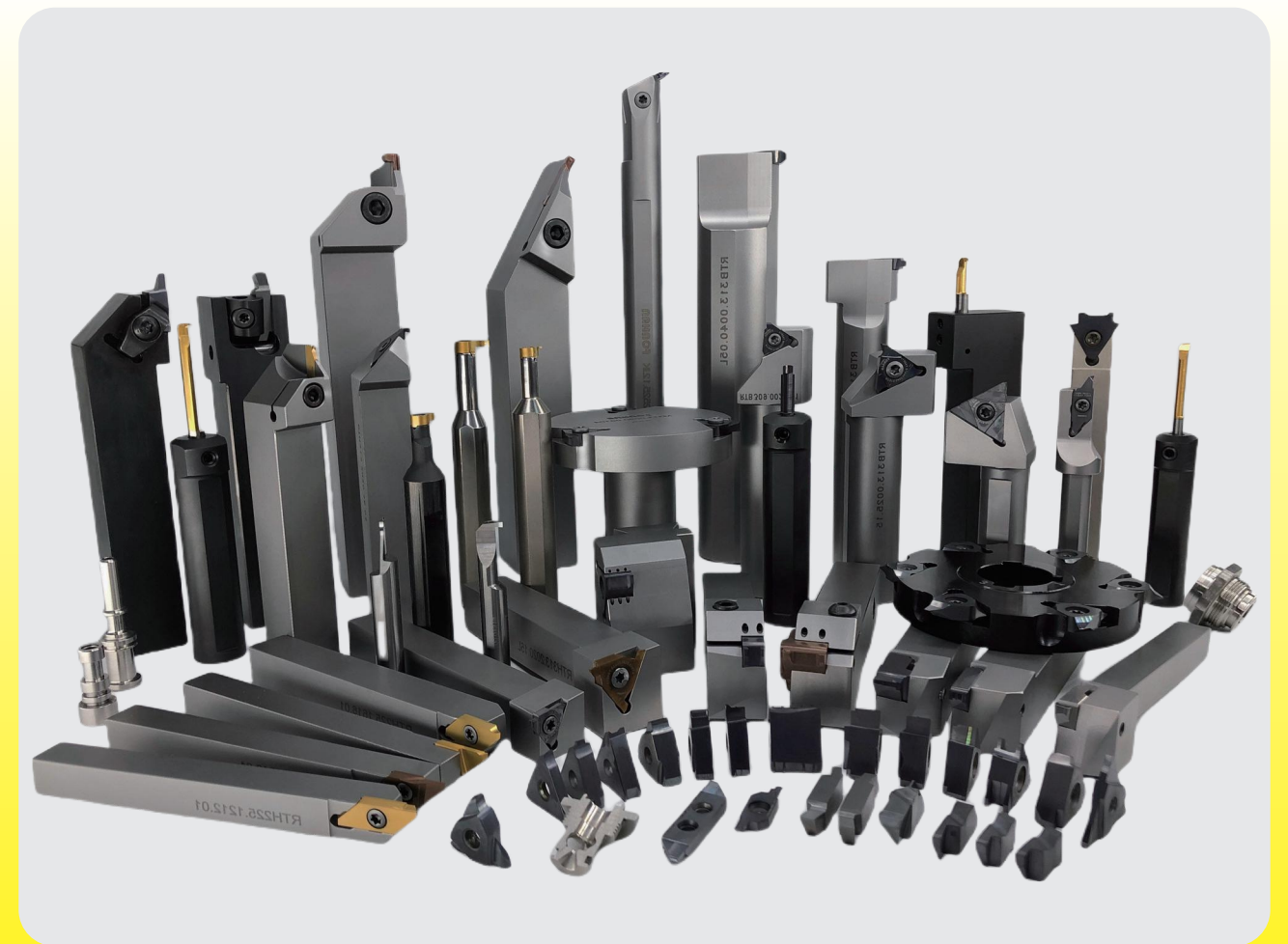


硬质合金切削刀具样本 Cutting tools catalog



上海方瀚精密工具有限公司
上海市金山工业区亭朱公路69号
201506
Info@fonhae.com
www.fonhae.com

Shanghai Fonhae Precision Tools Co., Ltd.
No. 69 Tingzhu Rd. Jinshan, Shanghai P.R. China
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www.fonhae.com



2024-2025样本



方瀚工具源头生产厂家

上海方瀚精密工具有限公司
Shanghai Fonhae Precision Tools Co., Ltd.

A

精密机械加工刀具制造商

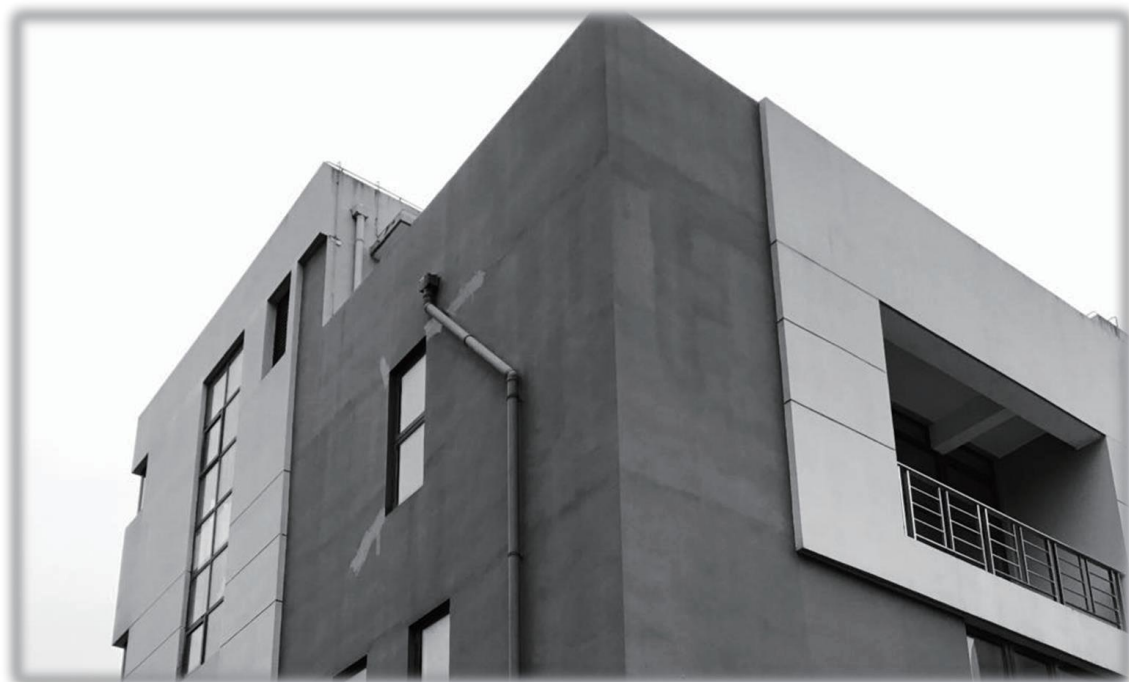
- 成立于2016年
- 位于上海市金山工业区

专业提供硬质合金，金属陶瓷刀具研发，生产，销售和服务的企业。主要服务于航空航天，汽车，消费电子，液压气动，工程机械及精密机械等客户。

Precision machining tool manufacturer

- Established in 2016
- Located in Jinshan Industrial Zone, Shanghai P.R. China.

The company specializes in providing tungsten carbide, cermet tools research and development, production, sales and service. Mainly serve aerospace, automotive, consumer electronics, pneumatic hydraulic industry, engineering machinery and precision machinery customers.



精密刀具，尤其是非标订制刀具

- 小孔镗刀
- 切槽刀
- 螺纹刀
- 订制轮廓成型刀
- 其他订制刀具

Precision tools, especially special customized tools

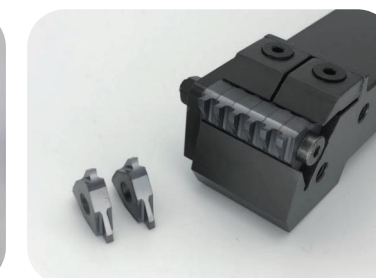
- Boring tools
- Grooving
- Threading
- Customized contour forming tools
- Other customized tools

应用领域

- 汽车精密零部件：动力系统，传动系统，转向系统，控制系统。
- 消费电子：手机，手表精密部件。
- 航空航天：发动机部件，燃油喷射部件。
- 气动液压：液压阀，泵等精密部件。
- 其他精密零部件。

Application area

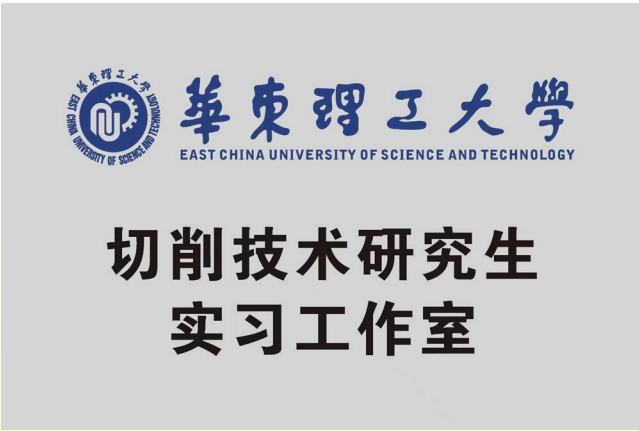
- Automotive precision components: power system, transmission system, steering system, control system.
- Consumer electronics: precision components for mobile phones and watches.
- Aerospace: engine components, fuel injection components.
- Pneumatic hydraulic: precision components such as hydraulic valves and pumps.
- Other precision components.



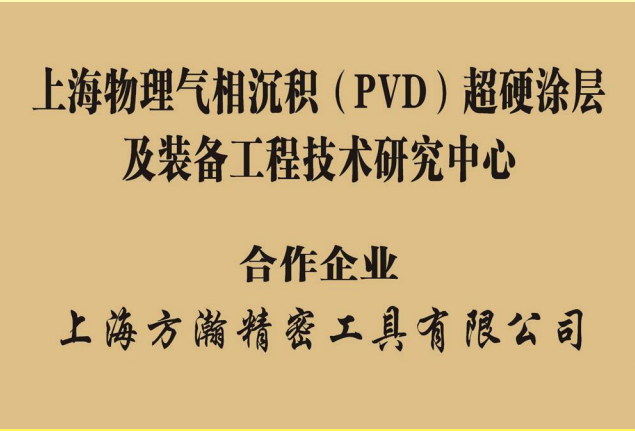
专利证书 Patent Certificate



高新技术企业



华东理工大学

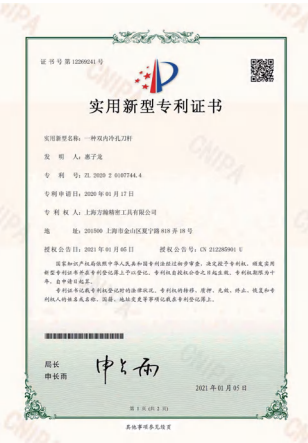


上海物理气象沉积



上海应用技术大学

专利证书 Patent Certificate



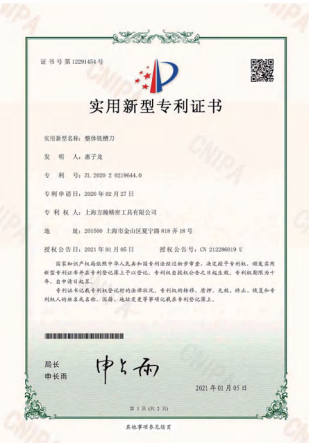
一种双内冷孔刀杆



一种双内冷孔镗刀



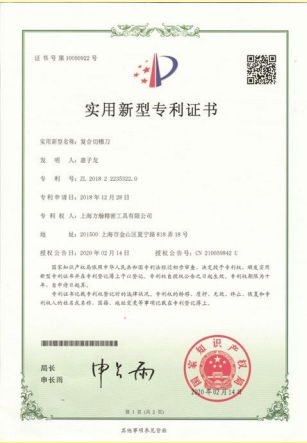
一种修光小孔镗刀



整体铣槽刀



钻车复合刀具



复合切槽刀



后部支撑导向式小孔镗刀



一种高精度小孔镗刀



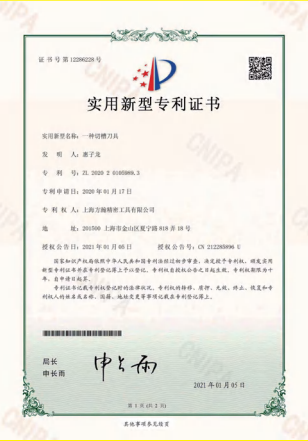
质量管理体系认证证书



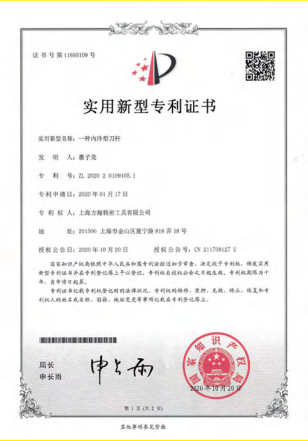
质量管理体系认证证书



一种带端面刀的小孔镗刀



一种切槽刀具



一种内冷型刀杆



一种前部支撑导向式小孔镗刀

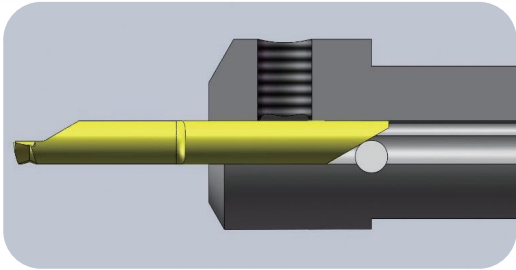


一种双头镗刀

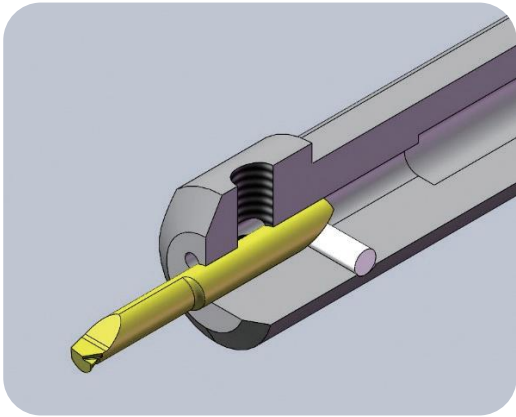


增强型小孔镗刀

车削 Turning	SC 系列内孔刀具 Small cut	刀杆	Holder	P008
		内孔镗刀	Boring	P010
		内孔切槽刀	Grooving	P019
		内孔螺纹刀	Threading	P029
		端面槽刀	Face grooving	P035
		倒角刀	Chamfering	P038
		背镗刀	Back boring	P039
		预切断刀	Pre-parting off	P040
	BM 系列内孔刀具 BM internal tools	BM07 系列刀杆	BM07 Holder	P043
		BM07 系列内孔镗刀	BM07 Boring	p044
		BM07 系列内孔切槽刀	BM07 Grooving	P047
		BM07 系列内孔螺纹刀	BM07 Threading	P050
		BM09 系列刀杆	BM09 Holder	P055
		BM09 系列内孔切槽刀	BM09 Grooving	P056
	225 系列外圆刀具 225 external tools	刀杆	Holder	P060
		前扫刀	Front turning	P062
		后扫刀	Back turning	P063
		切断刀	Parting off	P064
		切槽刀	Grooving	P066
		螺纹刀	Threading	P068
		DCGT 刀片	DCGT Insert	P071
	走芯机刀具 Tools for Swiss type lathe	TNGG 刀片	TNGG Insert	P072
		VBGT/VCGT 刀片	VBGT/VCGT Insert	P073
		CCGT 刀片	CCGT Insert	P074
		后扫刀片	Back turning	P075
		切断刀片	Parting off	P076
		浅槽刀片	Grooving	P077
		刀杆	Holder	P080
	GBA 系列刀具 GBA external tools	切槽刀	Grooving	P081
铣削 Milling	M327 系列刀具 M327 series cutting tools	B327 系列刀杆	B327 Milling holder	P084
		M327/M627 系列铣槽刀	M327/M627 Groove milling	P085
		M327/M627 系列螺纹铣刀	M327/M627 Thread milling	P090
		M327/M627 系列倒角铣刀	M327/M627 Chamfer milling	P094



特殊的定位方式，刀具强度和刚性极佳
Designed for special positioning with excellent tool strength and rigidity



极高的重复定位精度，长度误差 $\pm 0.04\text{mm}$ ，径向误差 $\pm 0.03\text{mm}$ ，中心高误差 $+0.03\text{mm}$
Very high repeatability with length tolerance $\pm 0.04\text{mm}$, radial tolerance $\pm 0.03\text{mm}$, center height tolerance $+0.03\text{mm}$



双内冷孔设计：冷却液直达刃口，带走切削热量和切屑。
Double internal bore design: coolant reaches the cutting edge to carry away cutting heat and chips

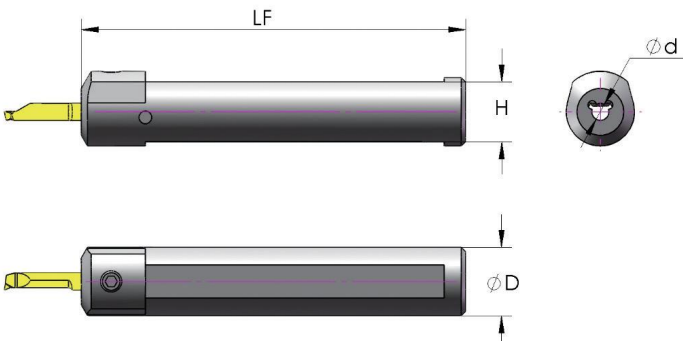


Small Cut 系列

- 高精度小径切削系列
- 极高的轴向和径向重复定位精度
- 免除换刀时的重复对刀工作
- 超过400款标准品库存

Small Cut series

- High precision
- Extremely high axial and radial repeatable positioning accuracy
- Eliminate repetitive tool setting work when changing tools
- More than 400 standard products in stock

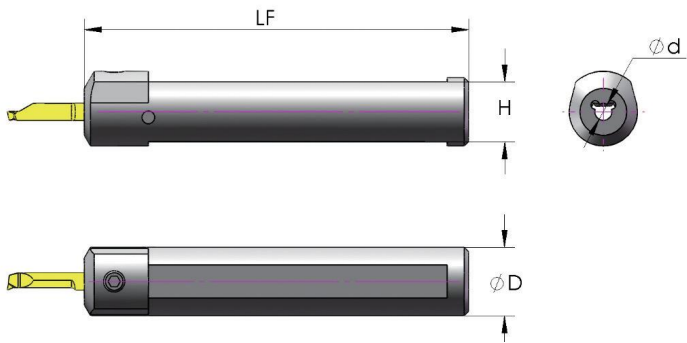


公制内冷钢刀杆
Steel holder in Metric with internal coolant

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	d	D	LF	H	库存 Stock
BSC.A10.04	4	10	65	8	○
BSC.A10.05	5				○
BSC.A12.04	4	12	70	10	●
BSC.A12.05	5				●
BSC.A12.06	6				●
BSC.A16.04	4	16	75	14	●
BSC.A16.05	5				●
BSC.A16.06	6				●
BSC.A16.07	7				●
BSC.A16.08	8				●
BSC.A20.04	4	20	90	18	●
BSC.A20.05	5				●
BSC.A20.06	6				●
BSC.A20.07	7				●
BSC.A20.08	8				●
BSC.A22.04	4	22	110	18	●
BSC.A22.05	5				●
BSC.A22.06	6				●
BSC.A22.07	7				●
BSC.A25.04	4	25	110	23	●
BSC.A25.05	5				●
BSC.A25.06	6				●
BSC.A25.07	7				●
BSC.A25.08	8				●
BSC.A25.10	10				●

刀杆 Holder

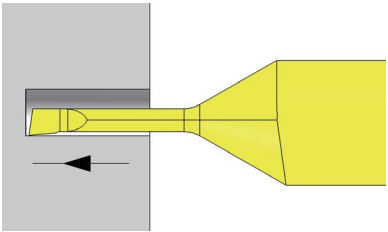
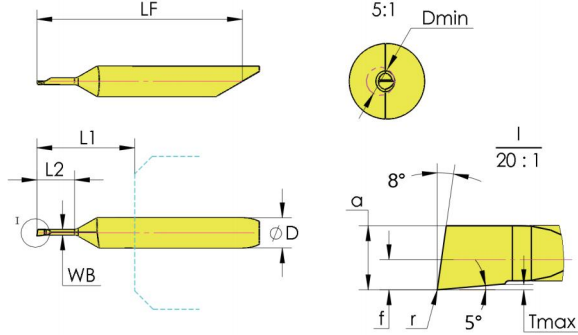


英制内冷钢刀杆
Steel holder in inch with internal coolant

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	d	D	LF	H	库存 Stock
BSC.A0750.04	4	19.05	110	17.05	●
BSC.A0750.05	5				●
BSC.A0750.06	6				●
BSC.A0750.07	7				●
BSC.A0750.08	8				○
BSC.A1000.04M	4	25.4	110	23.4	●
BSC.A1000.05M	5				●
BSC.A1000.06M	6				●
BSC.A1000.07M	7				●
BSC.A1000.08	8				○
BSC.A1000.10	10				○

内孔镗刀 Boring



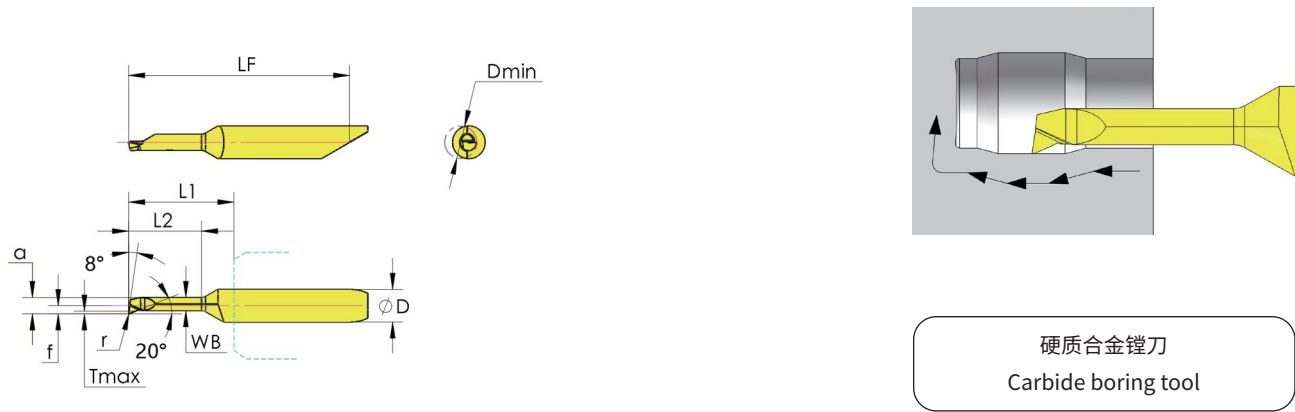
硬质合金镗刀
Carbide boring tool

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.098.00.0301	0.3	1.2	0	0.06	0.25	0.1	0.21	13	4	27.3	● / ○
R/LSC4.098.00.0401	0.4	1.6	0	0.07	0.35	0.15	0.30	13	4	27.3	● / ●
R/LSC4.098.00.0502	0.5	2	0	0.08	0.45	0.2	0.37	13	4	27.3	● / ●
R/LSC4.098.00.0602	0.6	2.5	0	0.09	0.55	0.25	0.46	13	4	27.3	● / ●
R/LSC4.098.00.0703	0.7	3.5	0	0.1	0.65	0.3	0.56	13	4	27.3	● / ●
R/LSC4.098.00.0804	0.8	4	0	0.1	0.75	0.35	0.64	13	4	27.3	● / ●
R/LSC4.098.00.0905	0.9	5	0	0.1	0.85	0.4	0.73	13	4	27.3	● / ●

内孔镗刀 Boring



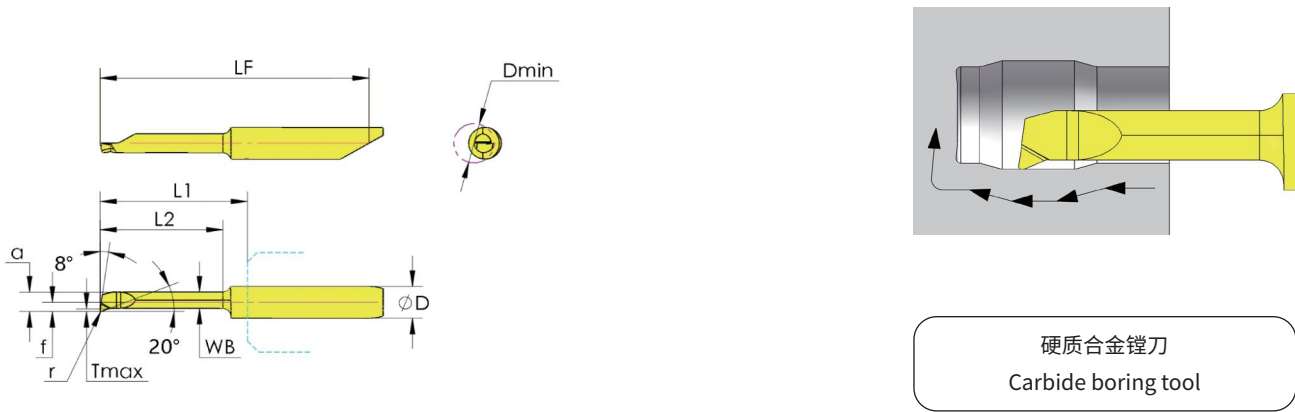
硬质合金镗刀
Carbide boring tool

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.098.05.1004	1	4	0.05	0.1	0.9	0.45	0.70	13	4	27.3	● / ●
R/LSC4.098.05.1006		6						13		27.3	● / ●
R/LSC4.098.10.1004	1	4	0.1	0.1	0.9	0.45	0.70	13	4	27.3	● / ●
R/LSC4.098.10.1006		6						13		27.3	● / ●
R/LSC4.098.05.1706	1.7	6	0.05	0.2	1.5	0.7	1.20	13	4	27.3	● / ●
R/LSC4.098.05.1709		9						13		27.3	● / ●
R/LSC4.098.10.1706	1.7	6	0.1	0.2	1.5	0.7	1.20	13	4	27.3	● / ●
R/LSC4.098.10.1709		9						13		27.3	● / ●
R/LSC4.098.05.2206	2.2	6	0.05	0.2	2	1.0	1.60	13	4	27.3	● / ●
R/LSC4.098.05.2209		9						13		27.3	● / ●
R/LSC4.098.10.2206	2.2	6	0.1	0.2	2	1.0	1.60	13	4	27.3	● / ●
R/LSC4.098.10.2209		9						13		27.3	● / ●
R/LSC4.098.10.2213		13						18		32.3	● / ●

