

NEW

新产品

Slim MT 细长的-MT (缩颈)

High productivity, Slim cost 高效率, 低成本



Carmex-开发细长的 (缩颈) Slim MT螺纹铣刀杆和刀片

Carmex presents Slim MT

High productivity, Slim cost.

高效率, 低成本

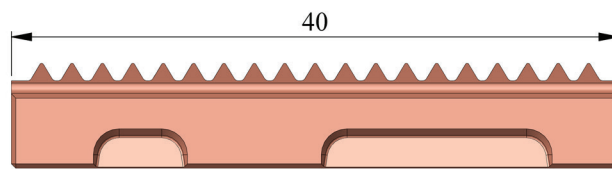
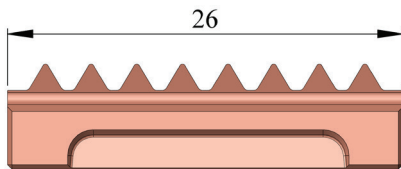
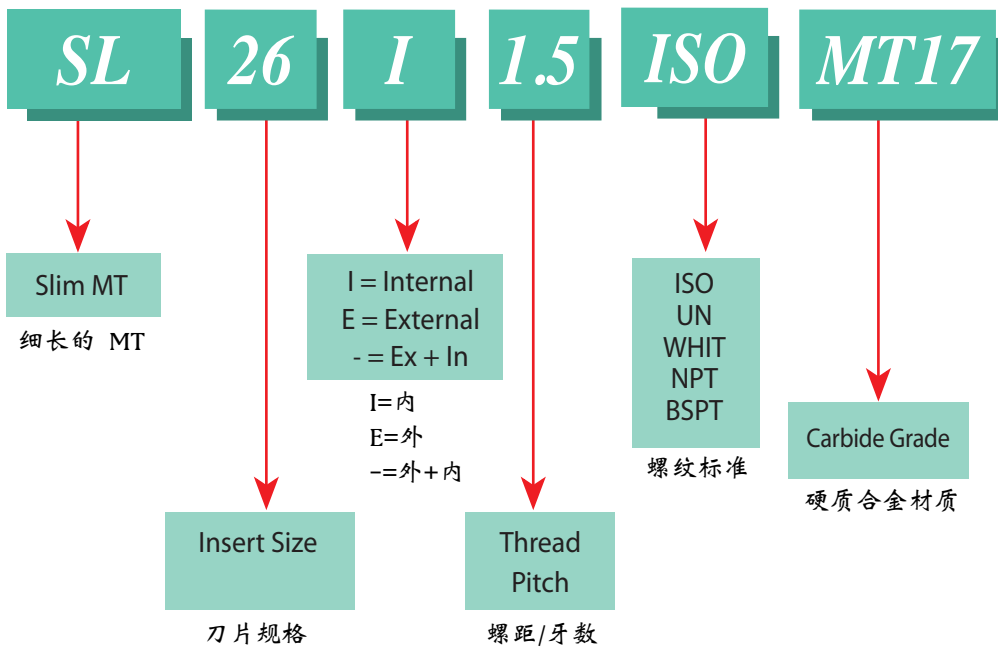
A new product line of indexable Mill-Thread inserts and tool holders including multiple straight flutes for machining long threads from small to large diameters.

