	4.20	24	66	6
DCA3ST0430	4.30	24	66	6
DCA3ST0440	4.40	24	66	6
DCA3ST0450	4.50	24	66	6
DCA3ST0460	4.60	24	66	6
DCA3ST0470	4.70	24	66	6
DCA3ST0480	4.80	28	66	6
DCA3ST0490	4.90	28	66	6
DCA3ST0500	5.00	28	66	6
DCA3ST0510	5.10	28	66	6
DCA3ST0520	5.20	28	66	6
DCA3ST0530	5.30	28	66	6

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA3ST0540	5.40	28	66	6
DCA3ST0550	5.50	28	66	6
DCA3ST0560	5.60	28	66	6
DCA3ST0570	5.70	28	66	6
DCA3ST0580	5.80	28	66	6
DCA3ST0590	5.90	28	66	6
DCA3ST0600	6.00	28	66	6
DCA3ST0610	6.10	34	79	8
DCA3ST0620	6.20	34	79	8
DCA3ST0630	6.30	34	79	8
DCA3ST0640	6.40	34	79	8
DCA3ST0650	6.50	34	79	8
DCA3ST0660	6.60	34	79	8
DCA3ST0670	6.70	34	79	8
DCA3ST0680	6.80	34	79	8
DCA3ST0690	6.90	34	79	8
DCA3ST0700	7.00	34	79	8
DCA3ST0710	7.10	41	79	8
DCA3ST0720	7.20	41	79	8
DCA3ST0730	7.30	41	79	8
DCA3ST0740	7.40	41	79	8
DCA3ST0750	7.50	41	79	8
DCA3ST0760	7.60	41	79	8
DCA3ST0770	7.70	41	79	8
DCA3ST0780	7.80	41	79	8
DCA3ST0790	7.90	41	79	8
DCA3ST0800	8.00	41	79	8
DCA3ST0810	8.10	47	89	10
DCA3ST0820	8.20	47	89	10
DCA3ST0830	8.30	47	89	10
DCA3ST0840	8.40	47	89	10
DCA3ST0850	8.50	47	89	10
DCA3ST0860	8.60	47	89	10
DCA3ST0870	8.70	47	89	10
DCA3ST0880	8.80	47	89	10
DCA3ST0890	8.90	47	89	10
DCA3ST0900	9.00	47	89	10
DCA3ST0910	9.10	47	89	10
DCA3ST0920	9.20	47	89	10
DCA3ST0930	9.30	47	89	10
DCA3ST0940	9.40	47	89	10
DCA3ST0950	9.50	47	89	10
DCA3ST0960	9.60	47	89	10
DCA3ST0970	9.70	47	89	10

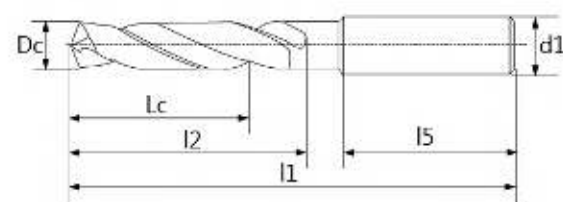
>> 外冷钨钢钻头 Tungsten Steel Without Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA3ST0980	9.80	47	89	10
DCA3ST0990	9.90	47	89	10
DCA3ST1000	10.0	47	89	10
DCA3ST1010	10.1	55	102	12
DCA3ST1020	10.2	55	102	12
DCA3ST1030	10.3	55	102	12
DCA3ST1040	10.4	55	102	12
DCA3ST1050	10.5	55	102	12
DCA3ST1060	10.6	55	102	12
DCA3ST1070	10.7	55	102	12
DCA3ST1080	10.8	55	102	12
DCA3ST1090	10.9	55	102	12
DCA3ST1100	11.0	55	102	12
DCA3ST1110	11.1	55	102	12
DCA3ST1120	11.2	55	102	12
DCA3ST1130	11.3	55	102	12
DCA3ST1140	11.4	55	102	12
DCA3ST1150	11.5	55	102	12
DCA3ST1160	11.6	55	102	12
DCA3ST1170	11.7	55	102	12
DCA3ST1180	11.8	55	102	12
DCA3ST1190	11.9	55	102	12
DCA3ST1200	12.0	60	107	14
DCA3ST1210	12.1	60	107	14
DCA3ST1220	12.2	60	107	14
DCA3ST1230	12.3	60	107	14
DCA3ST1240	12.4	60	107	14
DCA3ST1250	12.5	60	107	14
DCA3ST1260	12.6	60	107	14
DCA3ST1270	12.7	60	107	14
DCA3ST1280	12.8	60	107	14
DCA3ST1290	12.9	60	107	14
DCA3ST1300	13.0	60	107	14
DCA3ST1310	13.1	60	107	14
DCA3ST1320	13.2	60	107	14
DCA3ST1330	13.3	60	107	14
DCA3ST1340	13.4	60	107	14
DCA3ST1350	13.5	60	107	14
DCA3ST1360	13.6	60	107	14
DCA3ST1370	13.7	60	107	14
DCA3ST1380	13.8	60	107	14
DCA3ST1390	13.9	60	107	14
DCA3ST1400	14.0	60	107	14
DCA3ST1410	14.1	65	115	16