内孔镗刀 Boring



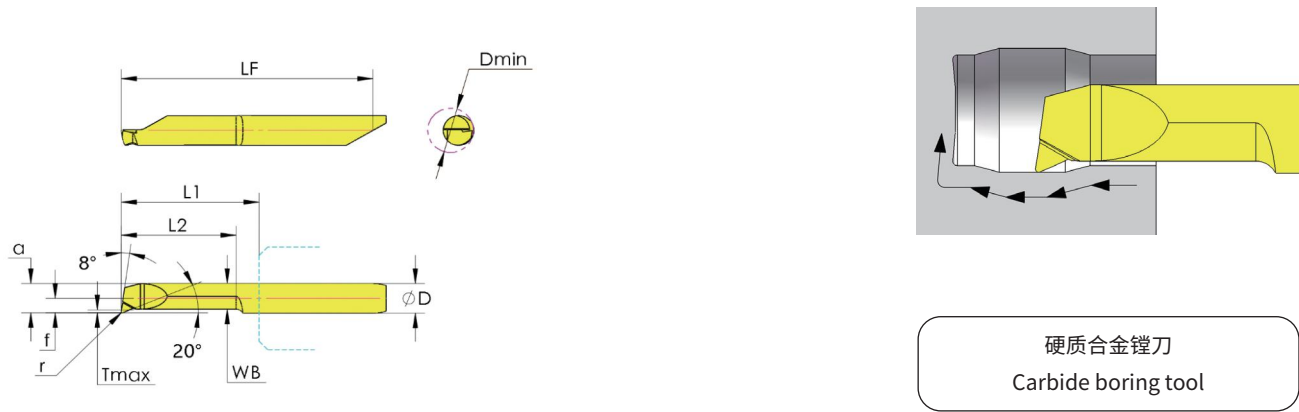
硬质合金镗刀
Carbide boring tool

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.098.03.2710	2.7	10	0.03	0.2	2.5	1.2	2.10	13	4	27.3	● / ●
R/LSC4.098.05.2710	2.7	10	0.05	0.2	2.5	1.2	2.10	13	4	27.3	● / ●
R/LSC4.098.05.2715		15						18		32.3	● / ●
R/LSC4.098.15.2710	2.7	10	0.15	0.2	2.5	1.2	2.10	13	4	27.3	● / ●
R/LSC4.098.15.2715		15						18		32.3	● / ●
R/LSC4.098.03.3210	3.2	10	0.03	0.2	2.95	1.50	2.55	13	4	27.3	● / ●
R/LSC4.098.05.3215		15	0.05					18		32.3	● / ●
R/LSC4.098.05.3220		20						23		37.3	● / ●
R/LSC4.098.15.3210	3.2	10	0.15	0.2	2.95	1.50	2.55	13	4	27.3	● / ●
R/LSC4.098.15.3215		15						18		32.3	● / ●
R/LSC4.098.15.3220		20						23		37.3	● / ●
R/LSC4.098.15.3715	3.7	15	0.15	0.2	3.45	1.7	3.05	18	4	32.3	● / ●

内孔镗刀 Boring



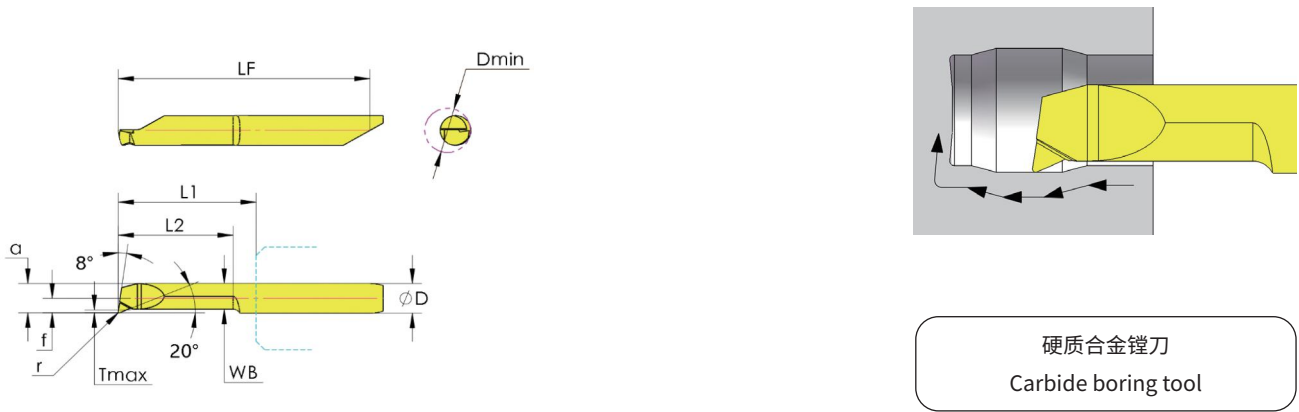
硬质合金镗刀
Carbide boring tool

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.098.03.4210	4.2	10	0.03	0.3	3.95	1.95	3.45	13	4	27.3	● / ●
R/LSC4.098.05.4215		15	0.05					18		32.3	● / ●
R/LSC4.098.05.4220		20						23		37.3	● / ●
R/LSC4.098.05.4225		25						28		42.3	● / ●
R/LSC4.098.15.4210	4.2	10	0.15	0.3	3.95	1.95	3.45	13	4	27.3	● / ●
R/LSC4.098.15.4215		15						18		32.3	● / ●
R/LSC4.098.15.4220		20						23		37.3	● / ●
R/LSC4.098.15.4225		25						28		42.3	● / ●
R/LSC5.098.05.5220	5.2	20	0.05	0.5	4.95	2.45	4.30	23	5	42.3	● / ●
R/LSC5.098.05.5230		30						33		52.3	● / ●
R/LSC5.098.20.5210	5.2	10	0.2	0.5	4.95	2.45	4.30	13	5	32.3	● / ●
R/LSC5.098.20.5220		20						23		42.3	● / ●
R/LSC5.098.20.5225		25						28		47.3	● / ●
R/LSC5.098.20.5230		30						33		52.3	● / ●
R/LSC5.098.20.5235		35						38		57.3	● / ●
R/LSC5.098.20.5240		40						43		62.3	● / ●

内孔镗刀 Boring



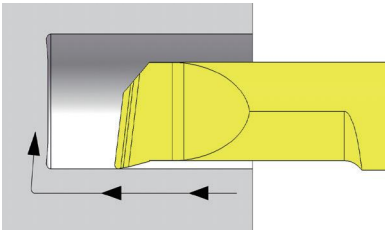
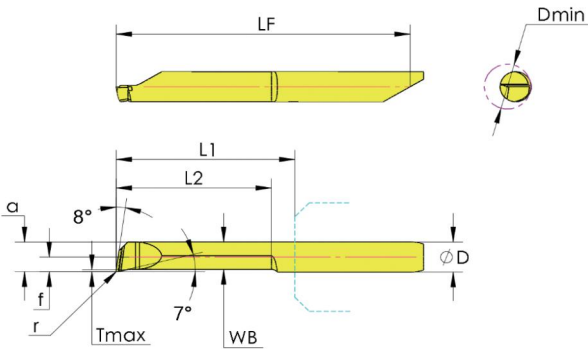
硬质合金镗刀
Carbide boring tool

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC6.098.05.6220	6.2	20	0.05	0.5	5.95	2.95	5.35	23	6	42.3	● / ●
R/LSC6.098.20.6215		15	0.2					18		37.3	● / ●
R/LSC6.098.20.6220		20						23		42.3	● / ●
R/LSC6.098.20.6225		25						28		47.3	● / ●
R/LSC6.098.20.6230		30						33		52.3	● / ●
R/LSC6.098.20.6235		35						38		57.3	● / ●
R/LSC6.098.20.6240		40						43		62.3	● / ●
R/LSC7.098.20.7225	7.2	25	0.2	0.5	6.95	3.45	6.25	28	7	47.3	● / ●
R/LSC7.098.20.7230		30						33		52.3	● / ●
R/LSC7.098.20.7240		40						43		62.3	● / ●
R/LSC7.098.20.7245		45						48		67.3	● / ●
R/LSC7.098.20.7250		50						53		72.3	● / ●

内孔镗刀 Boring



带有断屑槽
With Chip Breaker

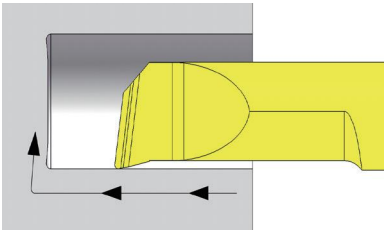
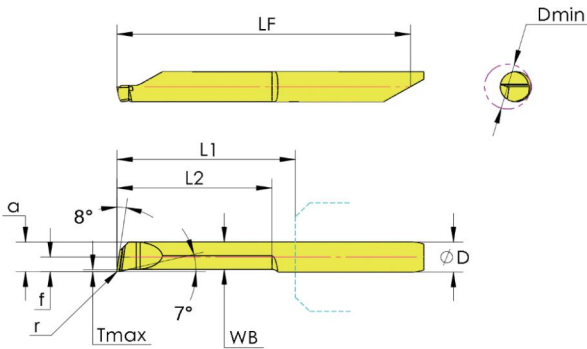
硬质合金镗刀
Carbide boring tool

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.098A08.4230	4.2	30	0.08	0.3	3.95	1.95	3.55	38	4	52.3	● / ●
R/LSC4.098A15.4210		10.3		0.1			3.8	13		27.3	● / ●
R/LSC4.098A15.4220		20.3	0.15	0.1			3.8	23		37.3	● / ●
R/LSC4.098A15.4225		25.3		0.4			3.45	28		42.3	● / ●
R/LSC4.098A20.4215		15.3	0.2	0.8			3.05	18		32.3	● / ●
R/LSC5.098A08.5240	5.2	40	0.08	0.3	4.95	2.45	4.55	48	5	67.3	● / ●
R/LSC5.098A20.5210		10.2		0.1			4.75	13		32.3	● / ●
R/LSC5.098A20.5215		15		0.6			4.25	18		37.3	● / ●
R/LSC5.098A20.5220		20.3	0.2	0.1				23		42.3	● / ●
R/LSC5.098A20.5225		25.4		0.1			4.75	28		47.3	● / ●
R/LSC5.098A20.5230		30.5		0.1				33		52.3	● / ●

内孔镗刀 Boring



带有断屑槽
With Chip Breaker

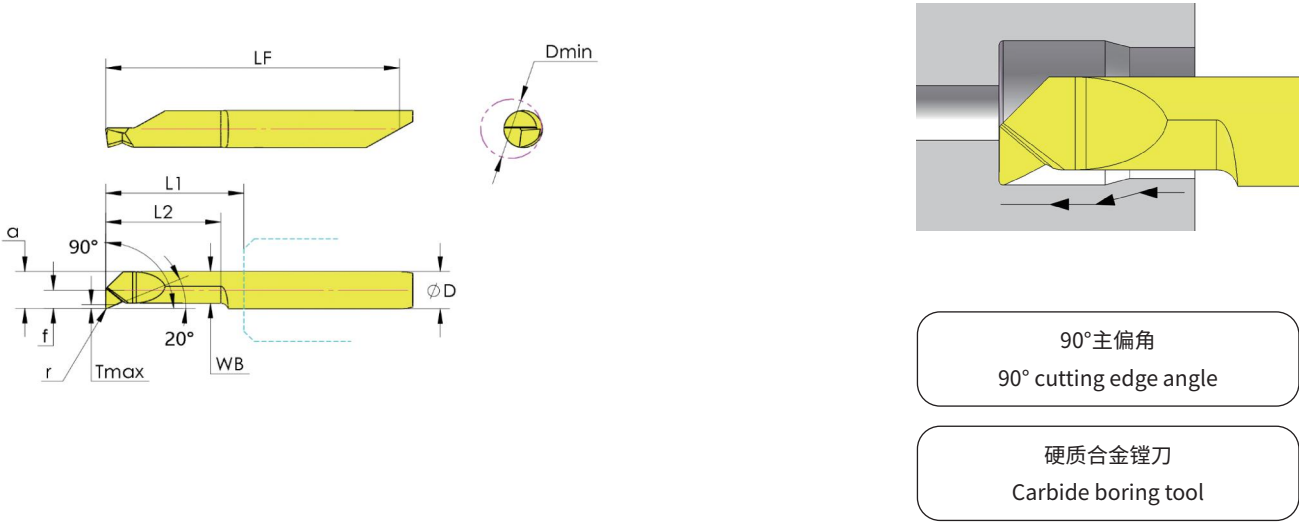
硬质合金镗刀
Carbide boring tool

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC6.098A08.6245	6.2	45	0.08	0.35	5.95	2.95	5.5	53	6	72.3	● / ●
R/LSC6.098A20.6215		15.2	0.2	0.15			5.7	18		37.3	● / ●
R/LSC6.098A20.6220		20.3						23		42.3	● / ●
R/LSC6.098A20.6225		25.4						28		47.3	● / ●
R/LSC6.098A20.6230		30.5						33		52.3	● / ●
R/LSC6.098A20.6240		40						5.25		43	62.3
R/LSC7.098A08.7255	7.2	55	0.08	0.35	6.95	3.45	6.5	63	7	82.3	● / ●
R/LSC7.098A20.7225		25.4	0.2	0.25			6.60	28		47.3	● / ●
R/LSC7.098A20.7230		30.5						33		52.3	● / ●
R/LSC7.098A20.7240		40.6						0.25		43	62.3

内孔镗刀 Boring

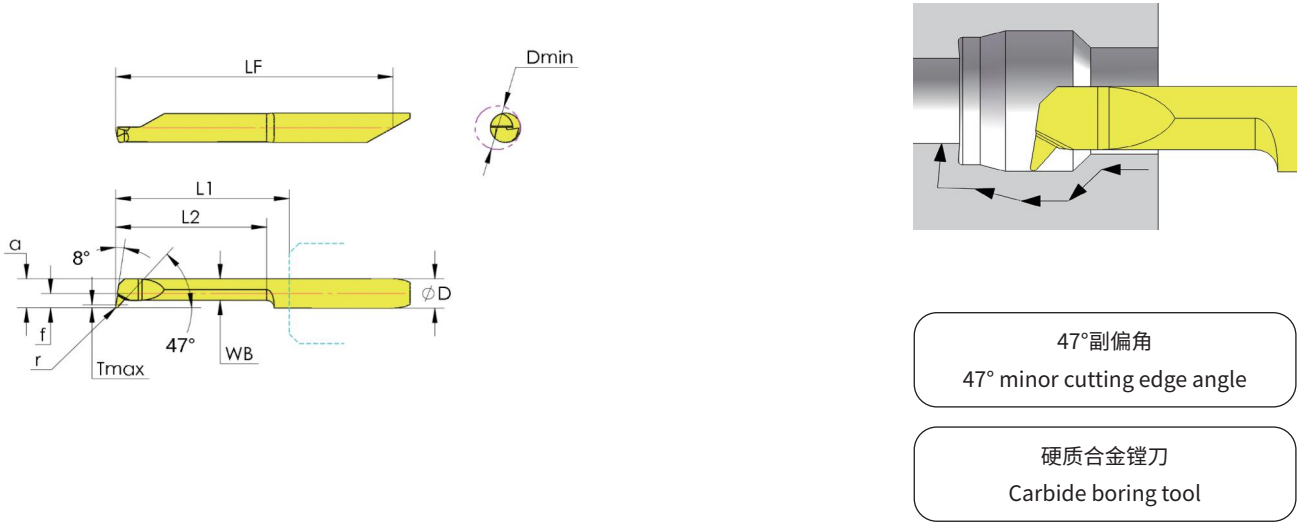


图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.090.15.3212	3.2	12	0.15	0.2	2.95	1.45	2.55	15	4	29.3	● / ●
R/LSC4.090.15.4215	4.2	15	0.15	0.3	3.95	1.95	3.45	18	4	32.3	● / ●
R/LSC5.090.20.5210	5.2	10	0.2	0.5	4.95	2.45	4.25	13	5	32.3	● / ●
R/LSC5.090.20.5215		15						18		37.3	● / ●
R/LSC5.090.20.5220		20						23		42.3	● / ●

内孔镗刀 Boring

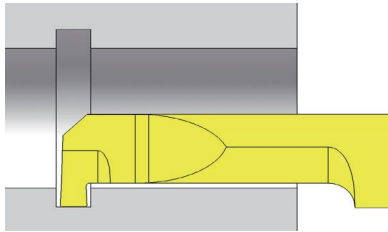
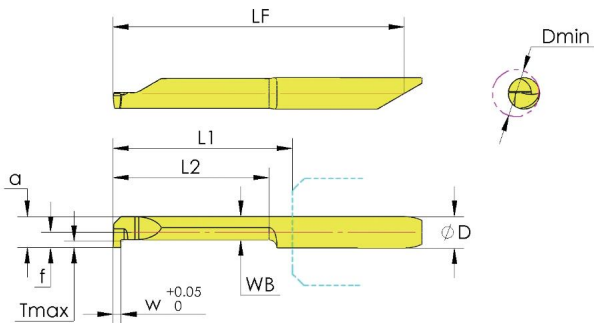


图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.E98.15.4220	4.2	20	0.15	0.8	3.95	1.95	2.95	23	4	37.3	● / ●
R/LSC5.E98.15.5225	5.2	25	0.15	1	4.95	2.45	3.75	28	5	47.3	● / ●
R/LSC6.E98.15.6230	6.2	30	0.15	1.8	5.95	2.95	3.95	33	6	52.3	● / ●
R/LSC7.E98.20.7240	7.2	40	0.2	2.5	6.95	3.45	4.2	43	7	62.3	● / ●

内孔槽刀 Internal grooving



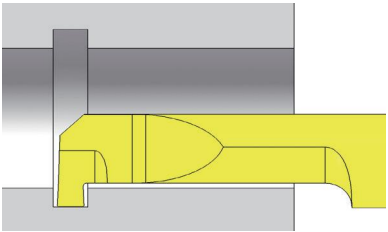
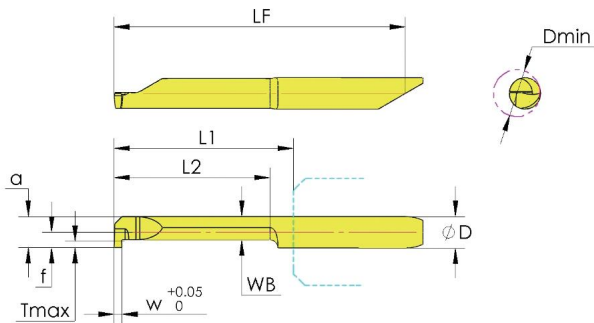
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.G050.2006	2	0.5	6	0.4	1.75	0.85	1.15	13	4	27.3	● / ●
R/LSC4.G050.2009			9					13		27.3	● / ●
R/LSC4.G050.2012			12					18		32.3	● / ●
R/LSC4.G070.3008	3	0.7	8	0.6	2.75	1.35	1.95	11	4	25.3	● / ●
R/LSC4.G070.3012			12					15		29.3	● / ●
R/LSC4.G070.3016			16					19		33.3	● / ●
R/LSC4.G100.4210	4.2	1	10	0.8	3.95	1.95	2.95	13	4	27.3	● / ●
R/LSC4.G100.4215			15					18		32.3	● / ●
R/LSC4.G100.4220			20					23		37.3	● / ●

内孔槽刀 Internal grooving



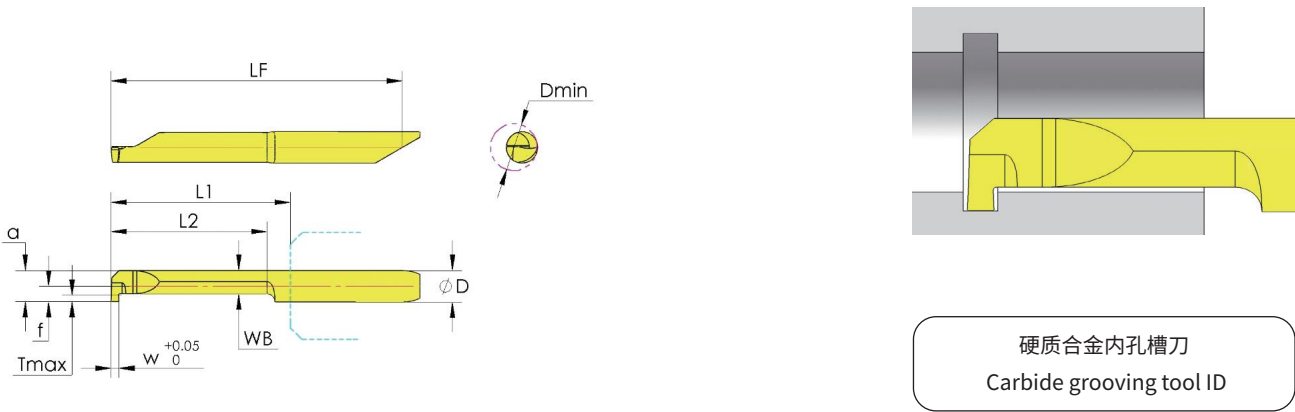
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC5.G100.5210	5.2	1	10	1	4.95	2.45	3.8	13	5	32.3	● / ●
R/LSC5.G100.5215			15					18		37.3	● / ●
R/LSC5.G100.5220			20					23		42.3	● / ●
R/LSC5.G100.5225			25					28		47.3	● / ●
R/LSC5.G100.5230			30					33		52.3	● / ●
R/LSC5.G100.5235			35					38		57.3	● / ●
R/LSC5.G150.5210	5.2	1.5	10	1	4.95	2.45	3.8	13	5	32.3	● / ●
R/LSC5.G150.5215			15					18		37.3	● / ●
R/LSC5.G150.5220			20					23		42.3	● / ●
R/LSC5.G150.5225			25					28		47.3	● / ●
R/LSC5.G150.5230			30					33		52.3	● / ●
R/LSC5.G150.5235			35					38		57.3	● / ●
R/LSC5.G200.5210	5.2	2	10	1	4.95	2.45	3.8	13	5	32.3	● / ●
R/LSC5.G200.5215			15					18		37.3	● / ●
R/LSC5.G200.5220			20					23		42.3	● / ●
R/LSC5.G200.5225			25					28		47.3	● / ●
R/LSC5.G200.5230			30					33		52.3	● / ●

内孔槽刀 Internal grooving



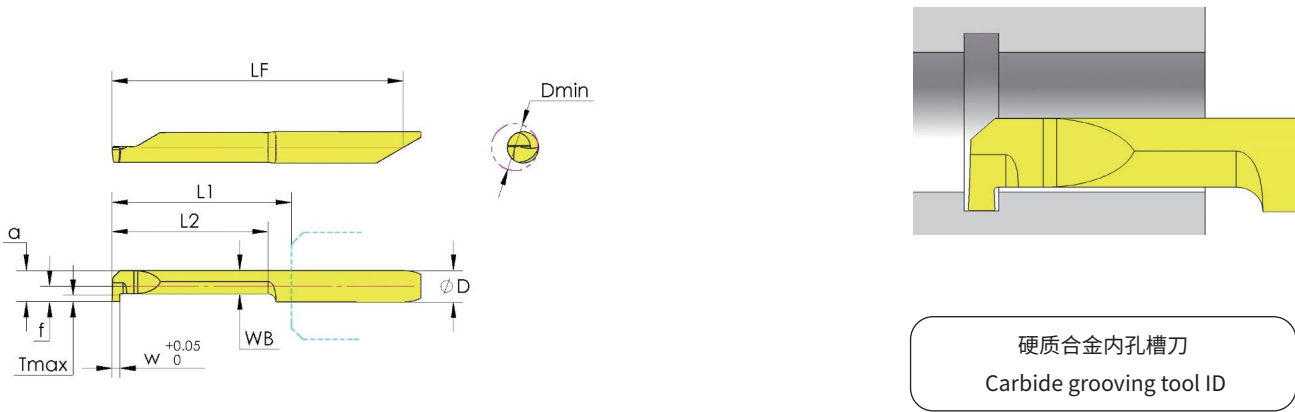
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC6.G100.6210	6.2	1	10	1.8	5.95	2.95	4	13	6	32.3	● / ●
R/LSC6.G100.6215			15					18		37.3	● / ●
R/LSC6.G100.6220			20					23		42.3	● / ●
R/LSC6.G100.6225			25					28		47.3	● / ●
R/LSC6.G100.6230			30					33		52.3	● / ●
R/LSC6.G100.6235			35					38		57.3	● / ●
R/LSC6.G100.6240			40					43		62.3	● / ●
R/LSC6.G150.6210	6.2	1.5	10	1.8	5.95	2.95	4	13	6	32.3	● / ●
R/LSC6.G150.6215			15					18		37.3	● / ●
R/LSC6.G150.6220			20					23		42.3	● / ●
R/LSC6.G150.6225			25					28		47.3	● / ●
R/LSC6.G150.6230			30					33		52.3	● / ●
R/LSC6.G150.6235			35					38		57.3	● / ●
R/LSC6.G200.6210	6.2	2	10	1.8	5.95	2.95	4	13	6	32.3	● / ●
R/LSC6.G200.6215			15					18		37.3	● / ●
R/LSC6.G200.6220			20					23		42.3	● / ●
R/LSC6.G200.6225			25					28		47.3	● / ●
R/LSC6.G200.6230			30					33		52.3	● / ●