新的可转位螺纹铣刀杆和刀片, 包括多个直槽, 用于加工从小直径到大直径的长螺纹。

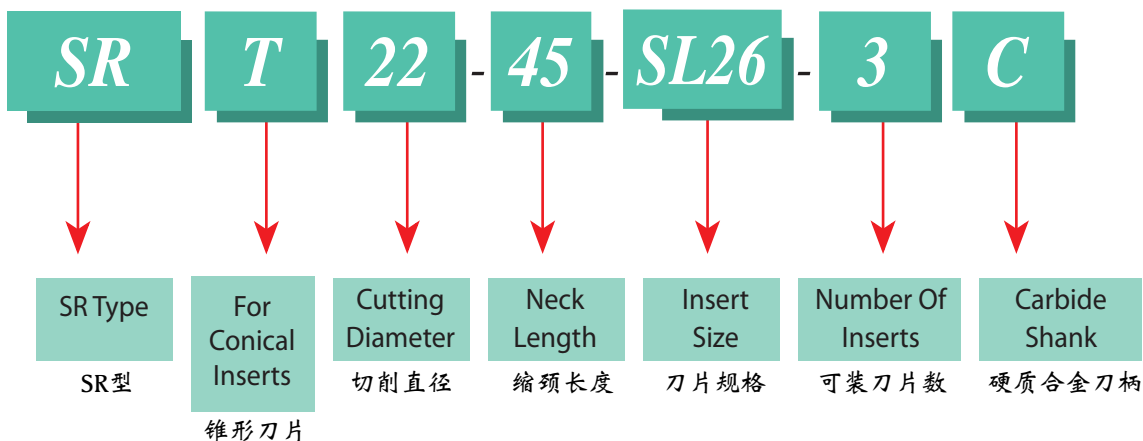
- **Advanced carbide and coating combination for extended tool life and improved productivity.** 超前的硬质合金和涂层组合, 延长刀具寿命和提高生产率。
- **Most inserts are double sided.** 大多数刀片都是双面的。
- **Nickel coated holders for high wear resistance.** 镍涂层刀杆高耐磨。
- **Unique clamping mechanism.** 独一无二的夹紧机构
- **Large variety of holders & inserts in accordance to international standards.** 多种刀杆和刀片与国际标准相符。

Product Identification 产品标识

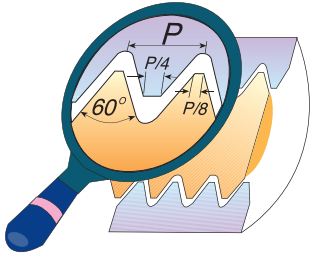
Inserts 刀片



Toolholders 刀杆



ISO 60°-ISO标准螺纹



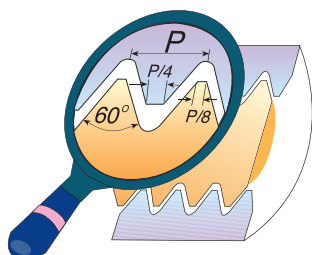
刀片规格 Insert size	螺距 Pitch mm	外/内 Ex/In	订货号 Ordering code	适用刀杆 Toolholder
SL 26	0.5	In	SL26 I 0.5 ISO	SR - SL26 - ...
	0.75	In	SL26 I 0.75 ISO	
	1.0	In	SL26 I 1.0 ISO	
	1.0	Ex	SL26 E 1.0 ISO	
	1.5	In	SL26 I 1.5 ISO	
	1.5	Ex	SL26 E 1.5 ISO	
	2.0	In	SL26 I 2.0 ISO	
	2.0	Ex	SL26 E 2.0 ISO	
	2.5	In	SL26 I 2.5 ISO	
	2.5	Ex	SL26 E 2.5 ISO	
	3.0	In	* SL26 I 3.0 ISO	
	3.0	Ex	* SL26 E 3.0 ISO	
SL 40	1.5	In	SL40 I 1.5 ISO	SR - SL40 - ...
	2.0	In	SL40 I 2.0 ISO	
	2.5	In	SL40 I 2.5 ISO	
	3.0	In	SL40 I 3.0 ISO	

* Cannot be used with toolholder SR17- ... -SL26-2 带星号刀片不能用于SR17-...-SR SL26-2刀杆

For tool holders see pages 8-9. 刀杆请见第8-9页

For carbide grade and cutting speed see page 10. 硬质合金材质和切削速度请见第10页

UN 60°-美国UN统一标准螺纹



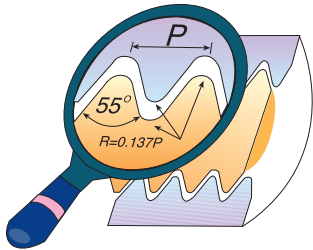
刀片规格 Insert size	螺 牙 Pitch TPI 距 数	外/内 Ex/In	订货号 Ordering code	适用刀杆 Toolholder
SL 26	20	In	SL26 I 20 UN	SR - SL26 - ...
	20	Ex	SL26 E 20 UN	
	18	In	SL26 I 18 UN	
	18	Ex	SL26 E 18 UN	
	16	In	SL26 I 16 UN	
	14	In	SL26 I 14 UN	
	12	In	SL26 I 12 UN	
	12	Ex	SL26 E 12 UN	
	10	In	SL26 I 10 UN	
	10	Ex	SL26 E 10 UN	
	9	In	* SL26 I 9 UN	
	8	In	* SL26 I 8 UN	
	SL 40	16	In	
14		In	SL40 I 14 UN	
12		In	SL40 I 12 UN	
10		In	SL40 I 10 UN	