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA3ST1420	14.2	65	115	16
DCA3ST1430	14.3	65	115	16
DCA3ST1440	14.4	65	115	16
DCA3ST1450	14.5	65	115	16
DCA3ST1460	14.6	65	115	16
DCA3ST1470	14.7	65	115	16
DCA3ST1480	14.8	65	115	16
DCA3ST1490	14.9	65	115	16
DCA3ST1500	15.0	65	115	16
DCA3ST1510	15.1	65	115	16
DCA3ST1520	15.2	65	115	16
DCA3ST1530	15.3	65	115	16
DCA3ST1540	15.4	65	115	16
DCA3ST1550	15.5	65	115	16
DCA3ST1560	15.6	65	115	16
DCA3ST1570	15.7	65	115	16
DCA3ST1580	15.8	65	115	16
DCA3ST1590	15.9	65	115	16
DCA3ST1600	16.0	65	115	16
DCA3ST1610	16.1	73	123	18
DCA3ST1620	16.2	73	123	18
DCA3ST1630	16.3	73	123	18
DCA3ST1640	16.4	73	123	18
DCA3ST1650	16.5	73	123	18
DCA3ST1660	16.6	73	123	18
DCA3ST1670	16.7	73	123	18
DCA3ST1680	16.8	73	123	18
DCA3ST1690	16.9	73	123	18
DCA3ST1700	17.0	73	123	18
DCA3ST1710	17.1	73	123	18
DCA3ST1720	17.2	73	123	18
DCA3ST1730	17.3	73	123	18
DCA3ST1740	17.4	73	123	18
DCA3ST1750	17.5	73	123	18
DCA3ST1760	17.6	73	123	18
DCA3ST1770	17.7	73	123	18
DCA3ST1780	17.8	73	123	18
DCA3ST1790	17.9	73	123	18
DCA3ST1800	18.0	73	123	18
DCA3ST1810	18.1	79	131	20
DCA3ST1820	18.2	79	131	20
DCA3ST1830	18.3	79	131	20
DCA3ST1840	18.4	79	131	20
DCA3ST1850	18.5	79	131	20

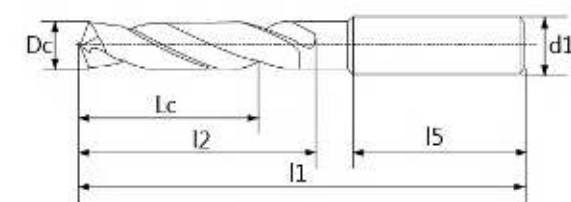
外冷钨钢钻头 Tungsten Steel Without Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA5SF0100	1.00	20	66	4
DCA5SF0110	1.10	20	66	4
DCA5SF0120	1.20	20	66	4
DCA5SF0130	1.30	20	66	4
DCA5SF0140	1.40	20	66	4
DCA5SF0150	1.50	20	66	4
DCA5SF0160	1.60	20	66	4
DCA5SF0170	1.70	20	66	4
DCA5SF0180	1.80	20	66	4
DCA5SF0190	1.90	20	66	4
DCA5SF0200	2.00	24	66	4
DCA5SF0210	2.10	24	66	4
DCA5SF0220	2.20	24	66	4
DCA5SF0230	2.30	24	66	4
DCA5SF0240	2.40	24	66	4
DCA5SF0250	2.50	24	66	4
DCA5SF0260	2.60	24	66	4
DCA5SF0270	2.70	24	66	4
DCA5SF0280	2.80	24	66	4
DCA5SF0290	2.90	24	66	4
DCA5SF0300	3.00	28	66	4
DCA5SF0310	3.10	28	66	4
DCA5SF0320	3.20	28	66	4
DCA5SF0330	3.30	28	66	4
DCA5SF0340	3.40	28	66	4
DCA5SF0350	3.50	28	66	4
DCA5SF0360	3.60	28	66	4
DCA5SF0370	3.70	28	66	4
DCA5SF0380	3.80	36	74	4
DCA5SF0390	3.90	36	74	4
DCA5SF0400	4.00	36	74	4
DCA5SF0410	4.10	36	74	6
DCA5SF0420	4.20	36	74	6
DCA5SF0430	4.30	36	74	6
DCA5SF0440	4.40	36	74	6
DCA5SF0450	4.50	36	74	6
DCA5SF0460	4.60	36	74	6
DCA5SF0470	4.70	36	74	6
DCA5SF0480	4.80	44	82	6
DCA5SF0490	4.90	44	82	6
DCA5SF0500	5.00	44	82	6
DCA5SF0510	5.10	44	82	6
DCA5SF0520	5.20	44	82	6
DCA5SF0530	5.30	44	82	6