内孔槽刀 Internal grooving



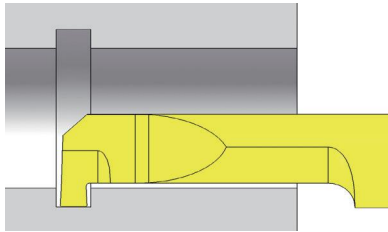
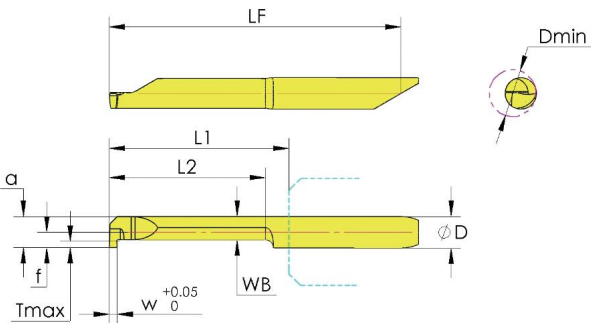
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC7.G100.7210	7.2	1	10	2.5	6.95	3.45	4.3	13	7	32.3	● / ●
R/LSC7.G100.7215			15					18		37.3	● / ●
R/LSC7.G100.7220			20					23		42.3	● / ●
R/LSC7.G100.7225			25					28		47.3	● / ●
R/LSC7.G100.7230			30					33		52.3	● / ●
R/LSC7.G100.7235			35					38		57.3	● / ●
R/LSC7.G100.7240			40					43		62.3	● / ●
R/LSC7.G150.7210	7.2	1.5	10	2.5	6.95	3.45	4.3	13	7	32.3	● / ●
R/LSC7.G150.7215			15					18		37.3	● / ●
R/LSC7.G150.7220			20					23		42.3	● / ●
R/LSC7.G150.7225			25					28		47.3	● / ●
R/LSC7.G150.7230			30					33		52.3	● / ●
R/LSC7.G150.7235			35					38		57.3	● / ●
R/LSC7.G150.7240			40					43		62.3	● / ●
R/LSC7.G200.7210	7.2	2	10	2.5	6.95	3.45	4.3	13	7	32.3	● / ●
R/LSC7.G200.7215			15					18		37.3	● / ●
R/LSC7.G200.7220			20					23		42.3	● / ●
R/LSC7.G200.7225			25					28		47.3	● / ●
R/LSC7.G200.7230			30					33		52.3	● / ●
R/LSC7.G200.7235			35					38		57.3	● / ●

内孔槽刀 Internal grooving



卡簧槽专用
For circlip grooves

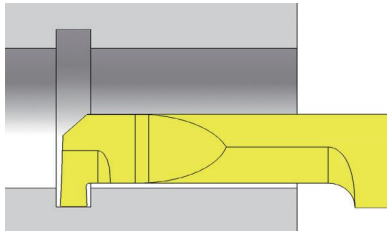
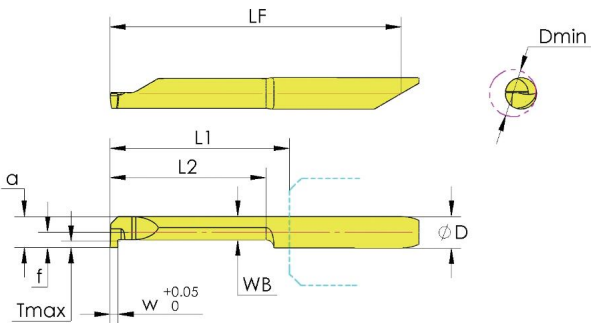
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.G078.4210	4.2	0.78	10	0.8	3.95	1.95	2.95	13	4	27.3	●
R/LSC4.G078.4215			15					18		32.3	● / ●
R/LSC4.G078.4220			20					23		37.3	● / ●
R/LSC4.G078.4225			25					28		42.3	● / ●
R/LSC5.G078.5210	5.2	0.78	10	1	4.95	2.45	3.8	13	5	32.3	● / ●
R/LSC5.G078.5215			15					18		37.3	● / ●
R/LSC5.G078.5220			20					23		42.3	● / ●
R/LSC5.G078.5225			25					28		47.3	● / ●
R/LSC5.G078.5230			30					33		52.3	● / ●
R/LSC5.G078.5235			35					38		57.3	● / ●
R/LSC5.G117.5210	5.2	1.17	10	1	4.95	2.45	3.8	13	5	32.3	● / ●
R/LSC5.G117.5215			15					18		37.3	● / ●
R/LSC5.G117.5220			20					23		42.3	● / ●
R/LSC5.G117.5225			25					28		47.3	● / ●
R/LSC5.G117.5230			30					33		52.3	● / ●
R/LSC5.G117.5235			35					38		57.3	● / ●
R/LSC5.G157.5210	5.2	1.57	10	1	4.95	2.45	3.8	13	5	32.3	● / ●
R/LSC5.G157.5215			15					18		37.3	● / ●
R/LSC5.G157.5220			20					23		42.3	● / ●
R/LSC5.G157.5225			25					28		47.3	● / ●
R/LSC5.G157.5230			30					33		52.3	● / ●

内孔槽刀 Internal grooving



卡簧槽专用
For circlip grooves

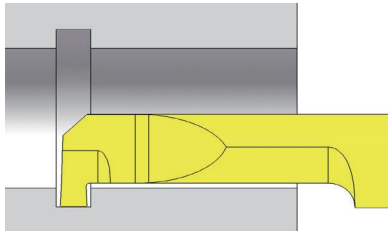
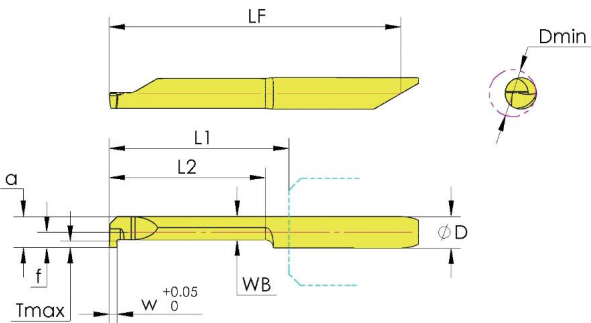
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC5.G198.5210	5.2	1.98	10	1	4.95	2.45	3.8	13	5	32.3	● / ●
R/LSC5.G198.5215			15					18		37.3	● / ●
R/LSC5.G198.5220			20					23		42.3	● / ●
R/LSC5.G198.5225			25					28		47.3	● / ●
R/LSC5.G198.5230			30					33		52.3	● / ●
R/LSC6.G078.6210	6.2	0.78	10	1.8	5.95	2.95	4	13	6	32.3	● / ●
R/LSC6.G078.6215			15					18		37.3	● / ●
R/LSC6.G078.6220			20					23		42.3	● / ●
R/LSC6.G078.6225			25					28		47.3	● / ●
R/LSC6.G078.6230			30					33		52.3	● / ●
R/LSC6.G078.6235			35					38		57.3	● / ●
R/LSC6.G117.6210	6.2	1.17	10	1.8	5.95	2.95	4	13	6	32.3	● / ●
R/LSC6.G117.6215			15					18		37.3	● / ●
R/LSC6.G117.6220			20					23		42.3	● / ●
R/LSC6.G117.6225			25					28		47.3	● / ●
R/LSC6.G117.6230			30					33		52.3	● / ●
R/LSC6.G117.6235			35					38		57.3	● / ●
R/LSC6.G117.6240			40					43		62.3	● / ●

内孔槽刀 Internal grooving



卡簧槽专用
For circlip grooves

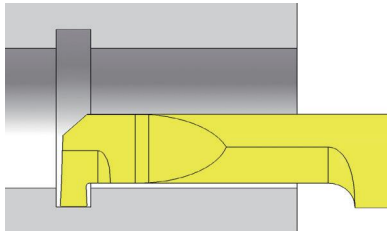
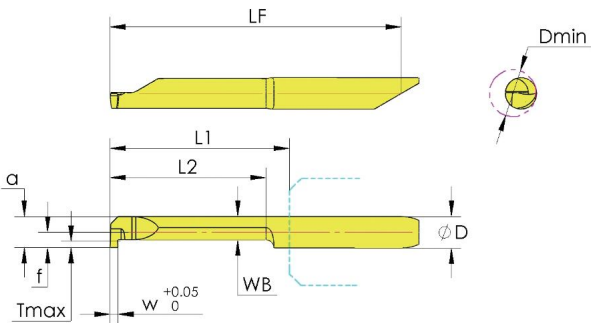
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC6.G157.6210	6.2	1.57	10	1.8	5.95	2.95	4	13	6	32.3	● / ●
R/LSC6.G157.6215			15					18		37.3	● / ●
R/LSC6.G157.6220			20					23		42.3	● / ●
R/LSC6.G157.6225			25					28		47.3	● / ●
R/LSC6.G157.6230			30					33		52.3	● / ●
R/LSC6.G157.6235			35					38		57.3	● / ●
R/LSC6.G157.6240			40					43		62.3	● / ●
R/LSC6.G198.6210	6.2	1.98	10	1.8	5.95	2.95	4	13	6	32.3	● / ●
R/LSC6.G198.6215			15					18		37.3	● / ●
R/LSC6.G198.6225			25					23		47.3	● / ●
R/LSC6.G198.6235			35					28		57.3	● / ●
R/LSC7.G078.7210	7.2	0.78	10	2.5	6.95	3.45	4.30	13	7	32.3	● / ●
R/LSC7.G078.7215			15					18		37.3	● / ●
R/LSC7.G078.7220			20					23		42.3	● / ●
R/LSC7.G078.7225			25					28		47.3	● / ●
R/LSC7.G078.7230			30					33		52.3	● / ●
R/LSC7.G078.7235			35					38		57.3	● / ●
R/LSC7.G078.7240			40					43		62.3	● / ●

内孔槽刀 Internal grooving



卡簧槽专用
For circlip grooves

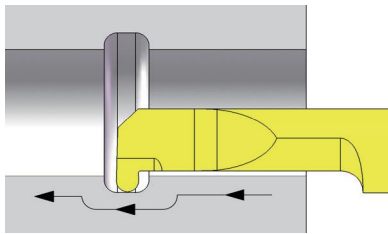
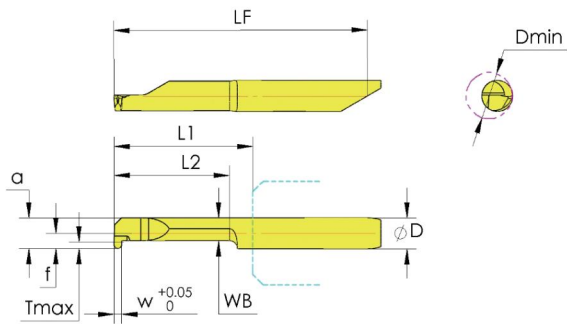
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC7.G117.7210	7.2	1.17	10	2.5	6.95	3.45	4.30	13	7	32.3	● / ●
R/LSC7.G117.7215			15					18		37.3	● / ●
R/LSC7.G117.7220			20					23		42.3	● / ●
R/LSC7.G117.7225			25					28		47.3	● / ●
R/LSC7.G117.7230			30					33		52.3	● / ●
R/LSC7.G117.7235			35					38		57.3	● / ●
R/LSC7.G117.7240			40					43		62.3	● / ●
R/LSC7.G157.7210	7.2	1.57	10	2.5	6.95	3.45	4.30	13	7	32.3	● / ●
R/LSC7.G157.7215			15					18		37.3	● / ●
R/LSC7.G157.7220			20					23		42.3	● / ●
R/LSC7.G157.7225			25					28		47.3	● / ●
R/LSC7.G157.7230			30					33		52.3	● / ●
R/LSC7.G157.7235			35					38		57.3	● / ●
R/LSC7.G157.7240			40					43		62.3	● / ●
R/LSC7.G198.7210	7.2	1.98	10	2.5	6.95	3.45	4.30	13	7	32.3	● / ●
R/LSC7.G198.7215			15					18		37.3	● / ●
R/LSC7.G198.7220			20					23		42.3	● / ●
R/LSC7.G198.7225			25					28		47.3	● / ●
R/LSC7.G198.7230			30					33		52.3	● / ●
R/LSC7.G198.7235			35					38		57.3	● / ●

内孔槽刀 Internal grooving



圆弧槽刀
Full radius

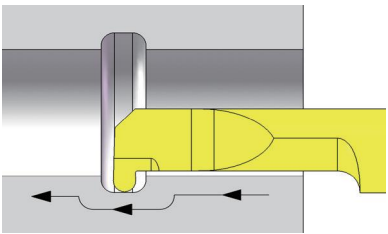
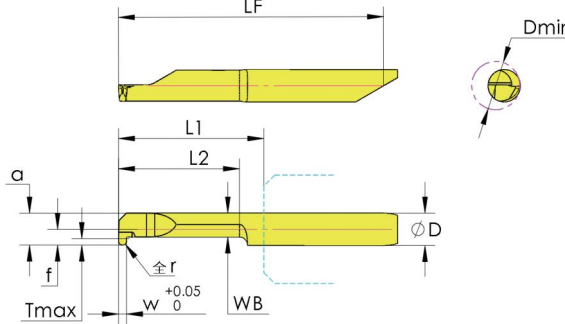
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	r	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.R100.4215	4.2	1	0.5	15	0.8	3.95	1.95	2.95	18	4	32.3	● / ●
R/LSC5.R100.5220	5.2	1	0.5	20	1	4.95	2.45	3.75	23	5	42.3	● / ●
R/LSC5.R150.5220	5.2	1.5	0.75									● / ●
R/LSC5.R200.5220	5.2	2	1									● / ●
R/LSC6.R100.6225	6.2	1	0.5	25	1.8	5.95	2.95	3.95	28	6	47.3	● / ●
R/LSC6.R150.6225	6.2	1.5	0.75									● / ●
R/LSC6.R200.6225	6.2	2	1									● / ●
R/LSC7.R100.7230	7.2	1	0.5	30	2.5	6.95	3.45	4.30	33	7	52.3	● / ●
R/LSC7.R150.7230	7.2	1.5	0.75									● / ●
R/LSC7.R200.7230	7.2	2	1									● / ●

内孔槽刀 Internal grooving



圆弧槽刀
Full radius

卡簧槽专用
For circlip grooves

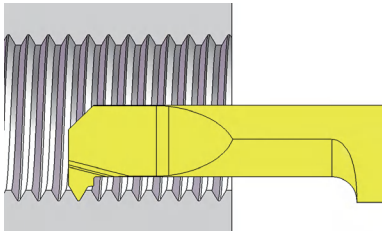
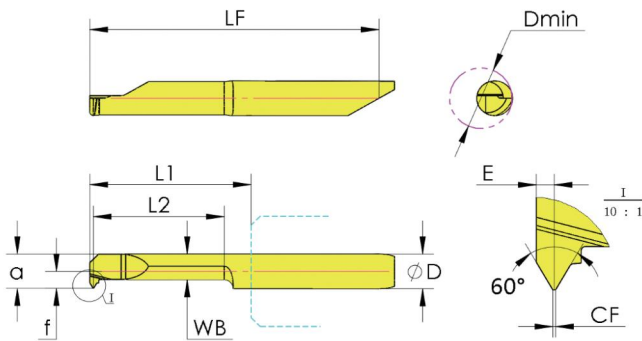
硬质合金内孔槽刀
Carbide grooving tool ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	r	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.R058.4215	4.2	1.17	0.58	15	0.8	3.95	1.95	2.95	18	4	32.3	● / ●
R/LSC5.R058.5220	5.2	1.17	0.58	20	1	4.95	2.45	3.75	23	5	42.3	● / ●
R/LSC5.R081.5220		1.63	0.81									● / ●
R/LSC5.R099.5220		1.98	0.99									● / ●
R/LSC6.R058.6225	6.2	1.17	0.58	25	1.8	5.95	2.95	3.95	28	6	47.3	● / ●
R/LSC6.R081.6225		1.63	0.81									● / ●
R/LSC6.R099.6225		1.98	0.99									● / ●
R/LSC7.R058.7230	7.2	1.17	0.58	30	2.5	6.95	3.45	4.25	33	7	52.3	● / ●
R/LSC7.R081.7230		1.63	0.81									● / ●
R/LSC7.R099.7230		1.98	0.99									● / ●

内孔螺纹刀 Internal threading



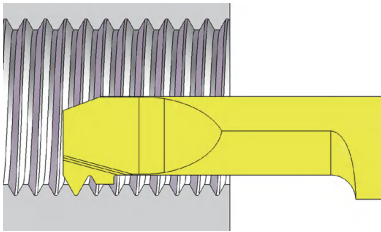
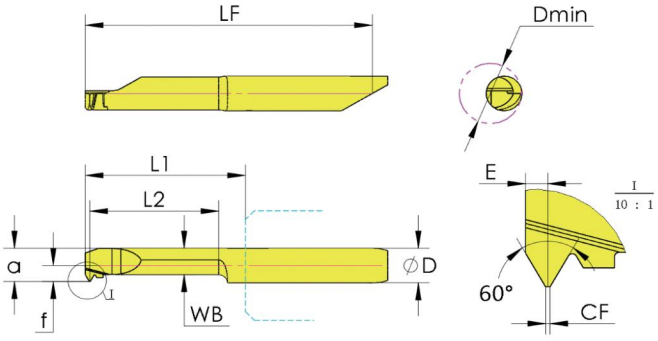
公制 ISO 60° 范围牙型
Metric ISO 60° Partial profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	P	Pmax	E	CF	a	f	WB	L1	D	LF	库存 Stock
R/LSC4.H050VM.4215	4.2	15	0.5	0.7	0.4	0.06	3.95	1.95	3	18	4	32.3	● / ○
RSC5.H050VM.5215	5.2	15	0.5	0.75	0.4	0.06	4.95	2.45	3.75	18	5	37.3	●
RSC5.H070VM.5115	5.1	15	0.7	1	0.45	0.09	4.85	2.40	3.65	18	5	37.3	●
R/LSC5.H100VM.4815	4.8	15	1	1.25	0.55	0.12	4.55	2.25	3.55	18	5	37.3	● / ○
RSC6.H100VM.6215	6.2	15	1	1.25	0.60	0.12	5.95	2.95	3.95	18	6	37.3	●
R/LSC6.H125VM.6215	6.2	15	1.25	1.5	0.65	0.14	5.95	2.95	3.95	18	6	37.3	● / ○
R/LSC6.H150VM.6215	6.2	15	1.5	1.75	0.8	0.18	5.95	2.95	3.95	18	6	37.3	● / ○

内孔螺纹刀 Internal threading



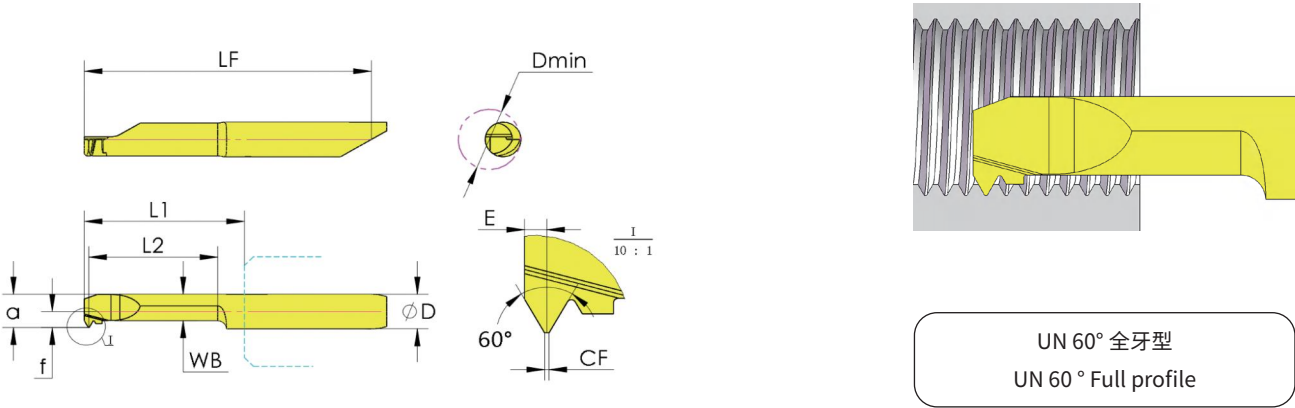
公制 ISO 60° 全牙型
Metric ISO 60° Full profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	P	E	CF	a	f	WB	L1	D	LF	库存 Stock
RSC4.H050MM.4215	4.2	15	0.5	0.4	0.06	3.9	1.9	3.5	18	4	32.3	●
RSC4.H070MM.4215	4.2	15	0.7	0.5	0.08	3.9	1.9	3.2	18	4	32.3	●
RSC4.H080MM.4015	4	15	0.8	0.5	0.1	3.75	1.85	3	18	4	32.3	●
RSC5.H050MM.5215	5.2	15	0.5	0.4	0.06	4.95	2.45	4.45	18	5	37.3	●
RSC5.H075MM.5115	5.1	15	0.75	0.5	0.09	4.85	2.4	4.15	18	5	37.3	●
RSC5.H100MM.4815	4.8	15	1	0.6	0.12	4.45	2.25	3.55	18	5	37.3	●
RSC6.H100MM.6215	6.2	15	1	0.6	0.12	5.95	2.95	4.95	18	6	37.3	●
RSC6.H125MM.6215	6.2	15	1.25	0.7	0.15	5.95	2.95	4.8	18	6	37.3	●
RSC6.H150MM.6215	6.2	15	1.5	0.8	0.18	5.95	2.95	4.5	18	6	37.3	●
RSC6.H175MM.6215	6.2	15	1.75	0.9	0.21	5.95	2.95	4.3	18	6	37.3	●
RSC6.H200MM.6215	6.2	15	2	1	0.25	5.95	2.95	4.1	18	6	37.3	●

内孔螺纹刀 Internal threading



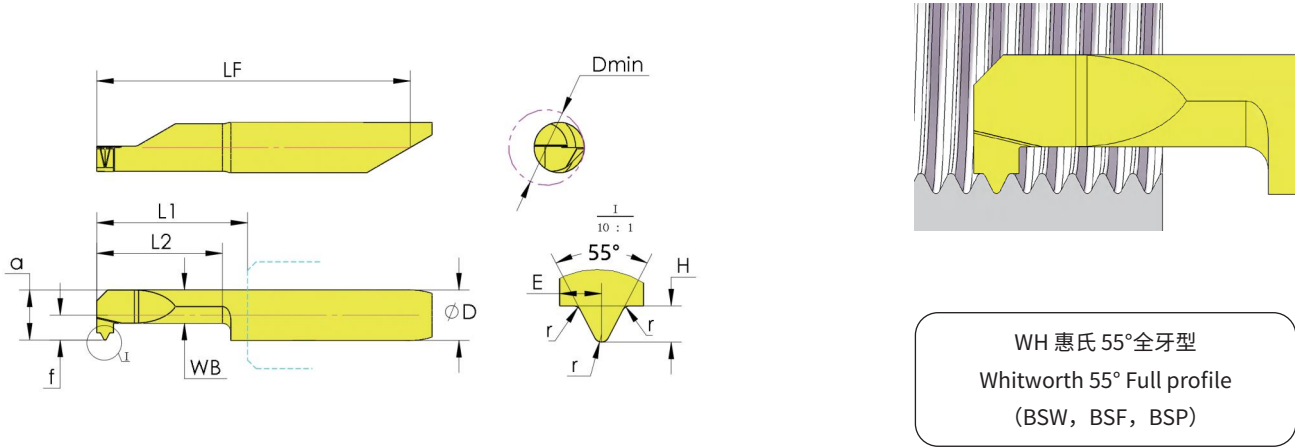
UN 60° 全牙型
UN 60 ° Full profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	TPI	E	CF	a	f	WB	L1	D	LF	库存 Stock
RSC4.H320UN.4015	4	15	32	0.55	0.1	3.75	1.85	2.95	18	4	32.3	●
RSC4.H280UN.4015	4	15	28	0.6	0.11	3.75	1.85	2.95	18	4	32.3	●
RSC4.H240UN.4215	4.2	15	24	0.65	0.13	3.95	1.95	3.05	18	4	32.3	●
RSC5.H200UN.5215	5.2	15	20	0.7	0.16	4.95	2.45	3.95	18	5	37.3	●
RSC6.H180UN.6215	6.2	15	18	0.75	0.18	5.95	2.95	4.85	18	6	37.3	●
RSC6.H160UN.6215	6.2	15	16	0.80	0.2	5.95	2.95	4.75	18	6	37.3	●

内孔螺纹刀 Internal threading



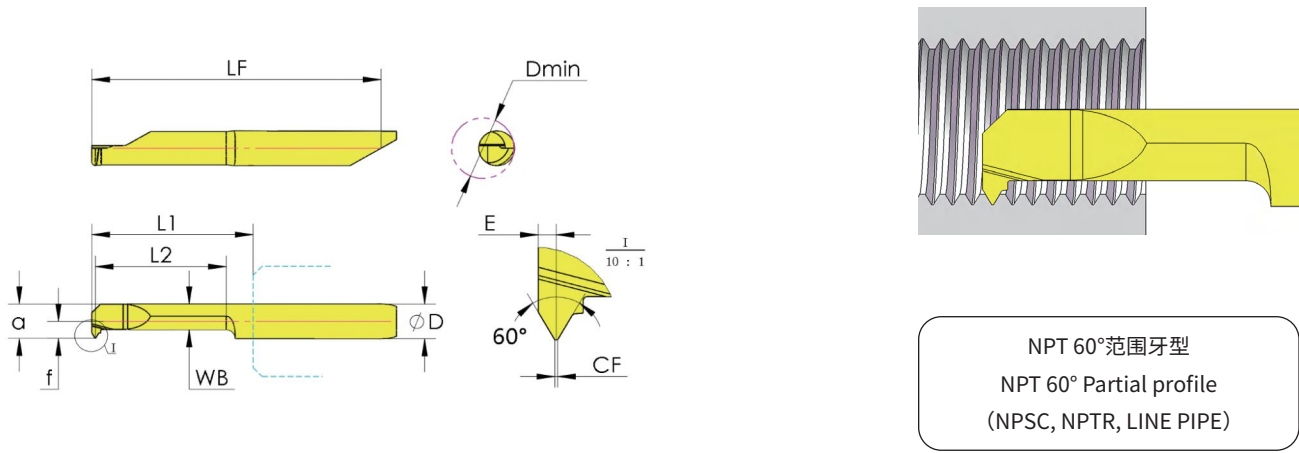
WH 惠氏 55°全牙型
Whitworth 55° Full profile
(BSW, BSF, BSP)