* Cannot be used with toolholder SR17- ... -SL26-2 带星号的刀片不能用于SR17-...SL-2刀杆

For tool holders see pages 8-9. 刀杆请见第8-9页

For carbide grade and cutting speed see page 10. 硬质合金材质请见第10页

WHIT BSW, BSF, BSP 55°-英国惠氏螺纹/BSW, BSF, BSP标准



Same insert for External and Internal thread

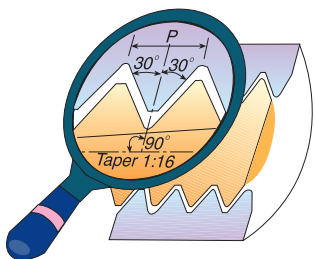
相同刀片可用于外和内螺纹

刀片规格 Insert size	螺牙 Pitch TPI 距数	订货号 Ordering code	适用刀杆 Toolholder
SL 26	14	SL 26 - 14 W	SR - SL26 - ...
	11	SL 26 - 11 W	
SL 40	14	SL 40 - 14 W	SR - SL40 - ...
	11	SL 40 - 11 W	

For tool holders see pages 8-9. 刀杆请见第8-9页

For carbide grade and cutting speed see page 10. 硬质合金材质请见第10页

NPT 60°-美国NPT锥管螺纹



Conical pipe thread inserts are one-sided and may be used for both External and Internal threading

锥管螺纹刀片是单面的，可用于外螺纹和内螺纹

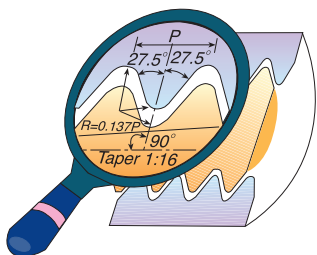
刀片规格 Insert size	螺牙 Pitch TPI 距数	订货号 Ordering code	适用刀杆 Toolholder
SL 26	14	SL 26 - 14 NPT	SR - SL26 - ...
	11.5	* SL 26 - 11.5 NPT	

* Cannot be used with toolholder SRT17-27-SL26-2 带星号的刀片不能用于SR12-27-SL26-2刀杆

For tool holders see pages 8-9. 刀杆请见第8-9页

For carbide grade and cutting speed see page 10. 硬质合金材质请见第10页

BSPT 55°-英制锥管螺纹



Conical pipe thread inserts are one-sided and may be used for both External and Internal threading

锥管螺纹的刀片是单面的，可用于外螺纹和内螺纹。

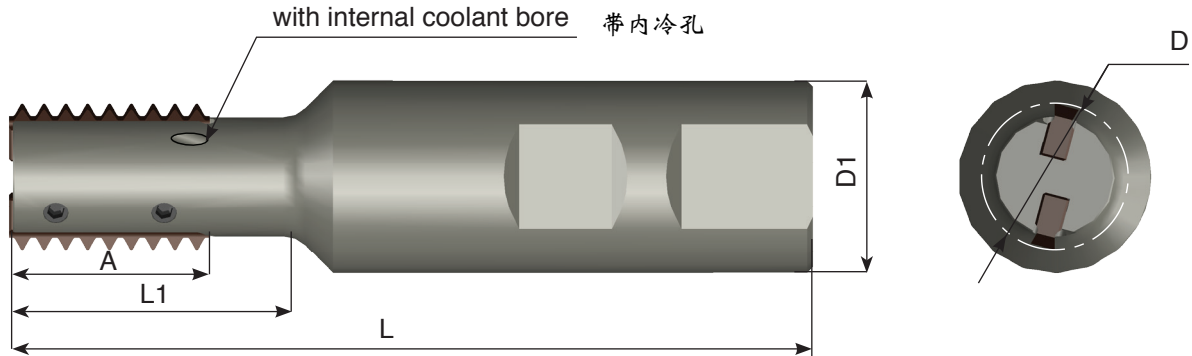
刀片规格 Insert size	螺距 Pitch 牙数 TPI	订货号 Ordering code	适用刀杆 Toolholder
SL 26	14	SL 26 - 14 BSPT	SR - SL26 - ...
	11	* SL 26 - 11 BSPT	