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA5SF0540	5.40	44	82	6
DCA5SF0550	5.50	44	82	6
DCA5SF0560	5.60	44	82	6
DCA5SF0570	5.70	44	82	6
DCA5SF0580	5.80	44	82	6
DCA5SF0590	5.90	44	82	6
DCA5SF0600	6.00	44	82	6
DCA5SF0610	6.10	53	91	8
DCA5SF0620	6.20	53	91	8
DCA5SF0630	6.30	53	91	8
DCA5SF0640	6.40	53	91	8
DCA5SF0650	6.50	53	91	8
DCA5SF0660	6.60	53	91	8
DCA5SF0670	6.70	53	91	8
DCA5SF0680	6.80	53	91	8
DCA5SF0690	6.90	53	91	8
DCA5SF0700	7.00	53	91	8
DCA5SF0710	7.10	53	91	8
DCA5SF0720	7.20	53	91	8
DCA5SF0730	7.30	53	91	8
DCA5SF0740	7.40	53	91	8
DCA5SF0750	7.50	53	91	8
DCA5SF0760	7.60	53	91	8
DCA5SF0770	7.70	53	91	8
DCA5SF0780	7.80	53	91	8
DCA5SF0790	7.90	53	91	8
DCA5SF0800	8.00	53	91	8
DCA5SF0810	8.10	61	103	10
DCA5SF0820	8.20	61	103	10
DCA5SF0830	8.30	61	103	10
DCA5SF0840	8.40	61	103	10
DCA5SF0850	8.50	61	103	10
DCA5SF0860	8.60	61	103	10
DCA5SF0870	8.70	61	103	10
DCA5SF0880	8.80	61	103	10
DCA5SF0890	8.90	61	103	10
DCA5SF0900	9.00	61	103	10
DCA5SF0910	9.10	61	103	10
DCA5SF0920	9.20	61	103	10
DCA5SF0930	9.30	61	103	10
DCA5SF0940	9.40	61	103	10
DCA5SF0950	9.50	61	103	10
DCA5SF0960	9.60	61	103	10
DCA5SF0970	9.70	61	103	10