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	TPI	R	E	H	a	f	WB	L1	D	LF	库存 Stock
RSC5.H28WH.5215	5.2	15	28	0.12	0.8	0.58	4.95	2.45	3.75	18	5	37.3	●
RSC5.H26WH.5215	5.2	15	26	0.15	0.8	0.63	4.95	2.45	3.75	18	5	37.3	●
RSC5.H24WH.5215	5.2	15	24	0.15	0.8	0.68	4.95	2.45	3.75	18	5	37.3	●
RSC6.H28WH.6215	6.2	15	28	0.12	0.8	0.58	5.95	2.95	3.95	18	6	37.3	●
RSC6.H26WH.6215	6.2	15	26	0.13	0.8	0.63	5.95	2.95	3.95	18	6	37.3	●
RSC6.H24WH.6215	6.2	15	24	0.15	0.8	0.68	5.95	2.95	3.95	18	6	37.3	●
RSC6.H22WH.6215	6.2	15	22	0.16	1	0.74	5.95	2.95	3.95	18	6	37.3	●
RSC6.H20WH.6215	6.2	15	20	0.17	1	0.81	5.95	2.95	3.95	18	6	37.3	○
R/LSC6.H19WH.6215	6.2	15	19	0.18	1	0.86	5.95	2.95	3.95	18	6	37.3	○/○

内孔螺纹刀 Internal threading



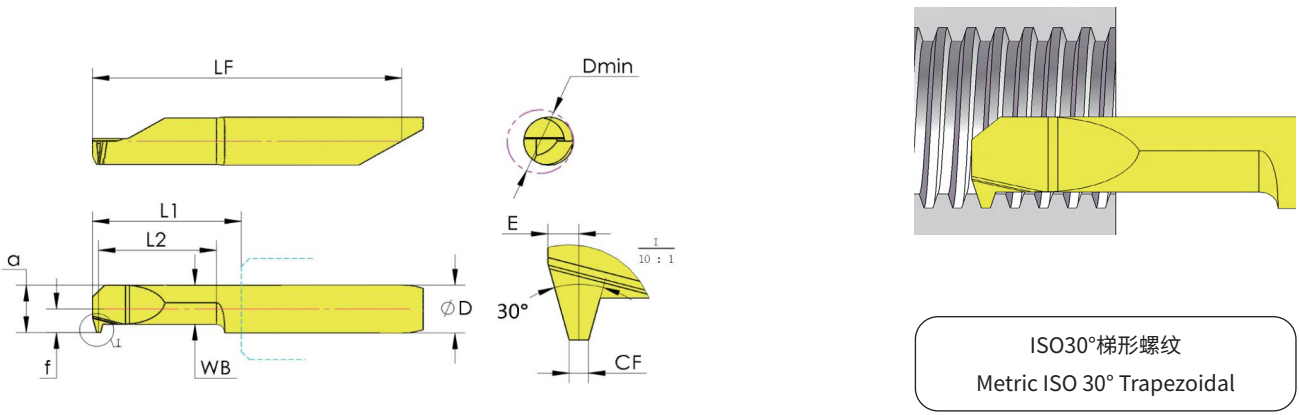
NPT 60°范围牙型
NPT 60° Partial profile
(NPSC, NPTR, LINE PIPE)

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	TPI	CF	E	a	f	WB	L1	D	LF	库存 Stock
RSC6.H27NT.6215	6.2	15	27	0.07	0.8	5.95	2.95	4.25	18	6	37.3	●
R/LSC6.H18NT.6215	6.2	15	18	0.1	1	5.95	2.95	3.95	18	6	37.3	● / ○

内孔螺纹刀 Internal threading



ISO30°梯形螺纹
Metric ISO 30° Trapezoidal

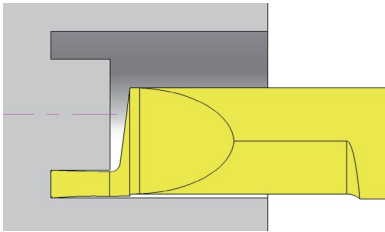
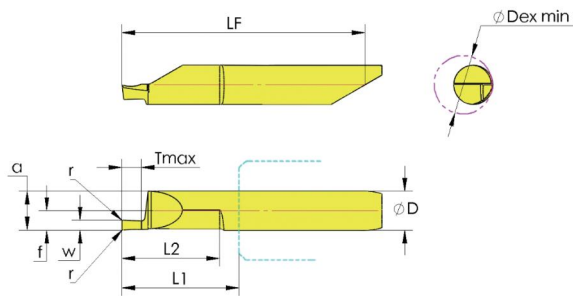
图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	TP	E	CF	f	WB	L1	D	LF	库存 Stock
RSC6.H150TR.6220	6.2	20	1.5	0.6	0.47	2.95	4.9	23	6	42.3	●
RSC6.H200TR.6220	6.2	20	2	0.75	0.6	2.95	4.55	23	6	42.3	●
RSC7.H300TR.7230	7.2	30	3	1.10	0.96	3.45	4.6	33	7	52.3	●

端面槽刀 Face grooving

FONHAE 方瀚



硬质合金端面槽刀
Carbide grooving tool axial

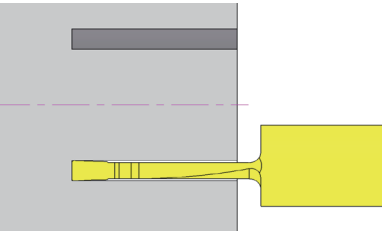
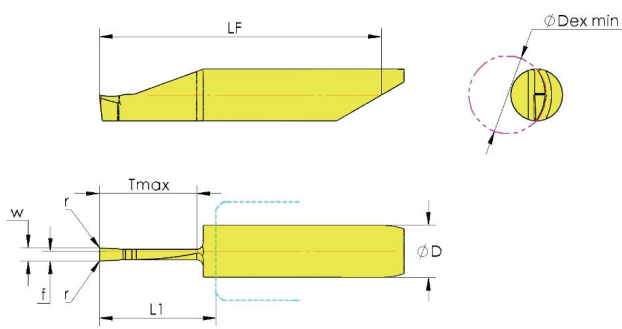
图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	槽外径 D ex min	W	r	Tmax	a	L2	f	L1	D	LF	库存 Stock
R/LSC6.F100.6215A	6.2	1	0.15	2	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F150.6215A	6.2	1.5	0.15	3	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F200.6215A	6.2	2	0.15	4	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F250.6215A	6.2	2.5	0.15	5	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F300.6215A	6.2	3	0.15	6	5.95	15	2.95	18	6	37.3	● / ●

端面槽刀 Face grooving

FONHAE 方瀚



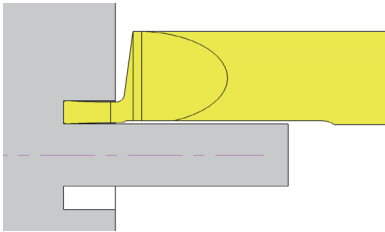
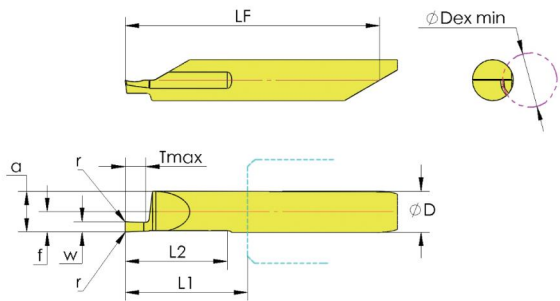
硬质合金端面槽刀
Carbide grooving tool axial

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	槽外径 D ex min	W	r	Tmax	f	L1	D	LF	库存 Stock
R/LSC8.F200.8015A	15	2	0.2	15	1.57	20	8	44.3	● / ○
R/LSC8.F250.8010A	10	2.5	0.2	10	1.82	15	8	39.3	● / ○
R/LSC8.F300.8010A	10	3	0.2	10	2.07	15	8	39.3	● / ○
R/LSC8.F300.8015A	15	3	0.2	15	2.07	20	8	44.3	● / ○
R/LSC8.F400.8010A	10	4	0.2	10	2.49	15	8	39.3	● / ○
R/LSC8.F400.8015A	15	4	0.2	15	2.49	20	8	44.3	● / ○
R/LSC10.F300.10020A	20	3	0.2	20	2.07	28	10	52.3	● / ○
R/LSC10.F300.10025A	25	3	0.2	25	2.07	33	10	57.3	● / ○
R/LSC10.F300.10030A	30	3	0.2	30	2.07	38	10	62.3	● / ○
R/LSC10.F400.10020A	20	4	0.2	20	2.7	28	10	52.3	● / ○
R/LSC10.F400.10025A	25	4	0.2	25	1.65	33	10	57.3	● / ○
R/LSC10.F400.10030A	30	4	0.2	30	2.7	38	10	62.3	● / ○
R/LSC10.F500.10020A	20	5	0.2	20	3.1	28	10	52.3	● / ○
R/LSC10.F500.10025A	25	5	0.2	25	3.1	33	10	57.3	● / ○
R/LSC10.F500.10030A	30	5	0.2	30	3.1	38	10	62.3	● / ○

端面槽刀 Face grooving



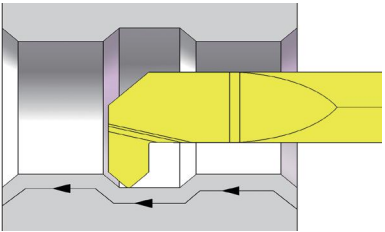
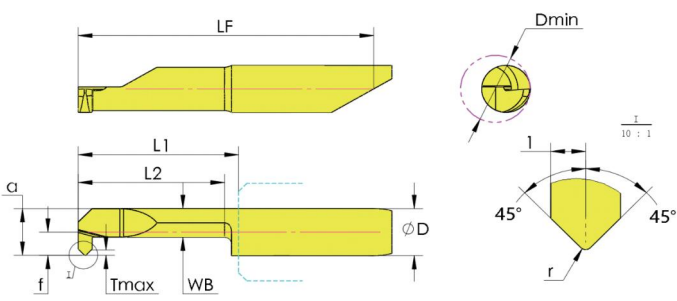
硬质合金端面槽刀
Carbide grooving tool axial

图示为左手
Left hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	槽外径 D ex min	W	r	Tmax	a	L2	f	L1	D	LF	库存 Stock
R/LSC6.F100.6215B	6.2	1	0.15	2	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F150.6215B	6.2	1.5	0.15	3	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F200.6215B	6.2	2	0.15	4	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F250.6215B	6.2	2.5	0.15	5	5.95	15	2.95	18	6	37.3	● / ●
R/LSC6.F300.6215B	6.2	3	0.15	6	5.95	15	2.95	18	6	37.3	● / ●

倒角刀 Chamfering



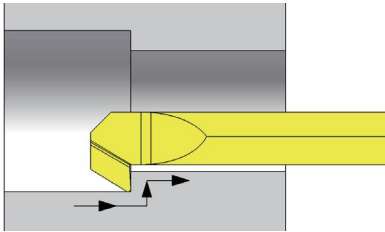
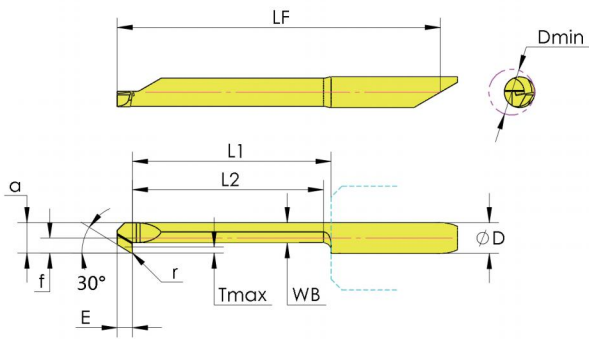
硬质合金内孔倒角刀
Carbide chamfering ID

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC5.T045.20.5215	5.2	15	0.2	0.7	4.95	2.45	3.75	17	5	37.3	● / ●
R/LSC5.T045.20.5220		20						22		42.3	● / ●
R/LSC6.T045.20.6220	6.2	20	0.2	0.7	5.95	2.95	3.95	22	6	42.3	● / ●
R/LSC6.T045.20.6225		25						27		47.3	● / ●
R/LSC7.T045.20.7220	7.2	20	0.2	0.7	6.95	3.45	4.25	22	7	42.3	● / ●
R/LSC7.T045.20.7240		40						42		62.3	● / ●

背镗刀 Back boring



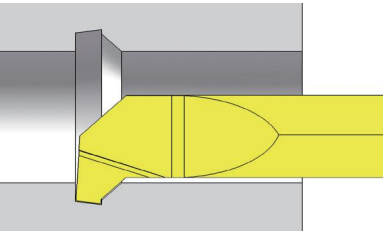
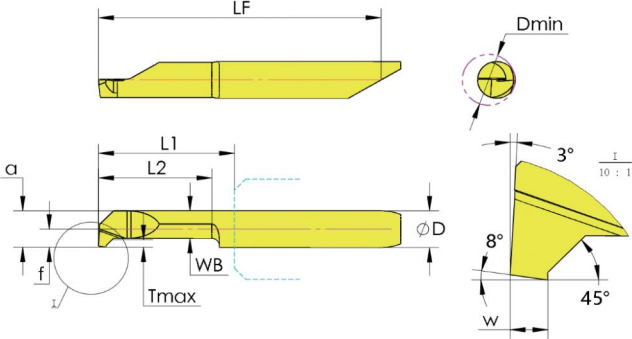
硬质合金内孔背镗刀
Carbide back boring

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	L2	r	Tmax	E	a	f	WB	L1	D	总长	库存 Stock
RSC4.B090.15.4225	4.2	23.4	0.15	0.8	2	3.95	1.95	2.6	26	4	42.3	●
RSC5.B090.15.5230	5.2	28.5	0.2	1	2	4.95	2.45	3.8	31	5	52.3	●
RSC6.B090.15.6230	6.2	28.5	0.2	1.8	2	5.95	2.95	4	31	6	52.3	●
RSC7.B090.15.7230	7.2	27.5	0.2	2.5	3	6.95	3.45	4.10	30	7	52.3	●

预切断刀 Pre-parting off



硬质合金内孔预切断，切断
前内孔倒角，避免切断毛刺
Carbide Pre-cutting-off

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	Dmin	w	L2	Tmax	a	f	WB	L1	D	LF	库存 Stock
R/LSC5.X100.5215	5.2	1	15	0.7	4.95	2.45	3.75	18	5	37.3	●/○
RSC5.X100.5220			20					23		42.3	○
R/LSC5.X100.5225			25					28		47.3	●/○
RSC5.X100.5230			30					33		52.3	○



插刀

- 一次装夹加工轴向轮廓，键槽，花键等。
- 缩短加工时间。
- 提高设备利用率。
- 车床，加工中心和插床均可使用。
- 针对实际工况订制。

Broaching

- Machine keyway, subline with once fixing.
- Lower machining time.
- Lower machine set time.
- Suitable for lathe, machining center and broaching machine.
- Customized upon request.



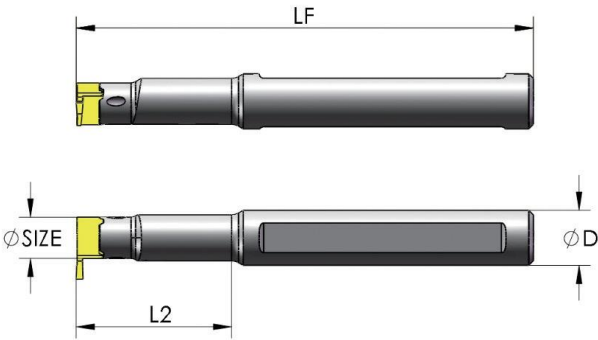
Boring Medium 系列

- 高精度内径切削系列
- 极高的锋利度和刃口质量
- 极小切削力和被加工粗糙度
- 超过100款类型的标准品库存

Boring Medium series

- High-precision inner diameter cutting series
- Extremely high sharpness and edge quality
- Minimal cutting force and roughness to be machined
- More than 100 types of standard products are in stock

BM07系列刀杆 BM07 Holder



最小加工孔径（Dmin）见刀片页面。
Bore $\varnothing$ from the inserts pages.

BMB07.A $\times\times\times\times$ 钢刀杆
BMB07.A $\times\times\times\times$ Steel holder

BMB07.E $\times\times\times\times$ 硬质合金刀杆
BMB07.E $\times\times\times\times$ Tungsten carbide holder

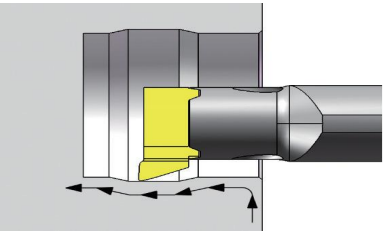
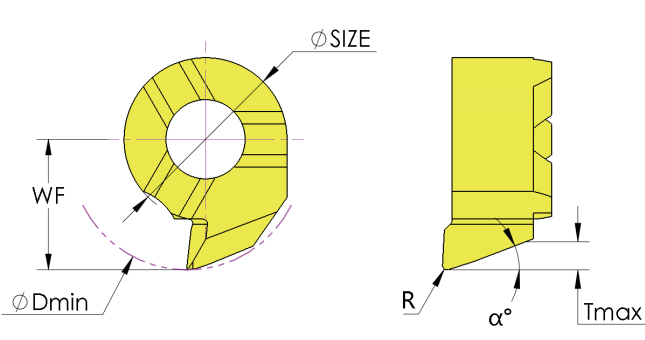
公制内冷刀杆
Holder in Metric with internal coolant

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	D	L2	LF	SIZE	库存 Stock
BMB07.A16.16	16	16	97	07	●
BMB07.A16.24	16	24	105	07	●
BMB07.E12.24	12	24	95	07	○
BMB07.E12.32	12	32	103	07	○
BMB07.E12.48	12	48	118	07	○

BM07系列镗孔刀 BM07 Boring



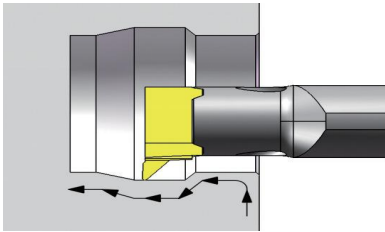
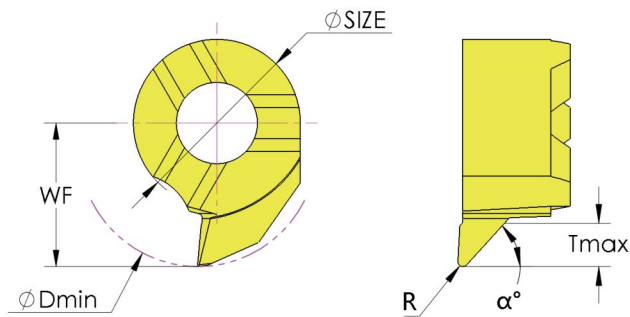
镗孔刀
Boring tools

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	α	R	Tmax	WF	Dmin	库存 Stock
R/LBM07.093.02.10	07	18	0.2	1.8	5.6	10	● / ○
R/LBM07.093.A02.10	07	10	0.2	1.8	5.6	10	● / ○

BM07系列镗孔刀 BM07 Boring



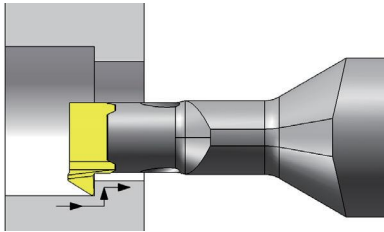
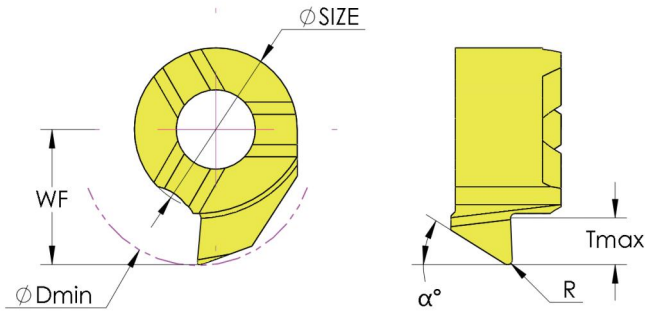
镗孔刀
Boring tools

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	α	R	WF	Dmin	库存 Stock
R/LBM07.E93.02.10	07	47	0.2	6	10	● / ○

BM07系列背镗孔刀 BM07 Back boring



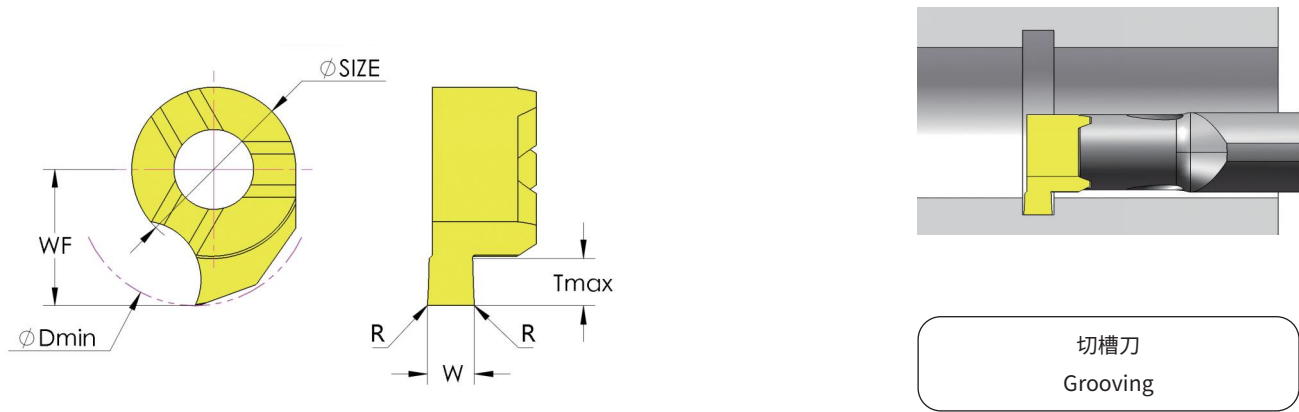
背镗孔刀
Back boring

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	α	R	Tmax	WF	库存 Stock
RBM07.B030.02.10	7	30°	0.2	2.0	5.8	● / ○
RBM07.B030.02.11	7	30°	0.2	2.6	6.8	● / ○

BM07系列切槽刀 BM07 Grooving



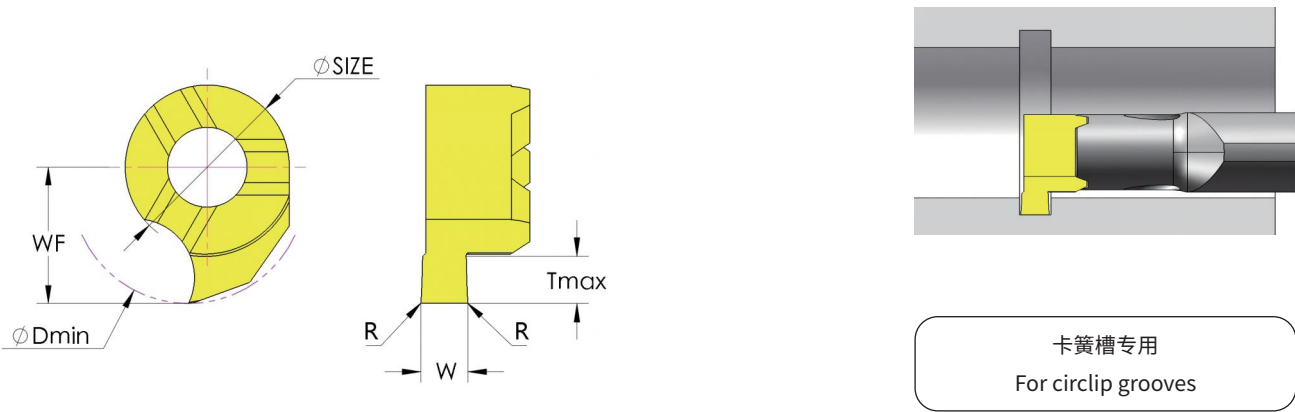
切槽刀
Grooving

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	W	R	Tmax	WF	Dmin	库存 Stock
R/LBM07.G100.00.10	07	1.00	C0.04	1.8	5.8	10	● / ○
R/LBM07.G100.00.11	07	1.00	C0.04	2.8	6.8	11	● / ○
R/LBM07.G100.00.12	07	1.00	C0.04	3.1	7.4	12	● / ○
R/LBM07.G150.00.10	07	1.50	C0.04	1.8	5.8	10	● / ○
R/LBM07.G150.00.11	07	1.50	C0.04	2.8	6.8	11	● / ○
R/LBM07.G150.00.12	07	1.50	C0.04	3.4	7.4	12	● / ○
R/LBM07.G200.00.10	07	2.00	C0.04	1.8	5.8	10	● / ○
R/LBM07.G200.00.11	07	2.00	C0.04	2.8	6.8	11	● / ○
R/LBM07.G200.00.12	07	2.00	C0.04	3.4	7.4	12	● / ○
R/LBM07.G250.00.10	07	2.50	C0.04	1.8	5.8	10	● / ○
R/LBM07.G250.00.11	07	2.50	C0.04	2.8	6.8	11	● / ○
R/LBM07.G300.00.10	07	3.00	C0.04	1.8	5.8	10	● / ○
R/LBM07.G300.00.11	07	3.00	C0.04	2.8	6.8	11	● / ○
R/LBM07.G318.00.10	07	3.18	C0.04	1.8	5.8	10	● / ○
R/LBM07.G318.00.11	07	3.18	C0.04	2.8	6.8	11	● / ○