* Cannot be used with toolholder SRT17-27-SL26-2 带星号的刀片不能用于SR17-27-SL26-2刀杆

For tool holders see pages 8-9. 刀杆请见第8-9页

For carbide grade and cutting speed see page 10. 硬质合金材质请见第10页

Toolholders 刀杆

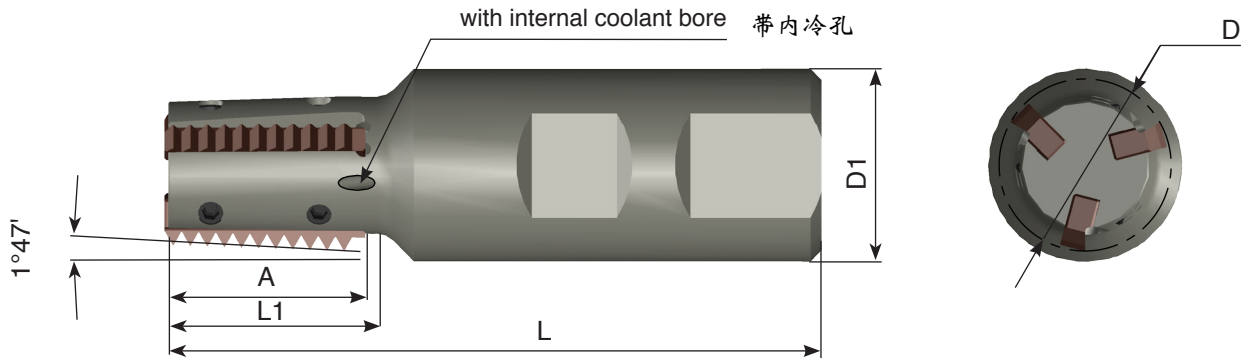


刀片规格=A

刀片数

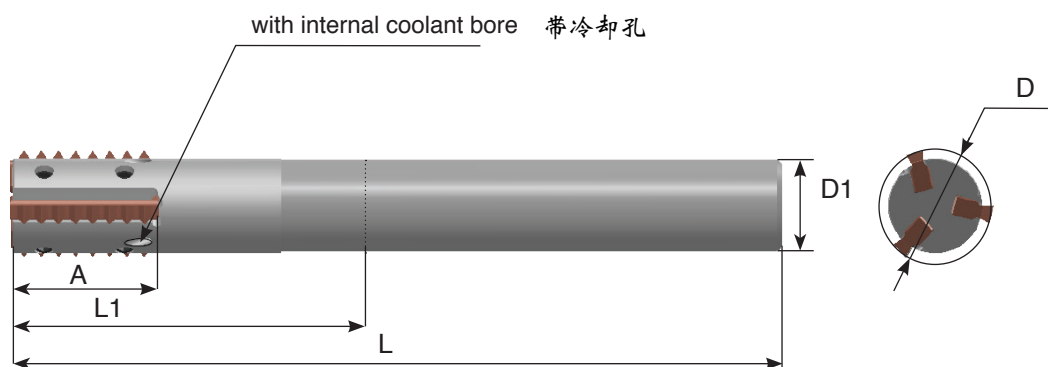
订货号 Ordering Code	Insert size=A	切削径 D	柄径 D1	总长 L	有效长 L1	No. of Inserts	锁紧螺钉 Screw	扳手 Key
SR17-27-SL26-2	SL 26	17.0	25.0	95	27	2	S4P	K08P
SR17-36-SL26-2		17.0	25.0	105	36	2	S4P	K08P
SR19-27-SL26-2		19.0	25.0	95	27	2	S4P	K08P
SR19-40-SL26-2		19.0	25.0	110	40	2	S4P	K08P
SR20-27-SL26-3		20.5	25.0	95	27	3	S4P	K08P
SR20-40-SL26-3		20.5	25.0	110	40	3	S4P	K08P
SR22-28-SL26-3		22.0	25.0	95	28	3	S4P	K08P
SR22-42-SL26-3		22.0	25.0	110	42	3	S4P	K08P
SR22-42-SL40-3	SL 40	22.0	25.0	110	42	3	S4P	K08P
SR30-42-SL40-4		30.0	32.0	125	42	4	S4P	K08P