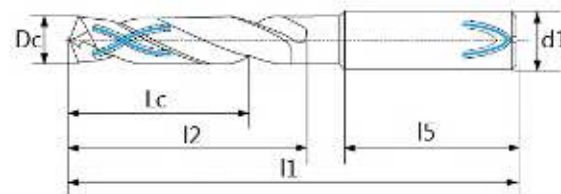
外冷钨钢钻头 Tungsten Steel Without Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA5SF0980	9.80	61	103	10
DCA5SF0990	9.90	61	103	10
DCA5SF1000	10.0	61	103	10
DCA5SF1010	10.1	71	118	12
DCA5SF1020	10.2	71	118	12
DCA5SF1030	10.3	71	118	12
DCA5SF1040	10.4	71	118	12
DCA5SF1050	10.5	71	118	12
DCA5SF1060	10.6	71	118	12
DCA5SF1070	10.7	71	118	12
DCA5SF1080	10.8	71	118	12
DCA5SF1090	10.9	71	118	12
DCA5SF1100	11.0	71	118	12
DCA5SF1110	11.1	71	118	12
DCA5SF1120	11.2	71	118	12
DCA5SF1130	11.3	71	118	12
DCA5SF1140	11.4	71	118	12
DCA5SF1150	11.5	71	118	12
DCA5SF1160	11.6	71	118	12
DCA5SF1170	11.7	71	118	12
DCA5SF1180	11.8	71	118	12
DCA5SF1190	11.9	71	118	12
DCA5SF1200	12.0	71	118	12
DCA5SF1210	12.1	77	124	14
DCA5SF1220	12.2	77	124	14
DCA5SF1230	12.3	77	124	14
DCA5SF1240	12.4	77	124	14
DCA5SF1250	12.5	77	124	14
DCA5SF1260	12.6	77	124	14
DCA5SF1270	12.7	77	124	14
DCA5SF1280	12.8	77	124	14
DCA5SF1290	12.9	77	124	14
DCA5SF1300	13.0	77	124	14
DCA5SF1310	13.1	77	124	14
DCA5SF1320	13.2	77	124	14
DCA5SF1330	13.3	77	124	14
DCA5SF1340	13.4	77	124	14
DCA5SF1350	13.5	77	124	14
DCA5SF1360	13.6	77	124	14
DCA5SF1370	13.7	77	124	14
DCA5SF1380	13.8	77	124	14
DCA5SF1390	13.9	77	124	14
DCA5SF1400	14.0	77	124	14
DCA5SF1410	14.1	83	133	16

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCA5SF1420	14.2	83	133	16
DCA5SF1430	14.3	83	133	16
DCA5SF1440	14.4	83	133	16
DCA5SF1450	14.5	83	133	16
DCA5SF1460	14.6	83	133	16
DCA5SF1470	14.7	83	133	16
DCA5SF1480	14.8	83	133	16
DCA5SF1490	14.9	83	133	16
DCA5SF1500	15.0	83	133	16
DCA5SF1510	15.1	83	133	16
DCA5SF1520	15.2	83	133	16
DCA5SF1530	15.3	83	133	16
DCA5SF1540	15.4	83	133	16
DCA5SF1550	15.5	83	133	16
DCA5SF1560	15.6	83	133	16
DCA5SF1570	15.7	83	133	16
DCA5SF1580	15.8	83	133	16
DCA5SF1590	15.9	83	133	16
DCA5SF1600	16.0	83	133	16
DCA5SF1610	16.1	93	143	18
DCA5SF1620	16.2	93	143	18
DCA5SF1630	16.3	93	143	18
DCA5SF1640	16.4	93	143	18
DCA5SF1650	16.5	93	143	18
DCA5SF1660	16.6	93	143	18
DCA5SF1670	16.7	93	143	18
DCA5SF1680	16.8	93	143	18
DCA5SF1690	16.9	93	143	18
DCA5SF1700	17.0	93	143	18
DCA5SF1710	17.1	93	143	18
DCA5SF1720	17.2	93	143	18
DCA5SF1730	17.3	93	143	18
DCA5SF1740	17.4	93	143	18
DCA5SF1750	17.5	93	143	18
DCA5SF1760	17.6	93	143	18
DCA5SF1770	17.7	93	143	18
DCA5SF1780	17.8	93	143	18
DCA5SF1790	17.9	93	143	18
DCA5SF1800	18.0	93	143	18
DCA5SF1810	18.1	101	153	20
DCA5SF1820	18.2	101	153	20
DCA5SF1830	18.3	101	153	20
DCA5SF1840	18.4	101	153	20
DCA5SF1850	18.5	101	153	20