BM07系列切槽刀 BM07 Grooving



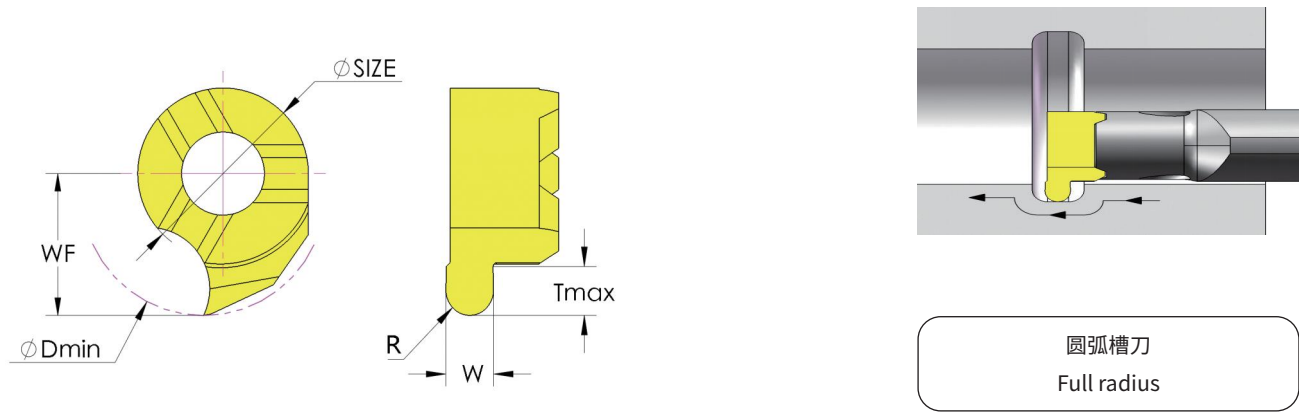
卡簧槽专用
For circlip grooves

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	W	R	Tmax	WF	Dmin	库存 Stock
R/LBM07.G070.00.10	07	0.73	C0.04	1.2	5.8	10	● / ○
R/LBM07.G080.00.10	07	0.83	C0.04	1.3	5.8	10	● / ○
R/LBM07.G090.00.10	07	0.93	C0.04	1.5	5.8	10	● / ○
R/LBM07.G120.00.10	07	1.20	C0.04	1.8	5.8	10	● / ○
R/LBM07.G140.00.10	07	1.40	C0.04	1.8	5.8	10	● / ○
R/LBM07.G170.00.10	07	1.70	C0.04	1.8	5.8	10	● / ○

BM07系列切槽刀 BM07 Grooving



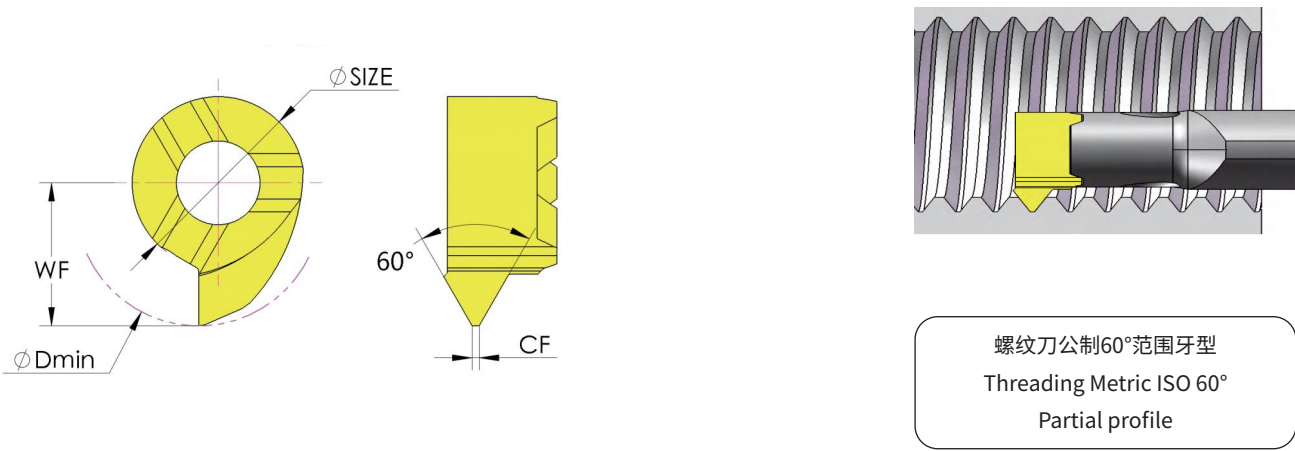
圆弧槽刀
Full radius

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	W	R	Tmax	WF	Dmin	库存 Stock
R/LBM07.R080.04.10	07	0.8	0.4	1.8	5.8	10	● / ○
R/LBM07.R120.06.10	07	1.2	0.6	1.8	5.8	10	● / ○
R/LBM07.R180.09.10	07	1.8	0.9	1.8	5.8	10	● / ○
R/LBM07.R200.10.10	07	2.0	1.0	1.8	5.8	10	● / ○

BM07系列螺纹刀 BM07 Threading



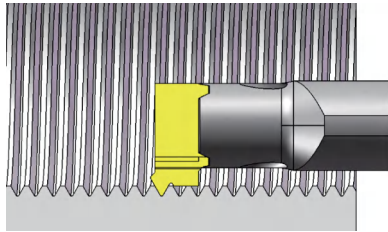
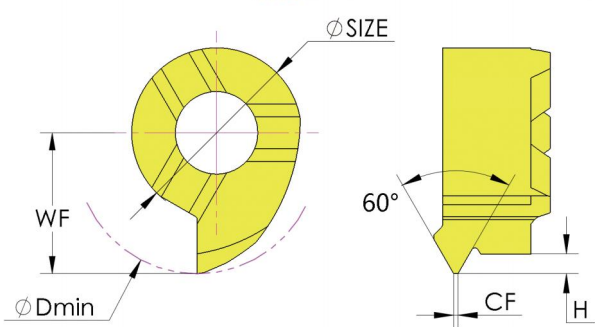
螺纹刀公制60°范围牙型
Threading Metric ISO 60°
Partial profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	P	Pmax	CF	WF	HA	Dmin	库存 Stock
R/LBM07.H050VM.10	07	0.50	0.75	0.1	5.8	0.5	10	● / ○
R/LBM07.H100VM.10	07	1.00	1.25	0.1	5.8	0.8	10	● / ○
R/LBM07.H150VM.10	07	1.50	1.75	0.2	5.8	1.1	10	● / ○
R/LBM07.H200VM.10	07	2.00	2.50	0.3	5.8	1.6	10	● / ○
R/LBM07.H250VM.10	07	2.50	3.00	0.3	5.8	2.0	10	● / ○

BM07系列螺纹刀 BM07 Threading



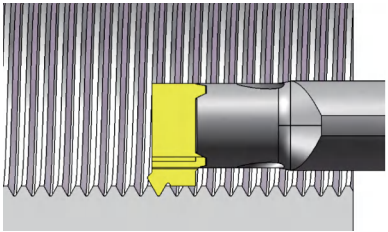
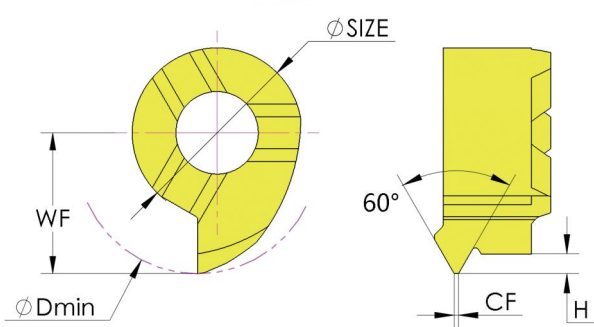
螺纹刀公制60°全型牙
Threading Metric ISO 60° Full profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	P	H	CF	WF	Dmin	库存 Stock
R/LBM07.H050MM.10	07	0.50	0.27	0.06	5.8	10	● / ○
R/LBM07.H100MM.10	07	1.00	0.54	0.12	5.8	10	● / ○
R/LBM07.H150MM.10	07	1.50	0.81	0.19	5.8	10	● / ○
R/LBM07.H175MM.10	07	1.75	0.95	0.22	5.8	10	● / ○
R/LBM07.H200MM.10	07	2.00	1.08	0.25	5.8	10	● / ○
R/LBM07.H250MM.10	07	2.50	1.35	0.31	5.8	10	● / ○

BM07系列螺纹刀 BM07 Threading



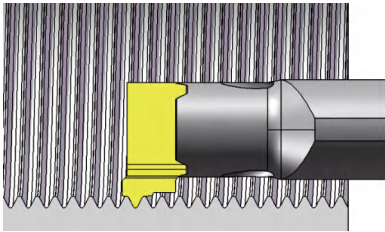
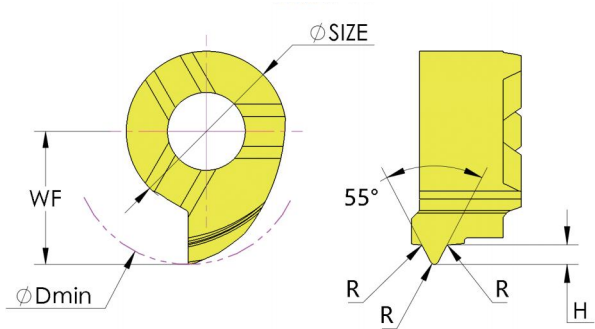
螺纹刀UN 60°全牙型
Threading UN 60° Full profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	TPI	H	CF	WF	Dmin	库存 Stock
R/LBM07.H320UN.10	07	32	0.42	0.10	5.8	10	● / ○
R/LBM07.H280UN.10	07	28	0.49	0.11	5.8	10	● / ○
R/LBM07.H240UN.10	07	24	0.57	0.13	5.8	10	● / ○
R/LBM07.H200UN.10	07	20	0.68	0.15	5.8	10	● / ○
R/LBM07.H180UN.10	07	18	0.76	0.17	5.8	10	● / ○
R/LBM07.H160UN.10	07	16	0.86	0.19	5.8	10	● / ○
R/LBM07.H140UN.10	07	14	0.98	0.22	5.8	10	● / ○

BM07系列螺纹刀 BM07 Threading



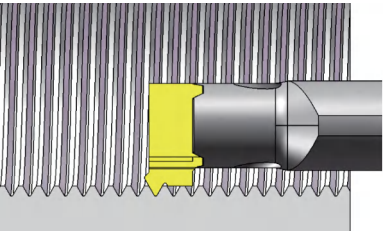
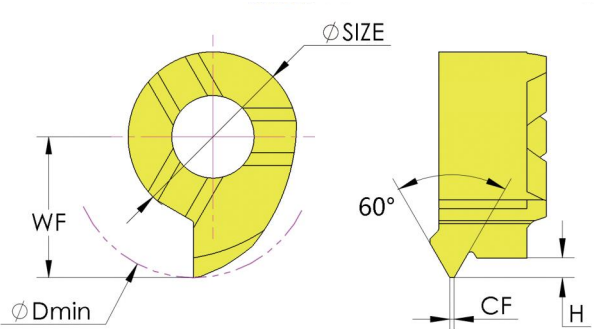
螺纹刀惠氏55° 全牙型
Whitworth 55° Full profile
(BSW, BSF, BSP)

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	TPI	H	R	WF	Dmin	库存 Stock
R/LBM07.H190WH.10	07	19	0.85	0.18	5.8	10	● / ○
R/LBM07.H140WH.10	07	14	1.16	0.24	5.8	10	● / ○
R/LBM07.H110WH.10	07	11	1.48	0.31	5.8	10	● / ○

BM07系列螺纹刀 BM07 Threading



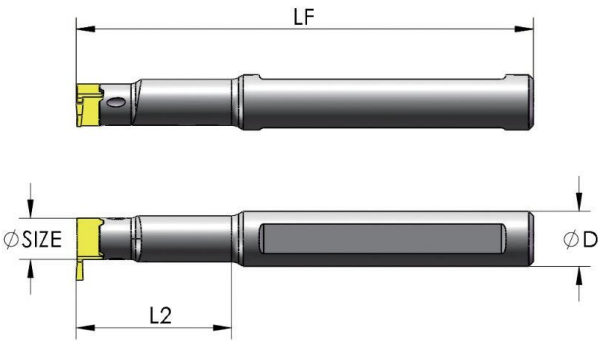
螺纹刀NPT 60° 全牙型
NPT 60° Full profile
(NPSC, NPTR, LINE PIPE)

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	TPI	H	CF	WF	Dmin	库存 Stock
R/LBM07.H180NT.10	07	18	1.19	0.05	5.8	10	● / ○
R/LBM07.H140NT.10	07	14	1.48	0.07	5.8	10	● / ○

BM09系列刀杆 BM09 Holder



BMB09.A××.××钢刀杆
BMB09.A××.××Steel holder

BMB09.E××.××硬质合金刀杆
BMB09.E××.××Tungsten carbide holder

公制内冷刀杆
Holder in Metric with internal coolant

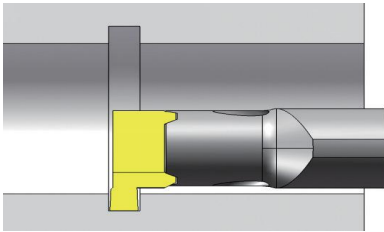
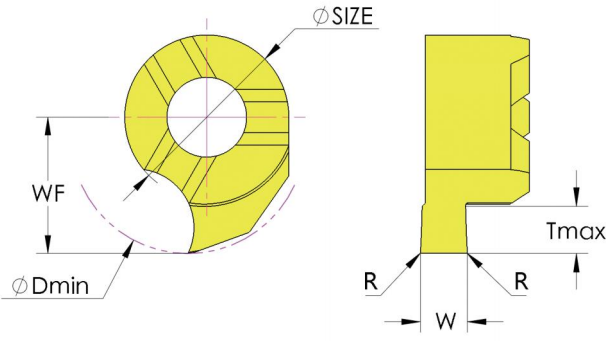
最小加工孔径（Dmin）见刀片页面。
Bore $\varnothing$ from the inserts pages.

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	D	L2	LF	SIZE	库存 Stock
BMB09.A16.20	16	20	100	09	●
BMB09.A16.34	16	34	114	09	●
BMB09.E16.34	16	34	105	09	○
BMB09.E16.45	16	45	115	09	●
BMB09.E16.64	16	64	135	09	●

BM09系列切槽刀 BM09 Grooving



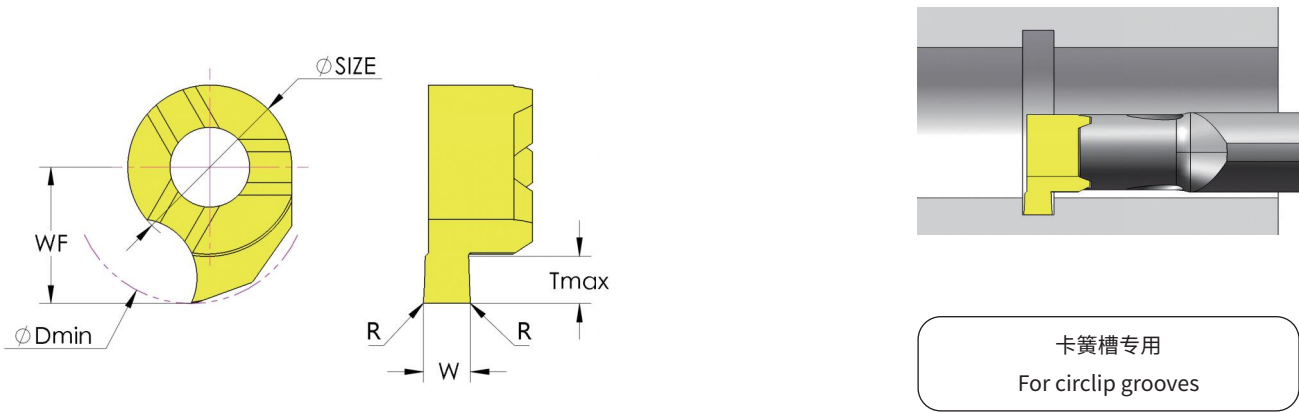
切槽刀
Grooving

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	W	R	Tmax	WF	Dmin	库存 Stock
R/LBM09.G100.00.14	09	1.00	C0.04	4	9	14	●/○
R/LBM09.G150.00.14	09	1.50	C0.04	4	9	14	●/○
R/LBM09.G150.00.16	09	1.50	C0.04	5.5	10.5	16	●/○
R/LBM09.G150.00.17	09	1.50	C0.04	6.5	11.5	17	●/○
R/LBM09.G150.02.14	09	1.50	0.20	4	9	14	●/○
R/LBM09.G200.00.14	09	2.00	C0.04	4	9	14	●/○
R/LBM09.G200.00.16	09	2.00	C0.04	5.5	10.5	16	●/○
R/LBM09.G200.00.17	09	2.00	C0.04	6.5	11.5	17	●/○
R/LBM09.G200.02.14	09	2.00	0.20	4	9	14	●/○
R/LBM09.G200.02.16	09	2.00	0.20	5.5	10.5	16	●/○
R/LBM09.G250.00.14	09	2.50	C0.04	4	9	14	●/○
R/LBM09.G250.00.16	09	2.50	C0.04	5.5	10.5	16	●/○
R/LBM09.G250.00.17	09	2.50	C0.04	6.5	11.5	17	●/○
R/LBM09.G250.02.16	09	2.50	0.20	5.5	10.5	16	●/○
R/LBM09.G300.00.14	09	3.00	C0.04	4	9	14	●/○
R/LBM09.G300.00.16	09	3.00	C0.04	5.5	10.5	16	●/○
R/LBM09.G300.00.17	09	3.00	C0.04	6.5	11.5	17	●/○
R/LBM09.G300.02.16	09	3.00	0.20	5.5	10.5	16	●/○
R/LBM09.G318.00.14	09	3.18	C0.04	4	9	14	●/○

BM09系列切槽刀 BM09 Grooving

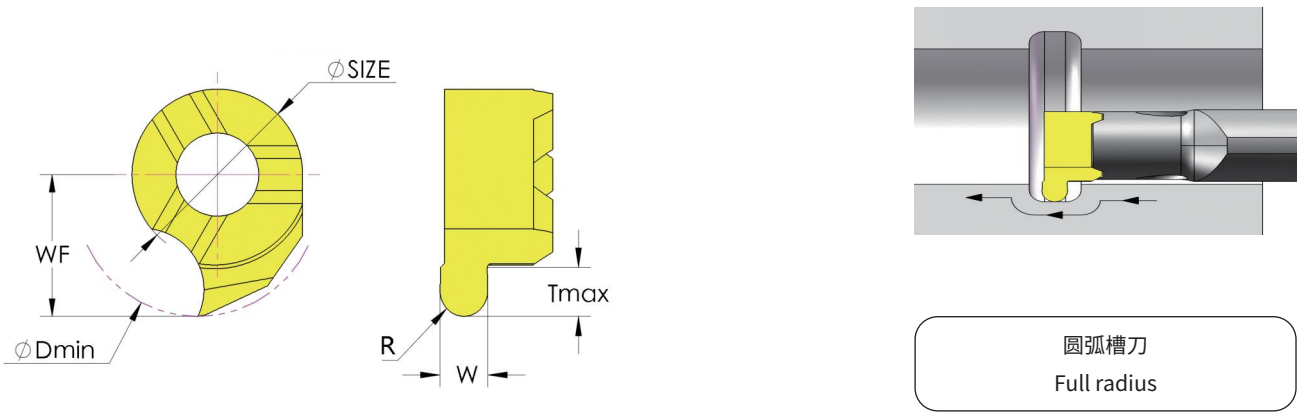


图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	W	R	Tmax	WF	Dmin	库存 Stock
R/LBM09.G070.00.14	09	0.73	C0.04	1.20	9	14	● / ○
R/LBM09.G080.00.14	09	0.83	C0.04	1.30	9	14	● / ○
R/LBM09.G090.00.14	09	0.93	C0.04	1.50	9	14	● / ○
R/LBM09.G120.00.14	09	1.20	C0.04	4.00	9	14	● / ○
R/LBM09.G140.00.14	09	1.40	C0.04	4.00	9	14	● / ○
R/LBM09.G170.00.14	09	1.70	C0.04	4.00	9	14	● / ○

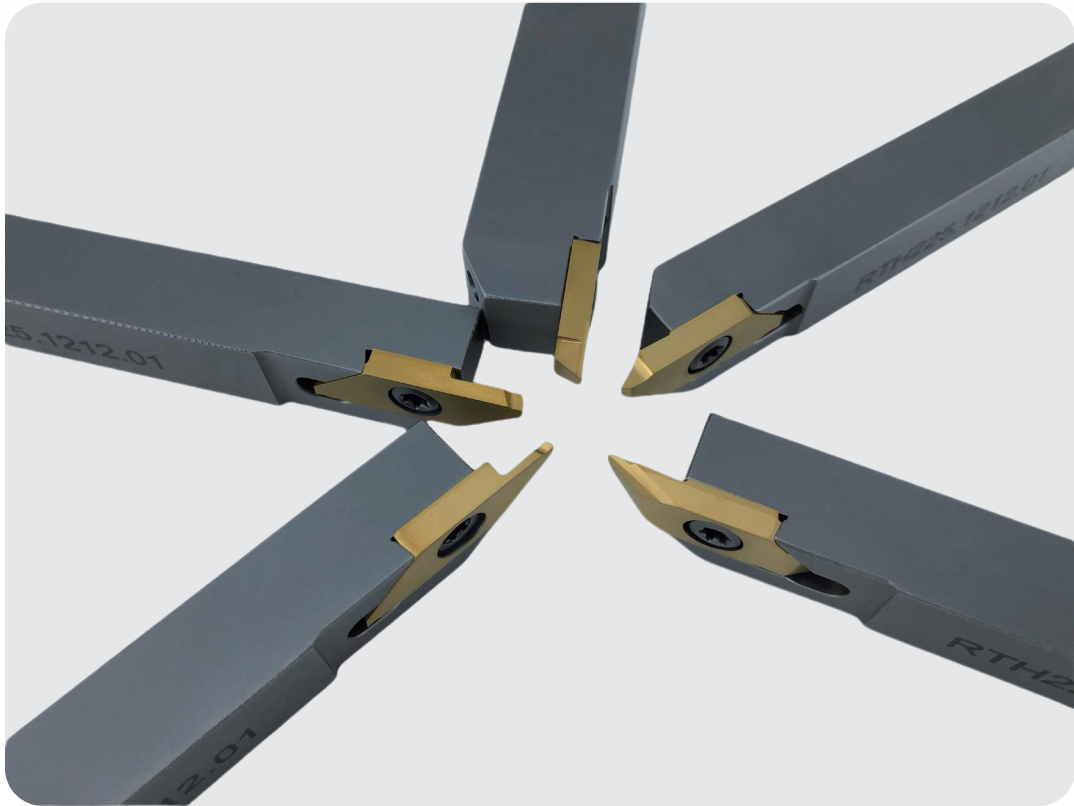
BM09系列切槽刀 BM09 Grooving



图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	SIZE	W	R	Tmax	WF	Dmin	库存 Stock
R/LBM09.R080.04.14	09	0.8	0.4	4	9	14	● / ○
R/LBM09.R120.06.14	09	1.2	0.6	4	9	14	● / ○
R/LBM09.R180.09.14	09	1.8	0.9	4	9	14	● / ○
R/LBM09.R200.10.14	09	2.0	1.0	4	9	14	● / ○
R/LBM09.R220.11.14	09	2.2	1.1	4	9	14	● / ○

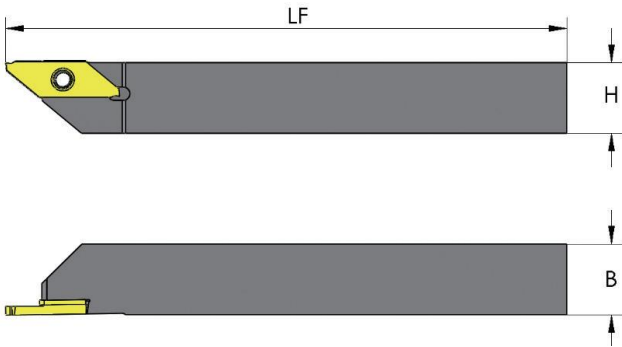


225 系列

- 高精度外径切削系列
- 极高的锋利度和刀口质量
- 极小切削力和被加工粗糙度
- 超过100款类型的标准品库存

225 series

- High-precision outer diameter cutting series
- Extremely high sharpness and edge quality
- Minimal cutting force and roughness to be machined
- More than 100 types of standard products are in stock



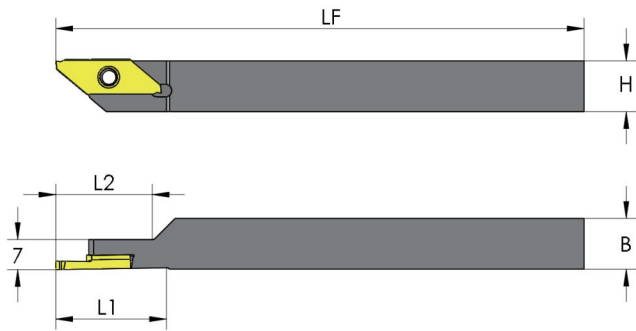
公制钢刀杆
Steel holder in Metric

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	B	H	LF	Tmax	库存 Stock
R/LTH225.1010.01	10	10	125	8	● / ●
R/LTH225.1212.01	12	12	125	8	● / ●
R/LTH225.1616.01	16	16	125	8	● / ●
R/LTH225.2020.01	20	20	125	8	● / ●

刀杆 Holder



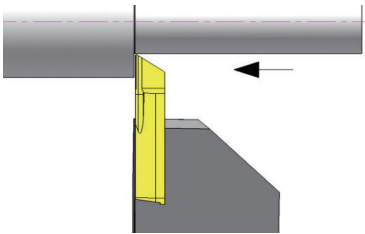
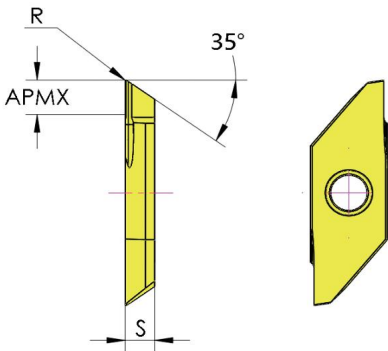
公制钢刀杆适用于副主轴切断
Steel holder in Metric For Parting off

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	B	H	L2	LF	Tmax	库存 Stock
RTH225.1010.X.01	10	10	20	125	8.5	● / ●
RTH225.1212.X.01	12	12	20	125	8.5	● / ●

前扫刀 Front turning



前扫刀
Front turning

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	R	APMX	库存 Stock
R/LT225.F003	3.2	0.03	4	● / ●
R/LT225.F005	3.2	0.05	4	● / ●
R/LT225.F010	3.2	0.10	4	● / ●
R/LT225.F020	3.2	0.20	4	● / ●

后扫刀 Back turning

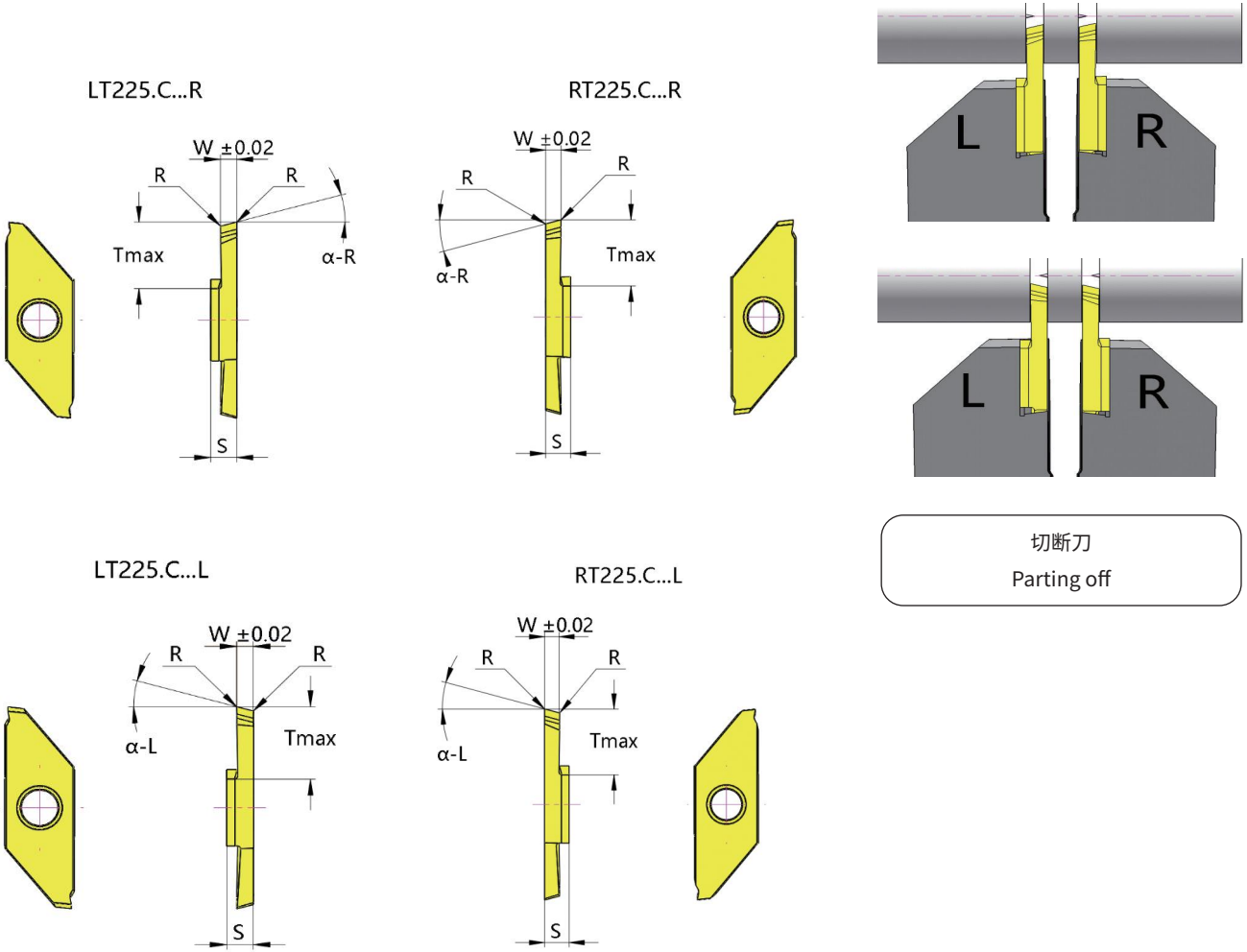


图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	R	APMX	库存 Stock
R/LT225.B003	3.2	0.03	4	● / ●
R/LT225.B005	3.2	0.05	4	● / ●
R/LT225.B010	3.2	0.10	4	● / ●
R/LT225.B020	3.2	0.20	4	● / ●

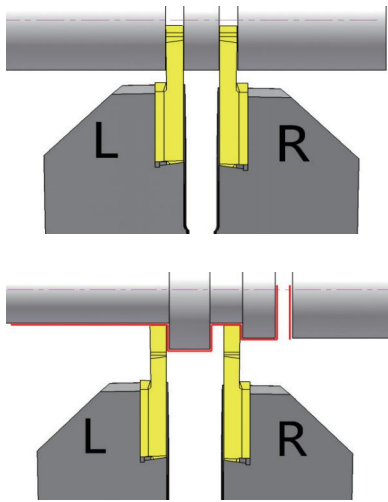
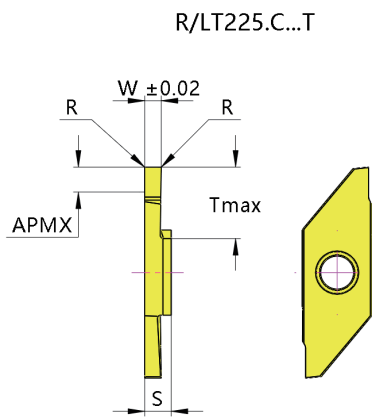
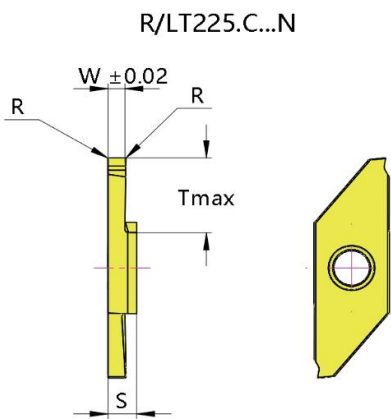
切断刀 Parting off



● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	W	R	Tmax	a-L	a-R	库存 Stock
R/LT225.C070R	3.2	0.70	0.05	4.3		15°	● / ●
R/LT225.C100R	3.2	1.00	0.05	6.3		15°	● / ●
R/LT225.C150R	3.2	1.50	0.05	6.3		15°	● / ●
R/LT225.C200R	3.2	2.00	0.05	8.5		15°	● / ●
R/LT225.C150R20	3.2	1.50	0.05	6.3		20°	● / ●
R/LT225.C200R20	3.2	2.00	0.05	8.5		20°	● / ●
R/LT225.C070L	3.2	0.70	0.05	4.3	15°		● / ●
R/LT225.C100L	3.2	1.00	0.05	6.3	15°		● / ●
R/LT225.C150L	3.2	1.50	0.05	6.3	15°		● / ●
R/LT225.C200L	3.2	2.00	0.05	8.5	15°		● / ●

切断刀 Parting off



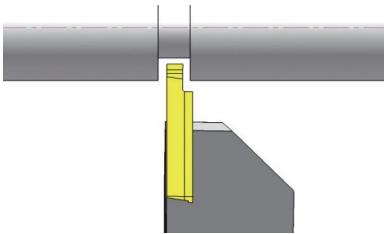
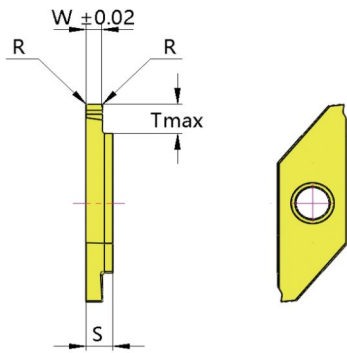
切断刀
Parting off

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	W	R	Tmax	APMX	库存 Stock
R/LT225.C070N	3.2	0.70	0.05	4.3		● / ●
R/LT225.C100N	3.2	1.00	0.05	6.3		● / ●
R/LT225.C150N	3.2	1.50	0.05	6.3		● / ●
R/LT225.C200N	3.2	2.00	0.05	8.5		● / ●
R/LT225.C100T	3.2	1.00	0.05	6.3	1.5	● / ●
R/LT225.C150T	3.2	1.50	0.05	6.3	3	● / ●
R/LT225.C200T	3.2	2.00	0.05	8.5	3	● / ●
R/LT225.C250T	3.2	2.50	0.05	8.5	3	● / ●

切槽刀 Grooving



切槽刀
Grooving

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	W	R	Tmax	库存 Stock
R/LT225.G050	3.2	0.50	0.05	1.3	● / ●
R/LT225.G075	3.2	0.75	0.05	2.5	● / ●
R/LT225.G100	3.2	1.00	0.05	2.7	● / ●
R/LT225.G125	3.2	1.25	0.05	2.7	● / ●
R/LT225.G150	3.2	1.50	0.05	3.7	● / ●
R/LT225.G175	3.2	1.75	0.05	3.7	● / ●
R/LT225.G200	3.2	2.00	0.05	3.7	● / ●
R/LT225.G250	3.2	2.50	0.05	3.7	● / ●

切槽刀 Grooving



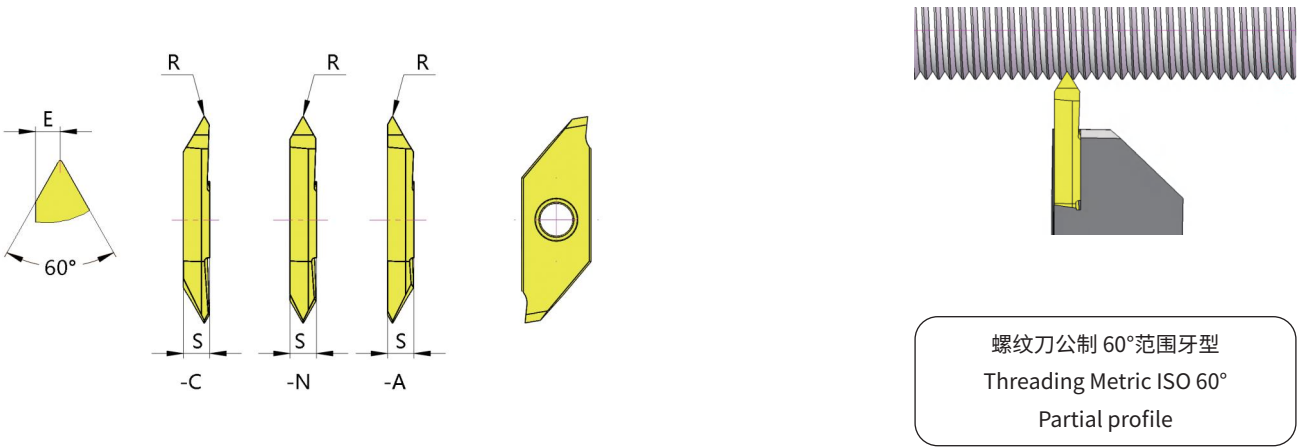
圆头切槽刀
Grooving Full radius

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	W	R	Tmax	库存 Stock
LT225.P080	3.2	0.80	0.40	3.8	●
LT225.P125	3.2	1.25	0.625	4.0	●
LT225.P160	3.2	1.60	0.80	4.0	●
LT225.P250	3.2	2.50	1.25	4.0	●

螺纹刀 Threading

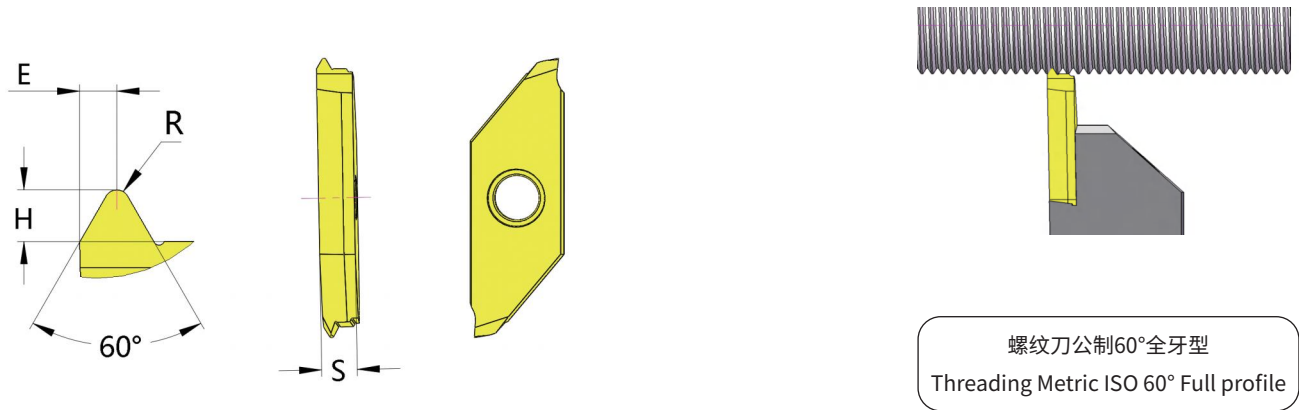


螺纹刀公制 60°范围牙型
Threading Metric ISO 60°
Partial profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	P	Pmax	R	E	库存 Stock
R/LT225.T60A	3.2	0.4	1.0	0.05	0.60	● / ●
R/LT225.T60C	3.2	0.4	1.0	0.05	2.6	● / ●
R/LT225.T60N	3.2	0.4	2.0	0.05	1.59	● / ●



螺纹刀公制60°全牙型
Threading Metric ISO 60° Full profile

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	S	P	R	H	E	库存 Stock
R/LT225.MMF01.020A	3.2	0.20	0.03	0.12	0.23	● / ●
R/LT225.MMF01.025A	3.2	0.25	0.04	0.15	0.28	● / ●
R/LT225.MMF01.030A	3.2	0.30	0.04	0.19	0.28	● / ●
R/LT225.MMF01.035A	3.2	0.35	0.05	0.22	0.32	● / ●
R/LT225.MMF01.040A	3.2	0.40	0.06	0.25	0.38	● / ●
R/LT225.MMF01.045A	3.2	0.45	0.06	0.28	0.38	● / ●
R/LT225.MMF01.050A	3.2	0.50	0.07	0.31	0.48	● / ●
R/LT225.MMF01.070A	3.2	0.70	0.10	0.43	0.38	● / ●
R/LT225.MMF01.075A	3.2	0.75	0.11	0.46	0.38	● / ●
R/LT225.MMF01.080A	3.2	0.80	0.11	0.49	0.38	● / ●
R/LT225.MMF01.100A	3.2	1.00	0.12	0.61	0.38	● / ●
R/LT225.MMF01.125A	3.2	1.25	0.15	0.77	0.38	● / ●
R/LT225.MMF01.150A	3.2	1.50	0.22	0.92	0.38	● / ●



DCGT刀片 DCGT Insert



兼顾锋利性和强度，适合不锈钢，钛合金，合金工具钢半精加工，精加工槽型。
Both sharpness and strength,suitable for stainless,titanium,alloy tool steel semi-finishing,finishing geometry.
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

形状 Shape	刀片型号 Order number		尺寸 Size（mm）			涂层硬质合金 Grade	
			内接圆 IC	厚度 Thickness	刀角 R	FH650M	FH550T
	DCGT	0702005EN-SMF	6.35	2.38	<0.05	●	●
		070201EN-SMF	6.35	2.38	<0.1	●	●
		070202EN-SMF	6.35	2.38	<0.2	●	●
		11T3005EN-SMF	9.525	3.97	<0.05	●	●
		11T301EN-SMF	9.525	3.97	<0.1	●	●
		11T302EN-SMF	9.525	3.97	<0.2	●	●
		11T304EN-SMF	9.525	3.97	<0.4	●	●

涂层牌号：FH650M
Grade: FH650M
涂层颜色：古铜色
Color: Bronze
应用范围：不锈钢、合金钢、钛合金（难加工材料）
Application: Stainless,Alloy,Titanium(Heat resistant alloy)

涂层牌号：FH550T
Grade: FH550T
涂层颜色：黑色
Color: Black
应用范围：不锈钢303、易削钢、碳钢（通用性好）
Application: Stainless303,Easy cut steel,Steel(General application)

TNGG刀片 TNGG Insert



兼顾锋利性和大范围切屑处理能力，适用范围广。
Both sharpness and a wide range of chip handing capacity,a wide range of applications.
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

形状 Shape	刀片型号 Order number		尺寸 Size（mm）			涂层硬质合金 Grade	
			内接圆 IC	厚度 Thickness	刀角 R	FH650M	FH550T
	TNGG	160401EN-DSF	9.525	4.76	<0.1	●	●
		160402EN-DSF	9.525	4.76	<0.2	●	●
		160404EN-DSF	9.525	4.76	<0.4	●	●

涂层牌号：FH650M
Grade: FH650M
涂层颜色：古铜色
Color: Bronze
应用范围：不锈钢、合金钢、钛合金（难加工材料）
Application: Stainless,Alloy,Titanium(Heat resistant alloy)

涂层牌号：FH550T
Grade: FH550T
涂层颜色：黑色
Color: Black
应用范围：不锈钢303、易削钢、碳钢（通用性好）
Application: Stainless303,Easy cut steel,Steel(General application)

VBGT/VCGT刀片 VBGT/VCGT Insert



兼顾锋利性和强度，适合不锈钢，钛合金，合金工具钢半精加工，精加工槽型。
Both sharpness and strength,suitable for stainless,titanium,alloy tool steel semi-finishing,finishing geometry.
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

形状 Shape	刀片型号 Order number		尺寸 Size (mm)			涂层硬质合金 Grade	
			内接圆 IC	厚度 Thickness	刀角 R	FH650M	FH550T
	VBGT	1103005EN-SMF	6.35	3.18	<0.05	●	●
		110301EN-SMF	6.35	3.18	<0.1	●	●
		110302EN-SMF	6.35	3.18	<0.2	●	●
	VCGT	1103005EN-SMF	6.35	3.18	<0.05	●	●
		110301EN-SMF	6.35	3.18	<0.1	●	●
		110302EN-SMF	6.35	3.18	<0.2	●	●

涂层牌号：FH650M Grade: FH650M 涂层颜色：古铜色 Color: Bronze 应用范围：不锈钢、合金钢、钛合金（难加工材料） Application: Stainless,Alloy,Titanium(Heat resistant alloy)	涂层牌号：FH550T Grade: FH550T 涂层颜色：黑色 Color: Black 应用范围：不锈钢303、易削钢、碳钢（通用性好） Application: Stainless303,Easy cut steel,Steel(General application)
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CCGT刀片 CCGT Insert

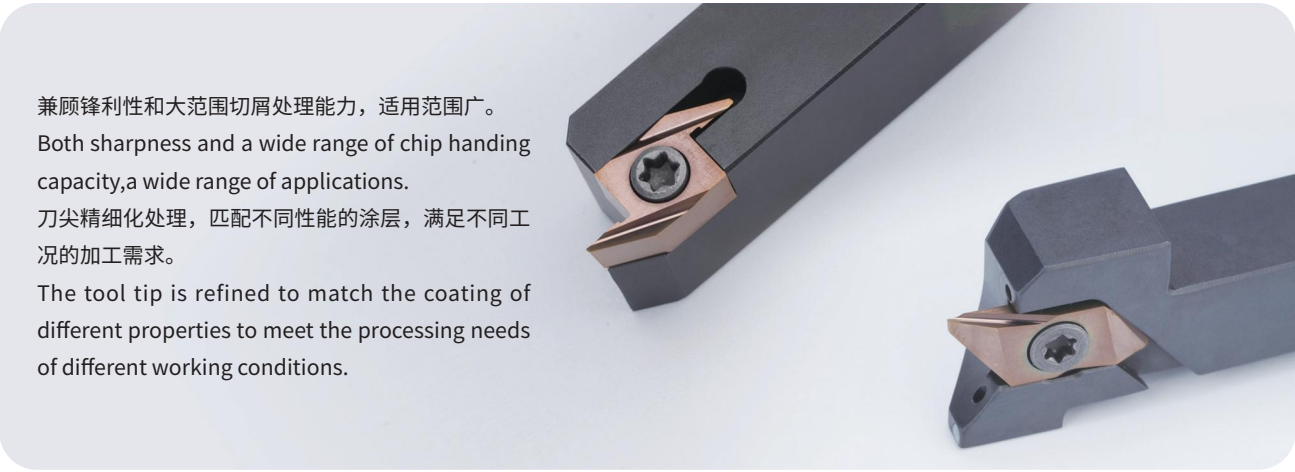


兼顾锋利性和强度，适合不锈钢，钛合金，合金工具钢半精加工，精加工槽型。
Both sharpness and strength,suitable for stainless,titanium,alloy tool steel semi-finishing,finishing geometry.
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

形状 Shape	刀片型号 Order number		尺寸 Size (mm)			涂层硬质合金 Grade	
			内接圆 IC	厚度 Thickness	刀角 R	FH650M	FH550T
	CCGT	060201EN-SMF	6.35	2.38	<0.1	●	●
		060202EN-SMF	6.35	2.38	<0.2	●	●
		060204EN-SMF	6.35	2.38	<0.4	●	●
		09T3005EN-SMF	9.525	3.97	<0.05	●	●
		09T301EN-SMF	9.525	3.97	<0.1	●	●
		09T302EN-SMF	9.525	3.97	<0.2	●	●
		09T304EN-SMF	9.525	3.97	<0.4	●	●

涂层牌号：FH650M Grade: FH650M 涂层颜色：古铜色 Color: Bronze 应用范围：不锈钢、合金钢、钛合金（难加工材料） Application: Stainless,Alloy,Titanium(Heat resistant alloy)	涂层牌号：FH550T Grade: FH550T 涂层颜色：黑色 Color: Black 应用范围：不锈钢303、易削钢、碳钢（通用性好） Application: Stainless303,Easy cut steel,Steel(General application)
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后扫刀片 Back turning



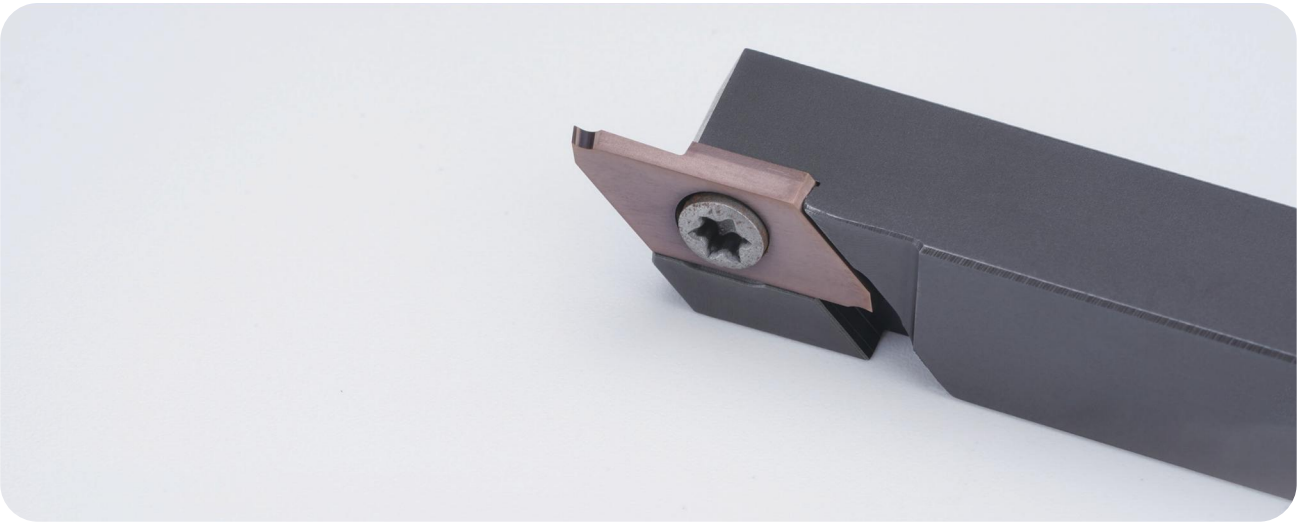
形状 Shape	刀片型号 Order number		尺寸 Size（mm）			涂层硬质合金 Grade	
			内接圆 IC	厚度 Thickness	刀角 R	FH650M	FH550T
	FH-ABS	15FR4005	7.0	3.97	0.05	●	●
		15FR4015	7.0	3.97	0.15	●	●
		15FR4005M	7.0	3.97	<0.05	●	●
		15FR4015M	7.0	3.97	<0.15	●	●
	FH-ABW	15FR4005	7.0	3.97	0.05	○	○
		15FR4015	7.0	3.97	0.15	○	○
		15FR4005M	7.0	3.97	<0.05	○	○
		15FR4015M	7.0	3.97	<0.15	○	○
	FH-ABW	23FR4005	7.0	3.97	0.05	●	●
		23FR4015	7.0	3.97	0.15	●	●
		23FR4005M	7.0	3.97	<0.05	●	●
		23FR4015M	7.0	3.97	<0.15	●	●