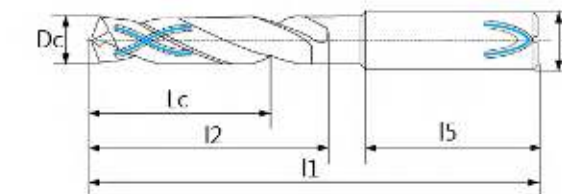
>>> 内冷钨钢钻头 Tungsten Steel With Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT3ST0100	1.00	12	62	4
DCT3ST0110	1.10	12	62	4
DCT3ST0120	1.20	12	62	4
DCT3ST0130	1.30	12	62	4
DCT3ST0140	1.40	12	62	4
DCT3ST0150	1.50	12	62	4
DCT3ST0160	1.60	12	62	4
DCT3ST0170	1.70	12	62	4
DCT3ST0180	1.80	12	62	4
DCT3ST0190	1.90	12	62	4
DCT3ST0200	2.00	16	62	4
DCT3ST0210	2.10	16	62	4
DCT3ST0220	2.20	16	62	4
DCT3ST0230	2.30	16	62	4
DCT3ST0240	2.40	16	62	4
DCT3ST0250	2.50	16	62	4
DCT3ST0260	2.60	16	62	4
DCT3ST0270	2.70	16	62	4
DCT3ST0280	2.80	16	62	4
DCT3ST0290	2.90	16	62	4
DCT3ST0300	3.00	20	62	4
DCT3ST0310	3.10	20	62	4
DCT3ST0320	3.20	20	62	4
DCT3ST0330	3.30	20	62	4
DCT3ST0340	3.40	20	62	4
DCT3ST0350	3.50	20	62	4
DCT3ST0360	3.60	20	62	4
DCT3ST0370	3.70	20	62	4
DCT3ST0380	3.80	24	66	4
DCT3ST0390	3.90	24	66	4
DCT3ST0400	4.00	24	66	4
DCT3ST0410	4.10	24	66	6
DCT3ST0420	4.20	24	66	6
DCT3ST0430	4.30	24	66	6
DCT3ST0440	4.40	24	66	6
DCT3ST0450	4.50	24	66	6
DCT3ST0460	4.60	24	66	6
DCT3ST0470	4.70	24	66	6
DCT3ST0480	4.80	28	66	6
DCT3ST0490	4.90	28	66	6
DCT3ST0500	5.00	28	66	6
DCT3ST0510	5.10	28	66	6
DCT3ST0520	5.20	28	66	6
DCT3ST0530	5.30	28	66	6

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT3ST0540	5.40	28	66	6
DCT3ST0550	5.50	28	66	6
DCT3ST0560	5.60	28	66	6
DCT3ST0570	5.70	28	66	6
DCT3ST0580	5.80	28	66	6
DCT3ST0590	5.90	28	66	6
DCT3ST0600	6.00	28	66	6
DCT3ST0610	6.10	34	79	8
DCT3ST0620	6.20	34	79	8
DCT3ST0630	6.30	34	79	8
DCT3ST0640	6.40	34	79	8
DCT3ST0650	6.50	34	79	8
DCT3ST0660	6.60	34	79	8
DCT3ST0670	6.70	34	79	8
DCT3ST0680	6.80	34	79	8
DCT3ST0690	6.90	34	79	8
DCT3ST0700	7.00	34	79	8
DCT3ST0710	7.10	41	79	8
DCT3ST0720	7.20	41	79	8
DCT3ST0730	7.30	41	79	8
DCT3ST0740	7.40	41	79	8
DCT3ST0750	7.50	41	79	8
DCT3ST0760	7.60	41	79	8
DCT3ST0770	7.70	41	79	8
DCT3ST0780	7.80	41	79	8
DCT3ST0790	7.90	41	79	8
DCT3ST0800	8.00	41	79	8
DCT3ST0810	8.10	47	89	10
DCT3ST0820	8.20	47	89	10
DCT3ST0830	8.30	47	89	10
DCT3ST0840	8.40	47	89	10
DCT3ST0850	8.50	47	89	10
DCT3ST0860	8.60	47	89	10
DCT3ST0870	8.70	47	89	10
DCT3ST0880	8.80	47	89	10
DCT3ST0890	8.90	47	89	10
DCT3ST0900	9.00	47	89	10
DCT3ST0910	9.10	47	89	10
DCT3ST0920	9.20	47	89	10
DCT3ST0930	9.30	47	89	10
DCT3ST0940	9.40	47	89	10
DCT3ST0950	9.50	47	89	10
DCT3ST0960	9.60	47	89	10
DCT3ST0970	9.70	47	89	10