形状 Shape	刀片型号 Order number		尺寸 Size（mm）			涂层硬质合金 Grade	
			内接圆 IC	厚度 Thickness	刀角 R	FH650M	FH550T
	FH-TBP	60FR00	8	2.5	0.00	●	●
		60FR05	8	2.5	<0.05	●	●
		60FR10	8	2.5	<0.10	●	●
	FH-TBPA	60FR05	9.4	3.5	<0.05	○	○
		60FR10	9.4	3.5	<0.1	○	○
		60FR15	9.4	3.5	<0.15	○	○

涂层牌号：FH650M
Grade: FH650M
涂层颜色：古铜色
Color: Bronze
应用范围：不锈钢、合金钢、钛合金（难加工材料）
Application: Stainless,Alloy,Titanium(Heat resistant alloy)

涂层牌号：FH550T
Grade: FH550T
涂层颜色：黑色
Color: Black
应用范围：不锈钢303、易削钢、碳钢（通用性好）
Application: Stainless303,Easy cut steel,Steel(General application)

切断刀片 Parting off



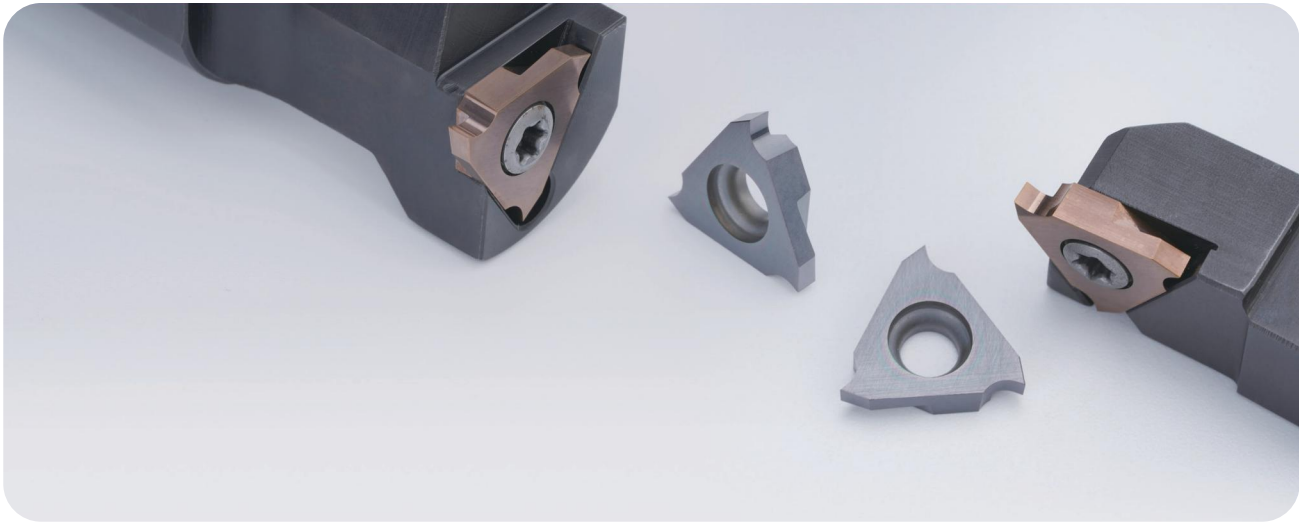
兼顾锋利性和大范围切屑处理能力，适用范围广。
Both sharpness and a wide range of chip handling capacity,a wide range of applications.
刀尖精细化处理，匹配不同性能的涂层，满足不同工况的加工需求。
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

形状 Shape	刀片型号 Order number		尺寸 Size（mm）			涂层硬质合金 Grade	
			W	L	刀角 R	FH650M	FH550T
	FH-CTP	07FR/L-U	0.70	4.5	0.04	●	●
		10FR/L-SHU	1.00	4.1	0.05	●	●
		10FR/L-U	1.00	6.7	0.05	●	●
		15FR/L-U	1.50	6.7	0.08	●	●
		20FR/L-U	2.00	6.7	0.08	●	●
		10FR/LN-SHU	1.00	4.1	0.05	●	●
		10FR/LN-U	1.00	6.7	0.05	●	●
		15FR/LN-U	1.50	6.7	0.08	●	●
	FH-CTPA	20FR/LN-U	2.00	6.7	0.08	●	●
		10FR/L-U	1.00	6.7	0.05	●	●
		15FR/L-U	1.50	9.2	0.08	●	●
		20FR/L-U	2.00	9.2	0.08	●	●
		07FR/LN-U	0.70	4.5	0.05	●	●
		10FR/LN-U	1.00	6.7	0.05	●	●
		15FR/LN-U	1.50	9.2	0.08	●	●
		20FR/LN-U	2.00	9.2	0.08	●	●

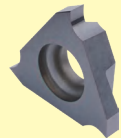
涂层牌号：FH650M
Grade: FH650M
涂层颜色：古铜色
Color: Bronze
应用范围：不锈钢、合金钢、钛合金（难加工材料）
Application: Stainless,Alloy,Titanium(Heat resistant alloy)

涂层牌号：FH550T
Grade: FH550T
涂层颜色：黑色
Color: Black
应用范围：不锈钢303、易削钢、碳钢（通用性好）
Application: Stainless303,Easy cut steel,Steel(General application)

浅槽刀片 Grooving



兼顾锋利性和大范围切屑处理能力,适用范围广。
Both sharpness and a wide range of chip handling capacity,a wide range of applications.
刀尖精细化处理,匹配不同性能的涂层,满足不同工况的加工需求。
The tool tip is refined to match the coating of different properties to meet the processing needs of different working conditions.

形状 Shape	刀片型号 Order number		尺寸 Size (mm)			涂层硬质合金 Grade	
			W	B	刀角 R	FH650M	FH550T
	FH-TGF	32ER033U-005M	0.33	0.8	<0.05	●	●
		32ER050U-005M	0.5	1.2	<0.05	●	●
		32ER060U-005M	0.6	1.5	<0.05	●	●
		32ER065U-005M	0.65	1.5	<0.05	●	●
		32ER070U-005M	0.7	1.5	<0.05	●	●
		32ER075U-005M	0.75	2.0	<0.05	●	●
		32ER080U-005M	0.80	2.0	<0.05	●	●
		32ER090U-005M	0.90	2.0	<0.05	●	●
		32ER095U-010	0.95	2.0	0.1	●	●
		32ER100U-010	1.00	2.0	0.1	●	●
		32ER120U-010	1.20	2.0	0.1	●	●
		32ER125U-010	1.25	2.0	0.1	●	●
		32ER150U-010	1.50	2.0	0.1	●	●
		32ER200U-010	2.00	2.5	0.1	●	●
		32ER250U-010	2.50	3.0	0.1	●	●

涂层牌号: FH650M
Grade: FH650M
涂层颜色: 古铜色
Color: Bronze
应用范围: 不锈钢、合金钢、钛合金 (难加工材料)
Application: Stainless,Alloy,Titanium(Heat resistant alloy)

涂层牌号: FH550T
Grade: FH550T
涂层颜色: 黑色
Color: Black
应用范围: 不锈钢303、易削钢、碳钢 (通用性好)
Application: Stainless303,Easy cut steel,Steel(General application)

非标刀片系列 Special insert series



非标刀片系列

- 针对大批量和超大批量零件加工
- 提高加工节拍
- 超高刀具寿命
- 极低单件成本
- 针对实际工况订制

Special insert series

- For high-volume production.
- Shorter cycle times.
- Extremely high tool life.
- Very low unit cost.
- Customized according to actual working conditions.

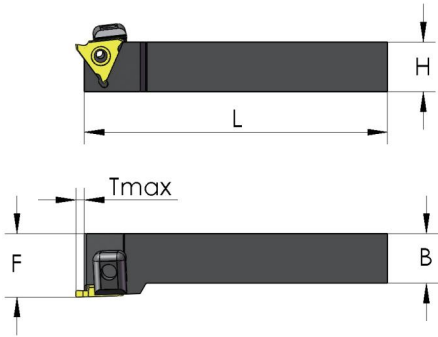


GBA 系列

- 浅槽加工系列
- 高刚性高强度
- 经济性好
- 超长刀具寿命

GBA series

- Shallow groove processing series
- High rigidity and high strength
- Good economy
- Extremely long tool life



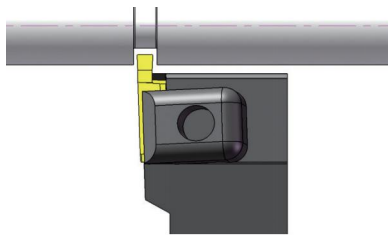
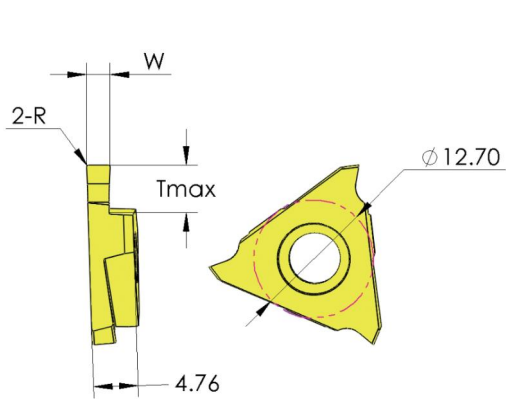
公制钢刀杆
Steel holder in Metric

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	B	F	H	LF	Tmax	库存 Stock
KGBAR/L 1616K22	16	25	16	125	5	● / ○
KGBAR/L 2020K22	20	25	20	125	5	● / ○
KGBAR/L 2525M22	25	30	25	125	5	● / ○

切槽刀 Grooving



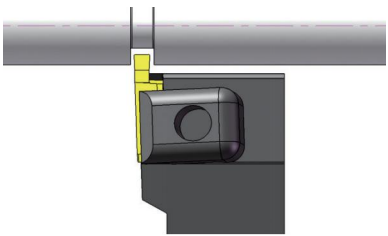
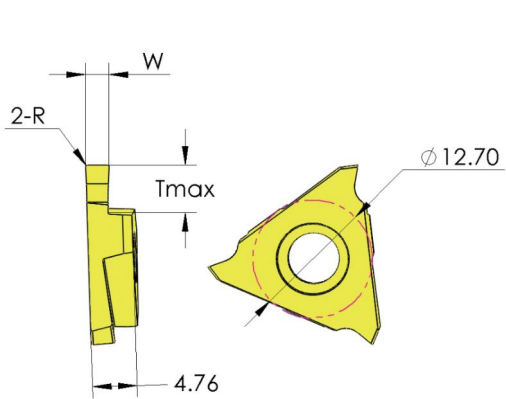
切槽刀
Grooving

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	W	R	Tmax	库存 Stock
GBA43R/L 125-010	1.25	0.1	2	● / ○
GBA43R/L 125-020	1.25	0.2	2	● / ○
GBA43R/L 140-020	1.4	0.2	3.5	● / ○
GBA43R/L 145-020	1.45	0.2	2	● / ○
GBA43R/L 150-010	1.5	0.1	3.5	● / ○
GBA43R/L 150-020	1.5	0.2	3.5	● / ○
GBA43R/L 170-020	1.7	0.2	3.5	● / ○
GBA43R/L 175-020	1.75	0.2	3.5	● / ○
GBA43R/L 185-020	1.85	0.2	3.5	● / ○
GBA43R/L 195-020	1.95	0.2	3.5	● / ○
GBA43R/L 200-010	2	0.1	3.5	● / ○
GBA43R/L 200-020	2	0.2	3.5	● / ○
GBA43R/L 225-020	2.25	0.2	3.5	● / ○
GBA43R/L 230-020	2.3	0.2	3.5	● / ○
GBA43R/L 250-010	2.5	0.1	5	● / ○
GBA43R/L 250-030	2.5	0.3	5	● / ○
GBA43R/L 265-030	2.65	0.3	5	● / ○
GBA43R/L 280-030	2.8	0.3	5	● / ○

切槽刀 Grooving



切槽刀
Grooving

图示为右手
Right hand shown

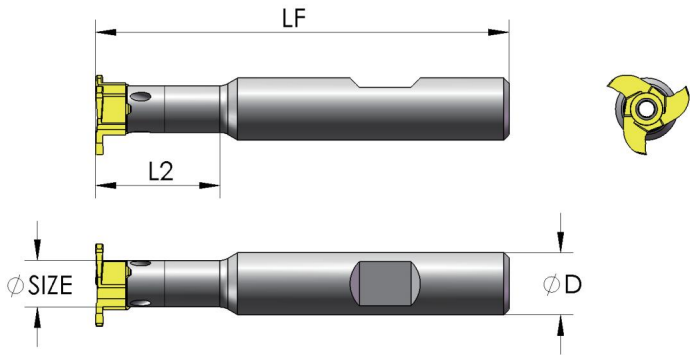
● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	W	R	Tmax	库存 Stock
GBA43R/L 300-010	3	0.1	5	● / ○
GBA43R/L 300-030	3	0.3	5	● / ○
GBA43R/L 325-030	3.25	0.3	5	● / ○
GBA43R/L 330-030	3.3	0.3	5	● / ○
GBA43R/L 350-010	3.5	0.1	5	● / ○
GBA43R/L 350-030	3.5	0.3	5	● / ○
GBA43R/L 400-010	4	0.1	5	● / ○
GBA43R/L 400-040	4	0.4	5	● / ○

M327系列刀具 M327 series cutting tools



B327系列刀杆 B327 Milling holder



B327.A××.××SC.R××钢刀杆
B327.A××.××SC.R××Steel holder
B327.A××.××EC.R××硬质合金刀杆
B327.A××.××EC.R××Tungsten carbide holder

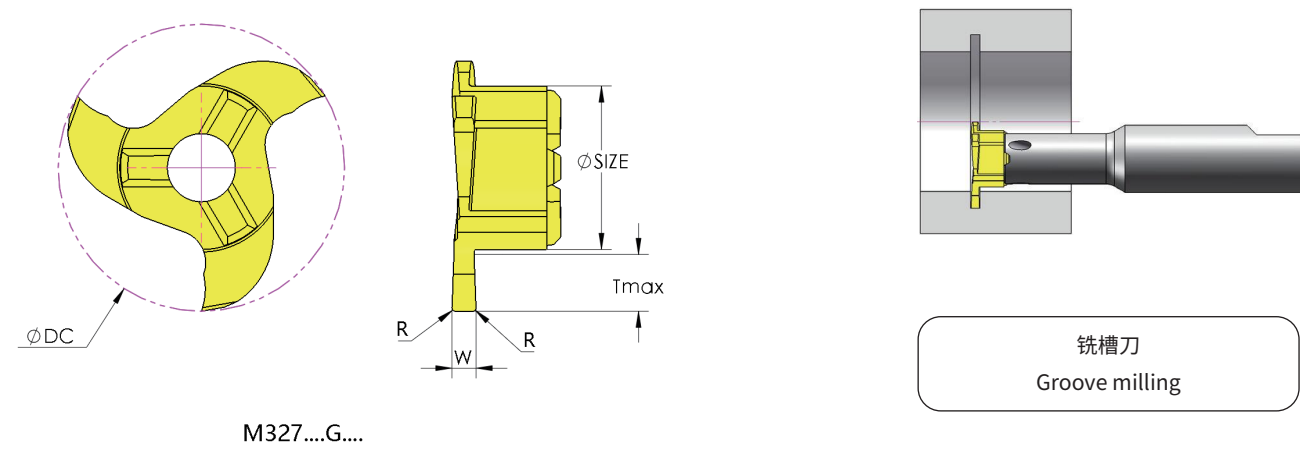
B327系列公制刀杆
B327 Milling holder in Metric

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	D	L2	LF	SIZE	库存 Stock
B327.A12.15SC.R06	12	15	74	06	●
B327.A12.21EC.R06	12	21	80	06	●
B327.A12.30EC.R06	12	30	90	06	●
B327.A12.42EC.R06	12	42	100	06	●
B327.A16.18SC.R09	16	18	80	09	●
B327.A16.32EC.R09	16	32	100	09	●
B327.A16.45EC.R09	16	45	110	09	●
B327.A16.64EC.R09	16	64	130	09	●
B327.A16.24SC.R12	16	24	80	12	●
B327.A16.42EC.R12	16	42	100	12	●
B327.A16.60EC.R12	16	60	130	12	●
B327.A16.85EC.R12	16	85	160	12	●
B327.A16.42EC.R14	16	42	100	14	●
B327.A16.60EC.R14	16	60	130	14	●
B327.A16.85EC.R14	16	85	160	14	●
B327.A20.35SC.R14	20	35	100	14	●

M327/M627系列铣槽刀 M327/M627 Groove milling



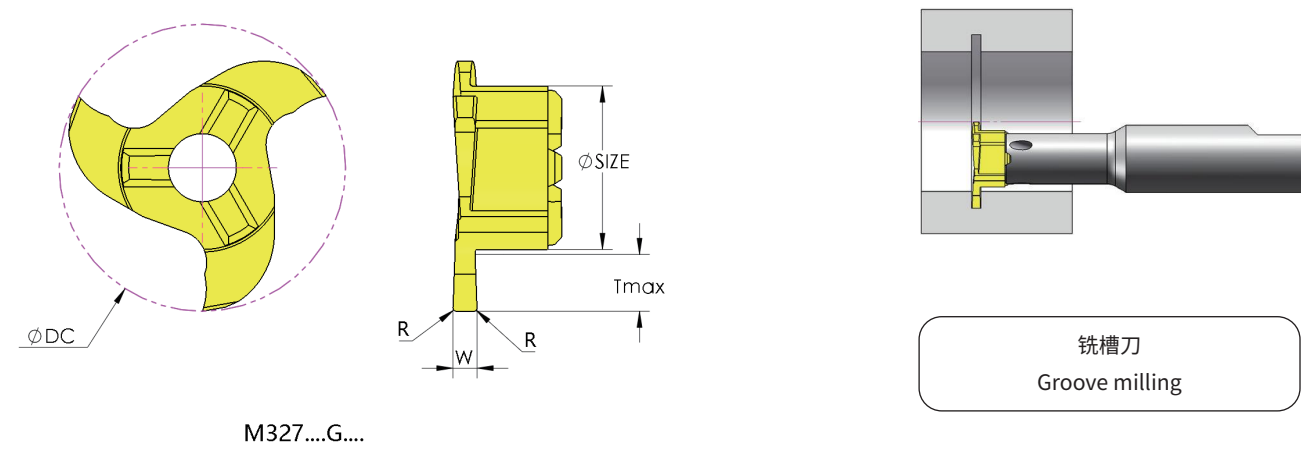
M327....G....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	W	R	Tmax	Z	SIZE	库存 Stock
M327R06.G100.D10.00	9.7	1.0	0	1.5	3	06	●
M327R06.G150.D10.02	9.7	1.5	0.2	1.5	3	06	●
M327R06.G200.D10.02	9.7	2.0	0.2	1.5	3	06	●
M327R06.G250.D10.02	9.7	2.5	0.2	1.5	3	06	●
M627R09.G150.D18.01	17.7	1.0	0.1	3.5	6	09	●
M327R09.G150.D18.02	17.7	1.5	0.2	3.5	3	09	●
M627R09.G200.D18.02	17.7	2.0	0.2	3.5	6	09	●
M327R09.G200.D18.02	17.7	2.0	0.2	3.5	3	09	●
M627R09.G250.D18.02	17.7	2.5	0.2	3.5	6	09	●
M327R09.G250.D18.02	17.7	2.5	0.2	3.5	3	09	●
M627R09.G300.D18.02	17.7	3.0	0.2	3.5	6	09	●
M327R09.G300.D18.02	17.7	3.0	0.2	3.5	3	09	●

M327/M627系列铣槽刀 M327/M627 Groove milling



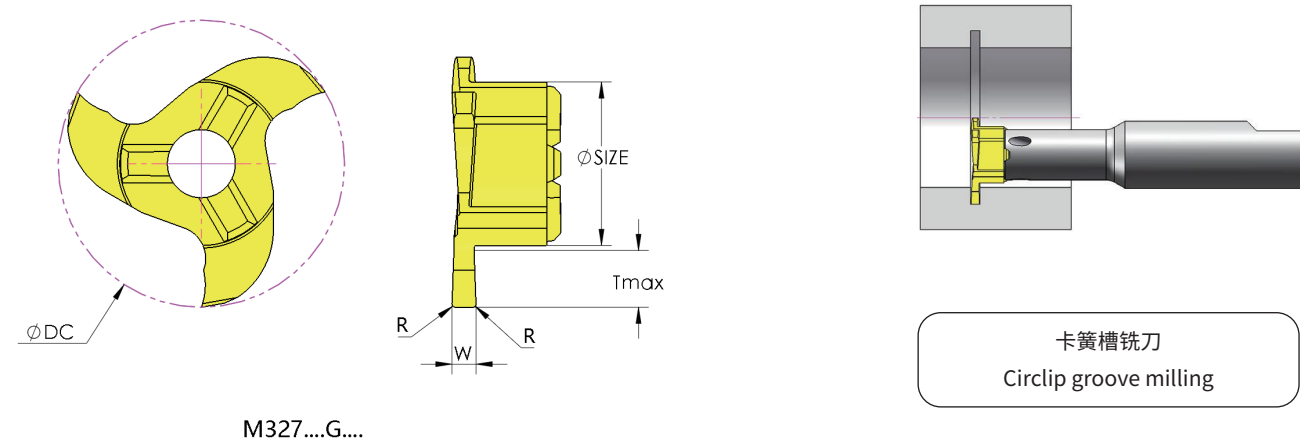
M327....G....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	W	R	Tmax	Z	SIZE	库存 Stock
M327R12.G150.D22.02	21.7	1.5	0.2	4.5	3	12	●
M327R12.G200.D22.02	21.7	2.0	0.2	4.5	3	12	●
M327R12.G250.D22.02	21.7	2.5	0.2	4.5	3	12	●
M327R12.G300.D22.02	21.7	3.0	0.2	4.5	3	12	●
M327R12.G400.D22.02	21.7	4.0	0.2	4.5	3	12	●
M627R12.G150.D22.01	21.7	1.5	0.1	6.5	6	12	●
M627R12.G200.D22.02	21.7	2.0	0.2	6.5	6	12	●
M627R12.G250.D22.02	21.7	2.5	0.2	6.5	6	12	●
M627R12.G300.D22.02	21.7	3.0	0.2	6.5	6	12	●
M627R12.G400.D22.02	21.7	4.0	0.2	6.5	6	12	●
M327R14.G150.D28.00	27.7	1.5	0	6.5	3	14	●
M327R14.G200.D28.02	27.7	2.0	0.2	6.5	3	14	●
M327R14.G250.D28.02	27.7	2.5	0.2	6.5	3	14	●
M327R14.G300.D28.02	27.7	3.0	0.2	6.5	3	14	●
M327R14.G350.D28.02	27.7	3.5	0.2	6.5	3	14	●
M327R14.G400.D28.02	27.7	4.0	0.2	6.5	3	14	●
M627R14.G150.D35.01	34.7	1.5	0.1	10	6	14	●
M627R14.G200.D35.02	34.7	2.0	0.2	10	6	14	●
M627R14.G250.D35.02	34.7	2.5	0.2	10	6	14	●
M627R14.G300.D35.02	34.7	3.0	0.2	10	6	14	●

M327/M627系列铣槽刀 M327/M627 Groove milling



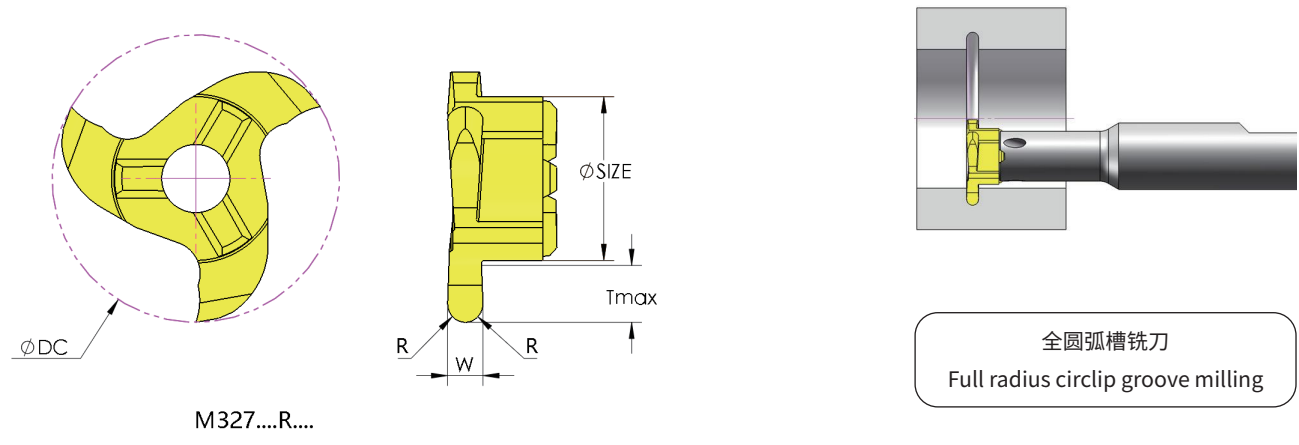
M327....G....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	W	R	Tmax	Z	SIZE	库存 Stock
M327R06.G070.D10.00	9.7	0.74	0	1.5	3	06	●
M327R06.G080.D10.00	9.7	0.84	0	1.5	3	06	●
M327R06.G090.D10.00	9.7	0.94	0	1.5	3	06	●
M327R06.G110.D10.00	9.7	1.18	0	1.5	3	06	●
M327R09.G110.D18.00	17.7	1.21	0	3.5	3	09	●
M327R09.G130.D18.00	17.7	1.41	0	3.5	3	09	●
M327R09.G160.D18.00	17.7	1.71	0	3.5	3	09	●
M327R12.G160.D22.00	21.7	1.71	0	4.5	3	12	●
M327R12.G185.D22.015	21.7	1.96	0.15	4.5	3	12	●
M327R12.G215.D22.02	21.7	2.26	0.2	4.5	3	12	●
M327R12.G265.D22.015	21.7	2.76	0.15	4.5	3	12	●
M327R12.G315.D22.015	21.7	3.26	0.15	4.5	3	12	●
M327R12.G415.D22.015	21.7	4.26	0.15	4.5	3	12	●
M327R12.G515.D22.015	21.7	5.26	0.15	4.5	3	12	●

M327/M627系列铣槽刀 M327/M627 Groove milling



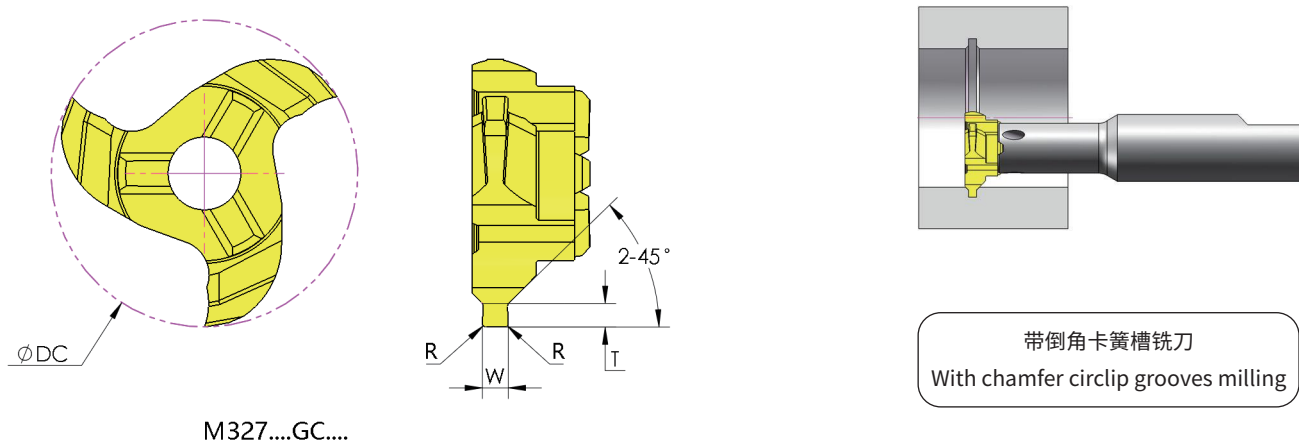
M327....R....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	W	R	Tmax	Z	SIZE	库存 Stock
M327R06.R220.D10.11	9.7	2.2	1.1	2.5	3	06	●
M327R09.R220.D18.11	17.7	2.2	1.1	3.5	3	09	●
M327R12.R100.D22.05	21.7	1.0	0.5	4.5	3	12	●
M327R12.R200.D22.10	21.7	2.0	1.0	4.5	3	12	●
M327R12.R300.D22.15	21.7	3.0	1.5	4.5	3	12	●
M327R12.R400.D22.20	21.7	4.0	2.0	4.5	3	12	●

M327/M627系列铣槽刀 M327/M627 Groove milling



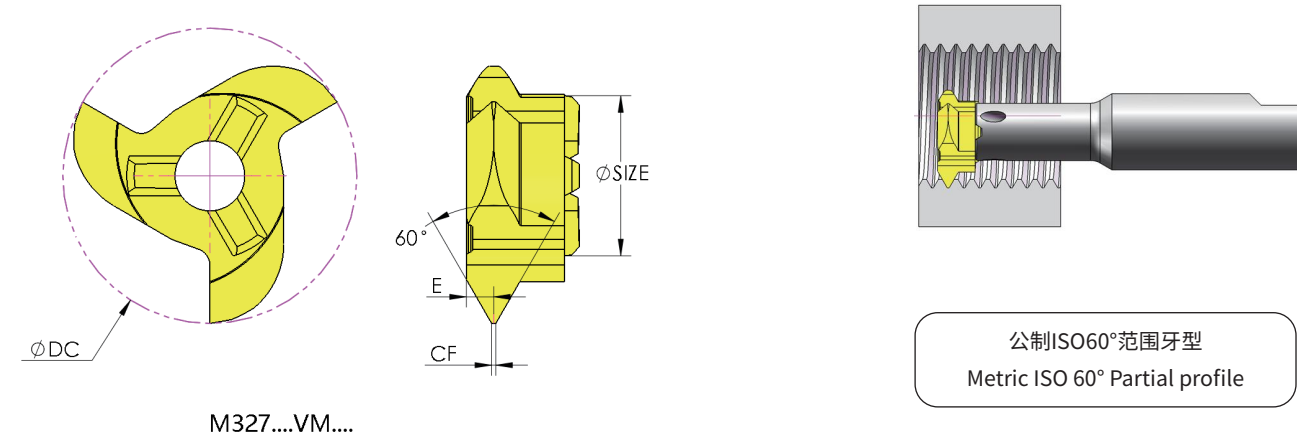
M327....GC....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	W	R	T	Z	SIZE	库存 Stock
M327R12.GC110.D22.00	21.7	1.18	0	0.49	3	12	●
M327R12.GC130.D22.00	21.7	1.38	0	0.67	3	12	●
M327R12.GC160.D22.00	21.7	1.68	0	0.83	3	12	●
M327R12.GC185.D22.015	21.7	1.93	0.15	1.23	3	12	●
M327R12.GC215.D22.015	21.7	2.23	0.15	1.47	3	12	●
M327R12.GC265.D22.015	21.7	2.73	0.15	1.47	3	12	●
M327R12.GC315.D22.02	21.7	3.23	0.2	1.72	3	12	●
M327R12.GC415.D22.02	21.7	4.23	0.2	1.97	3	12	●
M327R12.GC130.08.D22.00	21.7	1.38	0	0.83	3	12	●
M327R12.GC160.08.D22.00	21.7	1.68	0	0.97	3	12	●
M327R12.GC265.18.D22.015	21.7	2.73	0.15	1.72	3	12	●
M327R12.GC415.25.D22.02	21.7	4.23	0.2	2.47	3	12	●

M327/M627系列螺纹铣刀 M327/M627 Thread milling



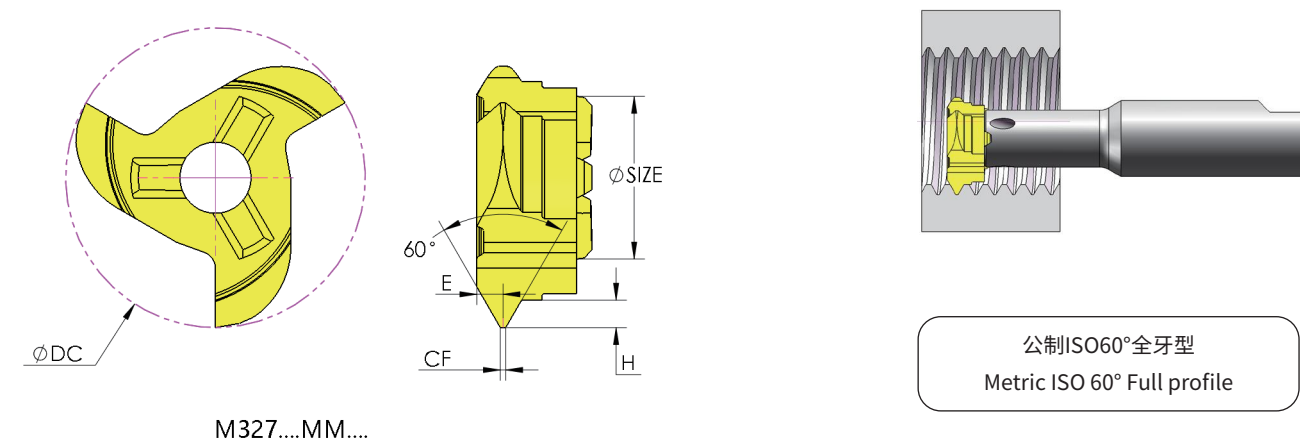
M327....VM....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	TPN	TPX	CF	Z	SIZE	库存 Stock
M327R06.H100VM.D12	11.7	1	2.0	0.12	3	06	●
M327R09.H100VM.D18	17.7	1	2.0	0.12	3	09	●
M627R09.H100VM.D18	17.7	1	2.0	0.12	6	09	●
M327R12.H100VM.D22	21.7	1	2.0	0.12	3	12	●
M627R12.H100VM.D22	21.7	1	2.0	0.12	6	12	●
M327R06.H250VM.D12	11.7	2.5	3.0	0.31	3	06	●
M327R09.H250VM.D18	17.7	2.5	3.5	0.31	3	09	●
M627R09.H250VM.D18	17.7	2.5	3.5	0.31	6	09	●
M327R12.H250VM.D22	21.7	2.5	4.5	0.31	3	12	●
M627R12.H250VM.D22	21.7	2.5	4.5	0.31	6	12	●

M327/M627系列螺纹铣刀 M327/M627 Thread milling FONHAE 方瀚



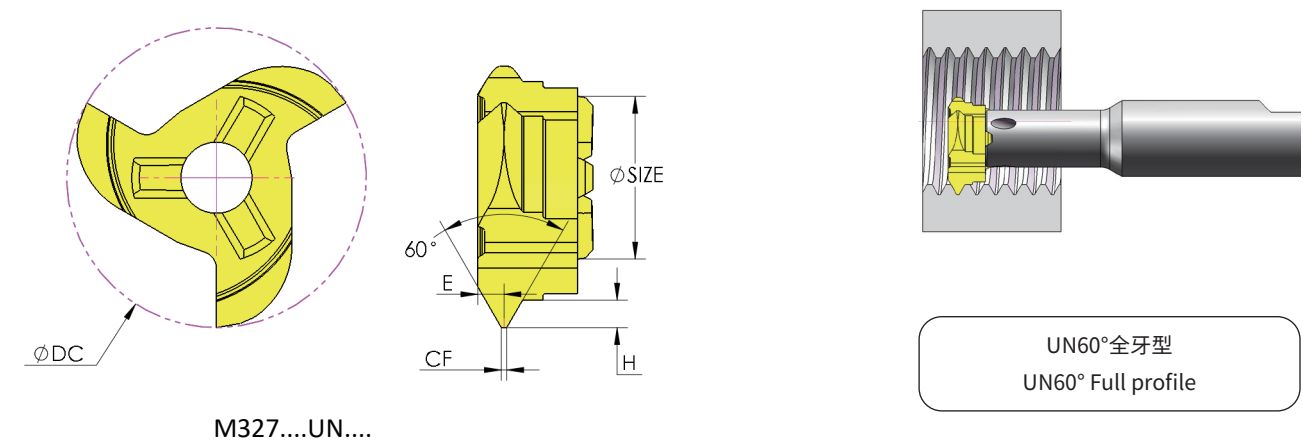
M327....MM....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	TP	H	CF	Z	SIZE	库存 Stock
M327R09.H150MM.D18	17.7	1.5	0.81	0.18	3	09	●
M627R09.H150MM.D18	17.7	1.5	0.81	0.18	6	09	●
M327R09.H200MM.D18	17.7	2.0	1.08	0.25	3	09	●
M627R09.H200MM.D18	17.7	2.0	1.8	0.25	6	09	●
M327R09.H300MM.D18	17.7	3.0	1.62	0.37	3	09	●
M627R09.H300MM.D18	17.7	3.0	1.62	0.37	6	09	●
M327R09.H350MM.D18	17.7	3.5	1.89	0.43	3	09	●
M627R09.H350MM.D18	17.7	3.5	1.89	0.43	6	09	●
M327R12.H150MM.D22	21.7	1.5	0.81	0.18	3	12	●
M327R12.H175MM.D22	21.7	1.75	0.95	0.21	3	12	●
M327R12.H200MM.D22	21.7	2.0	1.08	0.25	3	12	●
M327R12.H300MM.D22	21.7	3.0	1.62	0.37	3	12	●
M327R12.H350MM.D22	21.7	3.5	1.89	0.43	3	12	●
M327R12.H400MM.D22	21.7	4.0	2.17	0.5	3	12	●
M327R12.H450MM.D22	21.7	4.5	2.44	0.56	3	12	●

M327/M627系列螺纹铣刀 M327/M627 Thread milling FONHAE 方瀚



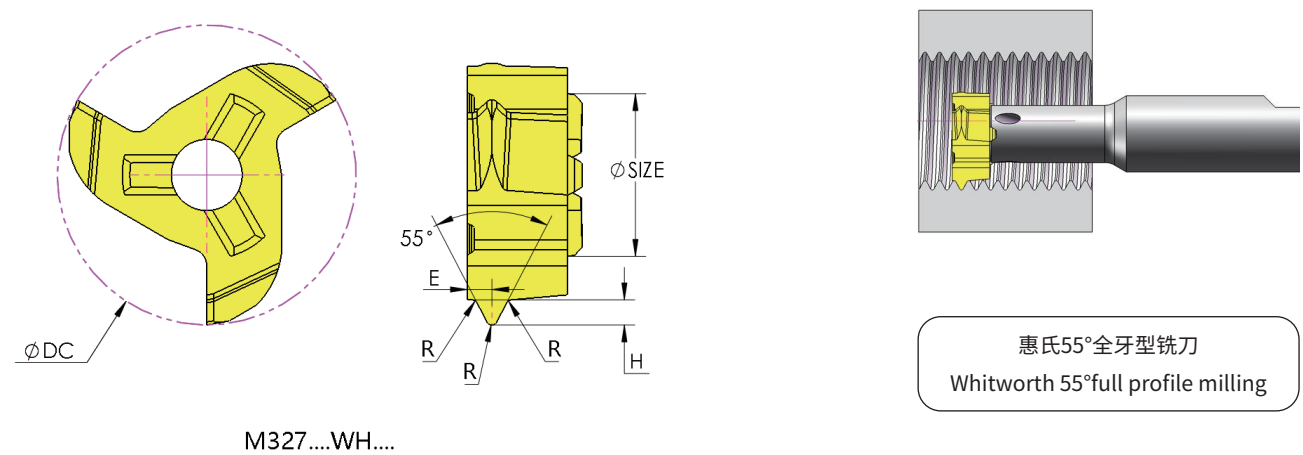
M327....UN....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	TPI	H	CF	Z	SIZE	库存 Stock
M327R09.H20UN.D18	17.7	20	0.69	0.16	3	09	●
M327R09.H18UN.D18	17.7	18	0.76	0.18	3	09	●
M327R09.H16UN.D18	17.7	16	0.86	0.2	3	09	●
M627R09.H16UN.D18	17.7	16	0.86	0.2	6	09	●
M327R09.H14UN.D18	17.7	14	0.98	0.22	3	09	●
M627R09.H14UN.D18	17.7	14	0.98	0.22	6	09	●
M327R09.H12UN.D18	17.7	12	1.15	0.26	3	09	●
M627R09.H12UN.D18	17.7	12	1.15	0.26	6	09	●
M327R09.H11UN.D18	17.7	11	1.25	0.28	3	09	●
M627R09.H11UN.D18	17.7	11	1.25	0.28	6	09	●
M327R09.H10UN.D18	17.7	10	1.38	0.32	3	09	●
M327R09.H08UN.D18	17.7	8	1.72	0.4	3	09	●
M627R09.H08UN.D18	17.7	8	1.72	0.4	6	09	●

M327/M627系列螺纹铣刀 M327/M627 Thread milling FONHAE 方瀚



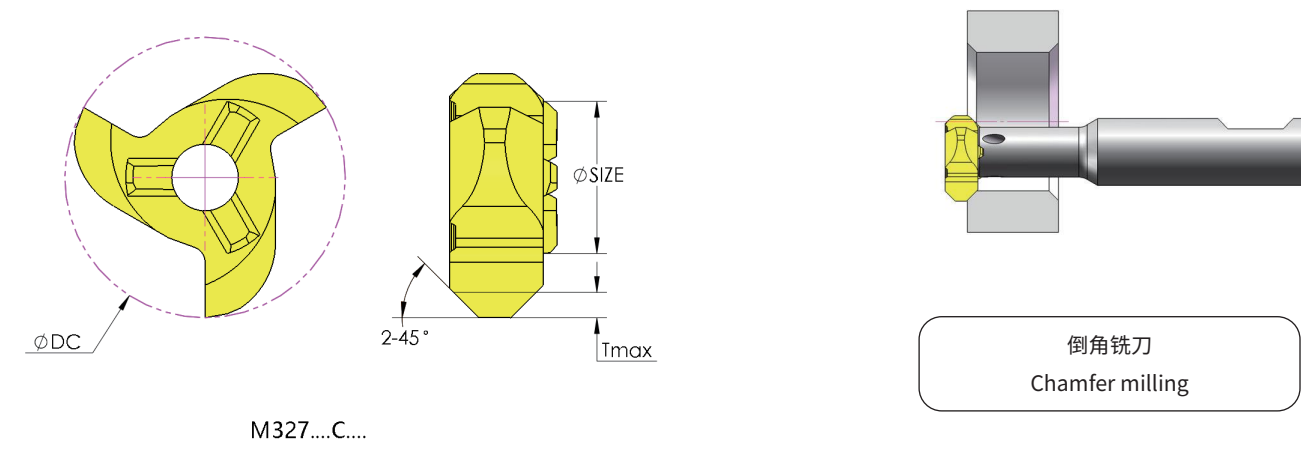
M327....WH....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	TPI	R	E	H	Z	SIZE	库存 Stock
M327R06.H19WH.D12	11.7	19	0.18	1.15	0.86	3	06	●
M327R09.H19WH.D18	17.7	19	0.18	1	0.86	3	09	●
M327R06.H14WH.D12	11.7	14	0.24	1.3	1.16	3	06	●
M327R09.H14WH.D18	17.7	14	0.24	1.2	1.16	3	09	●
M327R06.H11WH.D12	11.7	11	0.31	1.6	1.48	3	06	●
M327R09.H11WH.D18	17.7	11	0.31	1.45	1.48	3	09	●

M327/M627系列倒角铣刀 M327/M627 Chamfer milling FONHAE 方瀚

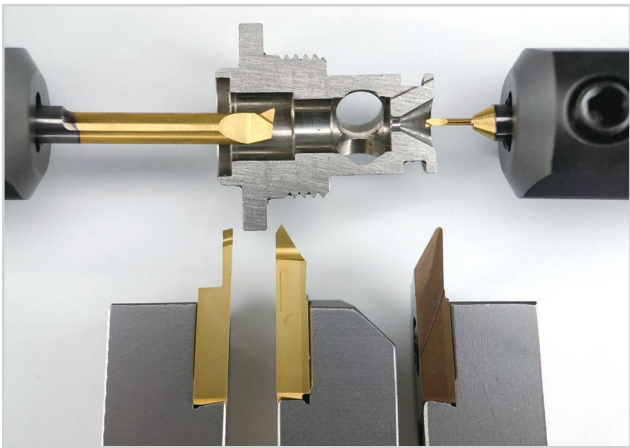


M327....C....

图示为右手
Right hand shown

● 现货 Stock
○ 2周 2 Weeks

型号 Order Number	DC	DCX	Tmax	Z	SIZE	库存 Stock
M327R06.C120.D12	10.1	11.7	0.8	3	06	●
M327R12.C200.D22	18.3	21.7	1.70	3	12	●



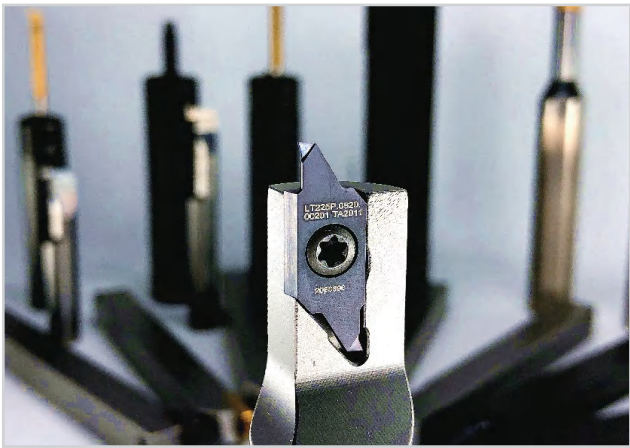
小零件加工方案
Small parts machining

- 小孔镗刀
- Boring tools
- 小孔切槽
- Grooving
- 前扫
- Front turning
- 后扫
- Back turning
- 切槽
- Grooving
- 切断
- Parting off
- 车螺纹
- Thread turning



超小孔镗孔
Ultra-small bore boring

- 最小0.3mm
- Minimum D0.3mm
- 高质量的锋利刀尖
- High quality and sharp edge
- 高被加工表面质量
- High quality machined surface
- 换刀便捷免对刀
- Tool change without tool setting



多刃口镗孔
Multi edges boring tool

- 经济性更好
- Better economic efficiency
- 每个刀片2-4个切削刃
- 2-4 cutting edges
- 换刀便捷免对刀
- Tool change without tool setting
- 适合超大批量生产
- Suitable for ultra large batch production
- 锋利刀尖
- Sharp edge
- 强度刚性好
- Better rigidity



高压内冷槽（成型）刀
High pressure internal cooling tools

- 冷却直达刀尖
- Cooling directly to the edge
- 最宽15.8mm
- Width up to 15.8
- 可以磨制断屑槽
- Grinding chip breaking
- 成型加工效率更高
- Higher efficiency
- 多种内冷形式
- Multiple internal cooling forms



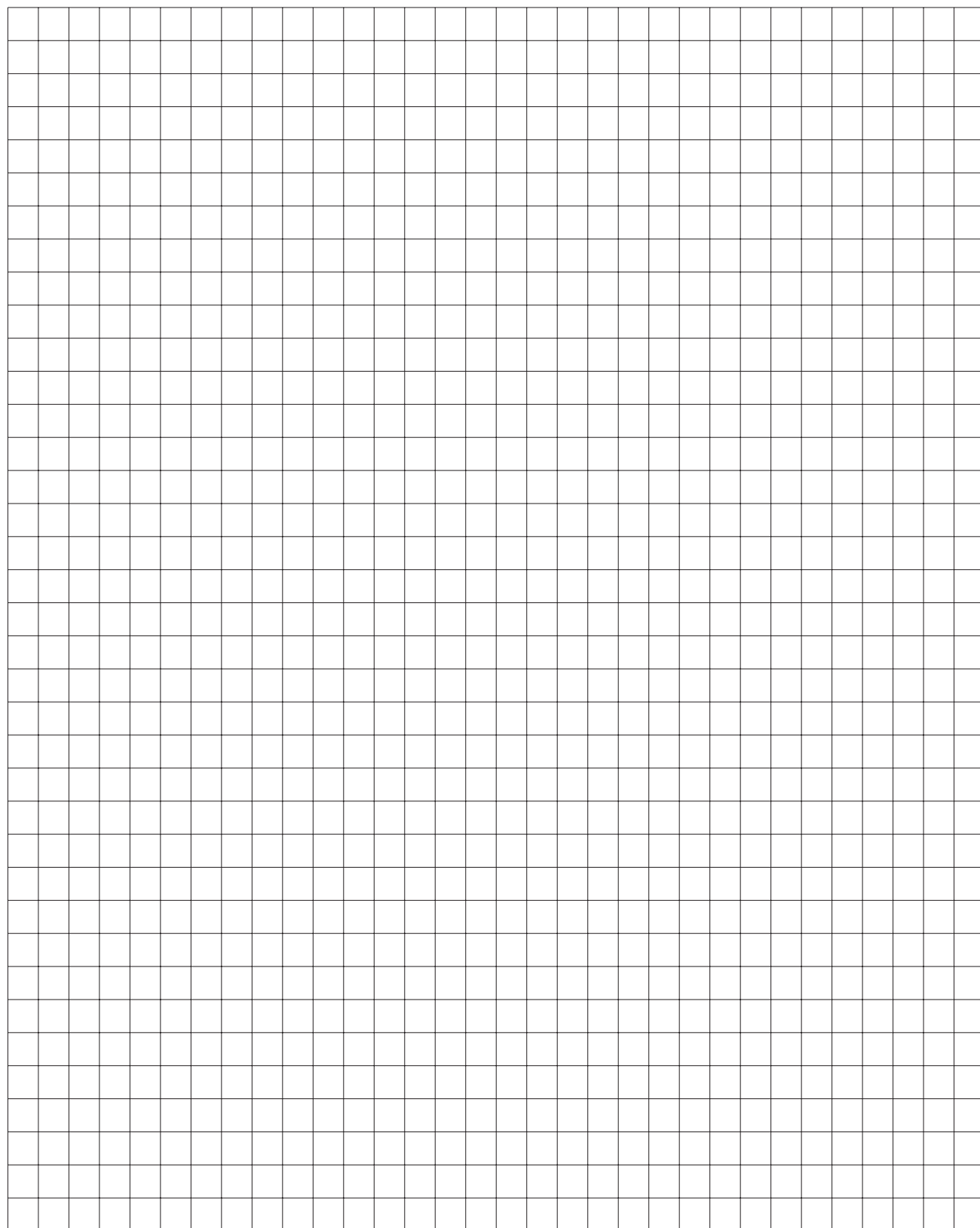
高效率组合刀具
High efficiency combination tools

- 加工效率提升2-6倍
- Improve processing efficiency by 2-6 times
- 超高刀具寿命
- Ultra high tool life
- 减小机床投入
- Reduce machine tool investment
- 适合大批量生产
- Suitable for mass production
- 提升机床利用率
- Improving machine tool utilization



非标槽刀及成型刀
Special grooving and forming tools

- 加工效率提升 2-4倍
- Improve processing efficiency by 2-4 times
- 槽（轮廓）精度由刀具保证
- The accuracy of the groove is guaranteed by the tool
- 超高刀具寿命
- Ultra high tool life



应用技术是检验刀具性能的关键一步，设计制造的刀具是否可以满足客户要求，是否可以提升客户的加工效率，降低成本，都需要应用技术的支持。同样一把刀具，不同的加工参数和策略，结果可能会差异巨大。

如有任何需要请联系我们，期待与您合作！

Application technology is a key step to test tool performance. Whether the tool designed and manufactured can meet customer requirements, whether it can improve customer processing efficiency and reduce costs, all need the support of application technology. The same tool, different processing parameters and strategies, the results may be very different.

If you have any needs, please contact us and look forward to cooperating with you.