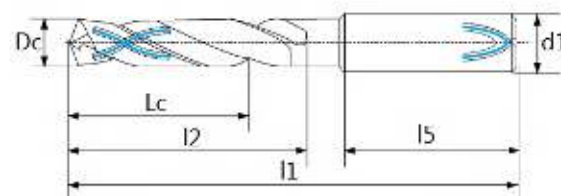
>>> 内冷钨钢钻头 Tungsten Steel With Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT3ST0980	9.80	47	89	10
DCT3ST0990	9.90	47	89	10
DCT3ST1000	10.0	47	89	10
DCT3ST1010	10.1	55	102	12
DCT3ST1020	10.2	55	102	12
DCT3ST1030	10.3	55	102	12
DCT3ST1040	10.4	55	102	12
DCT3ST1050	10.5	55	102	12
DCT3ST1060	10.6	55	102	12
DCT3ST1070	10.7	55	102	12
DCT3ST1080	10.8	55	102	12
DCT3ST1090	10.9	55	102	12
DCT3ST1100	11.0	55	102	12
DCT3ST1110	11.1	55	102	12
DCT3ST1120	11.2	55	102	12
DCT3ST1130	11.3	55	102	12
DCT3ST1140	11.4	55	102	12
DCT3ST1150	11.5	55	102	12
DCT3ST1160	11.6	55	102	12
DCT3ST1170	11.7	55	102	12
DCT3ST1180	11.8	55	102	12
DCT3ST1190	11.9	55	102	12
DCT3ST1200	12.0	55	102	12
DCT3ST1210	12.1	60	107	14
DCT3ST1220	12.2	60	107	14
DCT3ST1230	12.3	60	107	14
DCT3ST1240	12.4	60	107	14
DCT3ST1250	12.5	60	107	14
DCT3ST1260	12.6	60	107	14
DCT3ST1270	12.7	60	107	14
DCT3ST1280	12.8	60	107	14
DCT3ST1290	12.9	60	107	14
DCT3ST1300	13.0	60	107	14
DCT3ST1310	13.1	60	107	14
DCT3ST1320	13.2	60	107	14
DCT3ST1330	13.3	60	107	14
DCT3ST1340	13.4	60	107	14
DCT3ST1350	13.5	60	107	14
DCT3ST1360	13.6	60	107	14
DCT3ST1370	13.7	60	107	14
DCT3ST1380	13.8	60	107	14
DCT3ST1390	13.9	60	107	14
DCT3ST1400	14.0	60	107	14
DCT3ST1410	14.1	65	115	16

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT3ST1420	14.2	65	115	16
DCT3ST1430	14.3	65	115	16
DCT3ST1440	14.4	65	115	16
DCT3ST1450	14.5	65	115	16
DCT3ST1460	14.6	65	115	16
DCT3ST1470	14.7	65	115	16
DCT3ST1480	14.8	65	115	16
DCT3ST1490	14.9	65	115	16
DCT3ST1500	15.0	65	115	16
DCT3ST1510	15.1	65	115	16
DCT3ST1520	15.2	65	115	16
DCT3ST1530	15.3	65	115	16
DCT3ST1540	15.4	65	115	16
DCT3ST1550	15.5	65	115	16
DCT3ST1560	15.6	65	115	16
DCT3ST1570	15.7	65	115	16
DCT3ST1580	15.8	65	115	16
DCT3ST1590	15.9	65	115	16
DCT3ST1600	16.0	65	115	16
DCT3ST1610	16.1	73	123	18
DCT3ST1620	16.2	73	123	18
DCT3ST1630	16.3	73	123	18
DCT3ST1640	16.4	73	123	18
DCT3ST1650	16.5	73	123	18
DCT3ST1660	16.6	73	123	18
DCT3ST1670	16.7	73	123	18
DCT3ST1680	16.8	73	123	18
DCT3ST1690	16.9	73	123	18
DCT3ST1700	17.0	73	123	18
DCT3ST1710	17.1	73	123	18
DCT3ST1720	17.2	73	123	18
DCT3ST1730	17.3	73	123	18
DCT3ST1740	17.4	73	123	18
DCT3ST1750	17.5	73	123	18
DCT3ST1760	17.6	73	123	18
DCT3ST1770	17.7	73	123	18
DCT3ST1780	17.8	73	123	18
DCT3ST1790	17.9	73	123	18
DCT3ST1800	18.0	73	123	18
DCT3ST1810	18.1	79	131	20
DCT3ST1820	18.2	79	131	20
DCT3ST1830	18.3	79	131	20
DCT3ST1840	18.4	79	131	20
DCT3ST1850	18.5	79	131	20

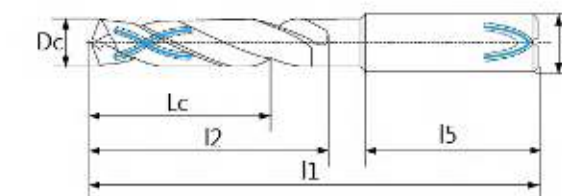
>>> 内冷钨钢钻头 Tungsten Steel With Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT5SF0100	1.00	20	66	4
DCT5SF0110	1.10	20	66	4
DCT5SF0120	1.20	20	66	4
DCT5SF0130	1.30	20	66	4
DCT5SF0140	1.40	20	66	4
DCT5SF0150	1.50	20	66	4
DCT5SF0160	1.60	20	66	4
DCT5SF0170	1.70	20	66	4
DCT5SF0180	1.80	20	66	4
DCT5SF0190	1.90	20	66	4
DCT5SF0200	2.00	24	66	4
DCT5SF0210	2.10	24	66	4
DCT5SF0220	2.20	24	66	4
DCT5SF0230	2.30	24	66	4
DCT5SF0240	2.40	24	66	4
DCT5SF0250	2.50	24	66	4
DCT5SF0260	2.60	24	66	4
DCT5SF0270	2.70	24	66	4
DCT5SF0280	2.80	24	66	4
DCT5SF0290	2.90	24	66	4
DCT5SF0300	3.00	28	66	4
DCT5SF0310	3.10	28	66	4
DCT5SF0320	3.20	28	66	4
DCT5SF0330	3.30	28	66	4
DCT5SF0340	3.40	28	66	4
DCT5SF0350	3.50	28	66	4
DCT5SF0360	3.60	28	66	4
DCT5SF0370	3.70	28	66	4
DCT5SF0380	3.80	36	74	4
DCT5SF0390	3.90	36	74	4
DCT5SF0400	4.00	36	74	4
DCT5SF0410	4.10	36	74	6
DCT5SF0420	4.20	36	74	6
DCT5SF0430	4.30	36	74	6
DCT5SF0440	4.40	36	74	6
DCT5SF0450	4.50	36	74	6
DCT5SF0460	4.60	36	74	6
DCT5SF0470	4.70	36	74	6
DCT5SF0480	4.80	44	82	6
DCT5SF0490	4.90	44	82	6
DCT5SF0500	5.00	44	82	6
DCT5SF0510	5.10	44	82	6
DCT5SF0520	5.20	44	82	6
DCT5SF0530	5.30	44	82	6

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT5SF0540	5.40	44	82	6
DCT5SF0550	5.50	44	82	6
DCT5SF0560	5.60	44	82	6
DCT5SF0570	5.70	44	82	6
DCT5SF0580	5.80	44	82	6
DCT5SF0590	5.90	44	82	6
DCT5SF0600	6.00	44	82	6
DCT5SF0610	6.10	53	91	8
DCT5SF0620	6.20	53	91	8
DCT5SF0630	6.30	53	91	8
DCT5SF0640	6.40	53	91	8
DCT5SF0650	6.50	53	91	8
DCT5SF0660	6.60	53	91	8
DCT5SF0670	6.70	53	91	8
DCT5SF0680	6.80	53	91	8
DCT5SF0690	6.90	53	91	8
DCT5SF0700	7.00	53	91	8
DCT5SF0710	7.10	53	91	8
DCT5SF0720	7.20	53	91	8
DCT5SF0730	7.30	53	91	8
DCT5SF0740	7.40	53	91	8
DCT5SF0750	7.50	53	91	8
DCT5SF0760	7.60	53	91	8
DCT5SF0770	7.70	53	91	8
DCT5SF0780	7.80	53	91	8
DCT5SF0790	7.90	53	91	8
DCT5SF0800	8.00	53	91	8
DCT5SF0810	8.10	61	103	10
DCT5SF0820	8.20	61	103	10
DCT5SF0830	8.30	61	103	10
DCT5SF0840	8.40	61	103	10
DCT5SF0850	8.50	61	103	10
DCT5SF0860	8.60	61	103	10
DCT5SF0870	8.70	61	103	10
DCT5SF0880	8.80	61	103	10
DCT5SF0890	8.90	61	103	10
DCT5SF0900	9.00	61	103	10
DCT5SF0910	9.10	61	103	10
DCT5SF0920	9.20	61	103	10
DCT5SF0930	9.30	61	103	10
DCT5SF0940	9.40	61	103	10
DCT5SF0950	9.50	61	103	10
DCT5SF0960	9.60	61	103	10
DCT5SF0970	9.70	61	103	10

>>> 内冷钨钢钻头 Tungsten Steel With Internal Coolant



型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT5SF0980	9.80	61	103	10
DCT5SF0990	9.90	61	103	10
DCT5SF1000	10.0	61	103	10
DCT5SF1010	10.1	71	118	12
DCT5SF1020	10.2	71	118	12
DCT5SF1030	10.3	71	118	12
DCT5SF1040	10.4	71	118	12
DCT5SF1050	10.5	71	118	12
DCT5SF1060	10.6	71	118	12
DCT5SF1070	10.7	71	118	12
DCT5SF1080	10.8	71	118	12
DCT5SF1090	10.9	71	118	12
DCT5SF1100	11.0	71	118	12
DCT5SF1110	11.1	71	118	12
DCT5SF1120	11.2	71	118	12
DCT5SF1130	11.3	71	118	12
DCT5SF1140	11.4	71	118	12
DCT5SF1150	11.5	71	118	12
DCT5SF1160	11.6	71	118	12
DCT5SF1170	11.7	71	118	12
DCT5SF1180	11.8	71	118	12
DCT5SF1190	11.9	71	118	12
DCT5SF1200	12.0	71	118	12
DCT5SF1210	12.1	77	124	14
DCT5SF1220	12.2	77	124	14
DCT5SF1230	12.3	77	124	14
DCT5SF1240	12.4	77	124	14
DCT5SF1250	12.5	77	124	14
DCT5SF1260	12.6	77	124	14
DCT5SF1270	12.7	77	124	14
DCT5SF1280	12.8	77	124	14
DCT5SF1290	12.9	77	124	14
DCT5SF1300	13.0	77	124	14
DCT5SF1310	13.1	77	124	14
DCT5SF1320	13.2	77	124	14
DCT5SF1330	13.3	77	124	14
DCT5SF1340	13.4	77	124	14
DCT5SF1350	13.5	77	124	14
DCT5SF1360	13.6	77	124	14
DCT5SF1370	13.7	77	124	14
DCT5SF1380	13.8	77	124	14
DCT5SF1390	13.9	77	124	14
DCT5SF1400	14.0	77	124	14
DCT5SF1410	14.1	83	133	16

型号 Designation	尺寸 Size			
	Dc	L2	L1	d1
DCT5SF1420	14.2	83	133	16
DCT5SF1430	14.3	83	133	16
DCT5SF1440	14.4	83	133	16
DCT5SF1450	14.5	83	133	16
DCT5SF1460	14.6	83	133	16
DCT5SF1470	14.7	83	133	16
DCT5SF1480	14.8	83	133	16
DCT5SF1490	14.9	83	133	16
DCT5SF1500	15.0	83	133	16
DCT5SF1510	15.1	83	133	16
DCT5SF1520	15.2	83	133	16
DCT5SF1530	15.3	83	133	16
DCT5SF1540	15.4	83	133	16
DCT5SF1550	15.5	83	133	16
DCT5SF1560	15.6	83	133	16
DCT5SF1570	15.7	83	133	16
DCT5SF1580	15.8	83	133	16
DCT5SF1590	15.9	83	133	16
DCT5SF1600	16.0	83	133	16
DCT5SF1610	16.1	93	143	18
DCT5SF1620	16.2	93	143	18
DCT5SF1630	16.3	93	143	18
DCT5SF1640	16.4	93	143	18
DCT5SF1650	16.5	93	143	18
DCT5SF1660	16.6	93	143	18
DCT5SF1670	16.7	93	143	18
DCT5SF1680	16.8	93	143	18
DCT5SF1690	16.9	93	143	18
DCT5SF1700	17.0	93	143	18
DCT5SF1710	17.1	93	143	18
DCT5SF1720	17.2	93	143	18
DCT5SF1730	17.3	93	143	18
DCT5SF1740	17.4	93	143	18
DCT5SF1750	17.5	93	143	18
DCT5SF1760	17.6	93	143	18
DCT5SF1770	17.7	93	143	18
DCT5SF1780	17.8	93	143	18
DCT5SF1790	17.9	93	143	18
DCT5SF1800	18.0	93	143	18
DCT5SF1810	18.1	101	153	20
DCT5SF1820	18.2	101	153	20
DCT5SF1830	18.3	101	153	20
DCT5SF1840	18.4	101	153	20
DCT5SF1850	18.5	101	153	20