Toolholders for Conical Threads 锥管螺纹刀杆



订货号 Ordering Code	刀片规格=A Insert size=A	切削径 D	柄径 D1	总长 L	有效长 L1	刀片数 No. of Inserts	锁紧螺钉 Screw	扳手 Key
SR T 17-27-SL26-2	SL 26	17.0	25.0	95	27	2	S4P	K08P
SR T 22-27-SL26-3		22.0	25.0	95	27	3	S4P	K08P
SR T 27-27-SL26-4		27.0	25.0	95	27	4	S4P	K08P

Carbide Shank Toolholders 硬质合金刀杆



订货号 Ordering Code	刀片规格=A Insert size=A	切削径 D	柄径 D1	总长 L	有效长 L1	刀片数 No. of Inserts	锁紧螺钉 Screw	扳手 Key
SR 19-70-SL26-2 C	SL 26	19.0	16.0	135	70	2	S4P	K08P
SR 20-70-SL26-3 C		20.5	16.0	135	70	3	S4P	K08P

Cutting Data 切削参数

MT17 Advanced NEW submicron carbide grade with multi-layer PVD coating, provides high performance in all machining conditions. The new grade ensures high abrasive wear resistance, machining wide range of materials including steels, tough and difficult materials and high alloyed steels. 高级的最新型亚微米颗粒硬质合金，多层PVD涂层，在所有加工条件下都能提供高性能。最新的材质确保高耐磨性，宽范围被加工材料，包括钢、韧性、困难的材料和高合金钢。

ISO	Material 材料	Conditions 状态	Cutting Conditions 条件	
			Cutting Speed 切削 (m/min) 速度	Feed Rate 进 (mm/tooth) 给
P 钢	Non-Alloy Steel and Cast Steel, Free Cutting Steel 非合金钢和铸钢、易切钢	Annealed < 0.25% C 退火 Annealed ≥ 0.25% C 退火 Annealed ≥ 0.55% C 退火 Quenched & Tempered < 0.55% C 淬火或回火 Quenched & Tempered ≥ 0.55% C 淬火或回火	110-220 100-210 90-150 70-140 55-70	(0.055 * D) / 22
	Low Alloy Steel and Cast Steel (less than 5% alloying elements) 低合金钢和铸钢	Annealed 退火 Quenched & Tempered 淬火或回火	60-110 60-90	(0.055 * D) / 22
	High Alloy Steel, Cast Steel, and Tool Steel 高合金钢和铸钢	Annealed 退火 Quenched & Tempered 淬火或回火	55-90 45-80	
M 不锈钢	Stainless Steel and Cast Steel 不锈钢和铸造不锈钢	Ferritic 铁素体 Martensitic 马氏体 Austenitic 奥氏体	90-200 80-160 60-110	(0.055 * D) / 22
		High alloy Austenitic & Duplex 高合金奥氏体/双相	40-70	(0.045 * D) / 22
K 铸铁	Cast Iron Nodular (GGG) 球墨铸铁	Ferritic 铁素体	90-125	(0.055 * D) / 22
		Pearlitic 珠光体	90-110	
	Grey Cast Iron (GG) 灰铁	Ferritic 铁素体	110-145	
		Pearlitic 珠光体	80-125	
Malleable Cast Iron 锻造铸铁	Ferritic 铁素体	110-125		
	Pearlitic 珠光体	80-120		
N 非铁金属	Aluminum-Wrought Alloy 铝镁合金	Not Cureable 非硬化	135-350	(0.05 * D) / 22
		Cured 硬化	100-270	
	Aluminum-Cast, Alloyed 铸铝合金	Not Cureable ≤ 12% Si 非硬化硅含量≤12%	90-270	
		Cured 铜 High Temperature > 12% Si 高温硅含量>12%	90-225 90-180	
	Copper Alloys 铜合金	Free Cutting > 1% Pb 易切铅含量>1%	70-225	
		Brass 硬化 Electrolytic Copper 电解铜	70-180 70-270	
Non Metallic 非金属	Duroplastics, Fiber Plastics 硬塑料、塑料纤维 Hard Rubber 硬橡胶	70-270 70-270		
S 高温合金	High Temperature/Super Alloys (Fe based) 高温合金/超合金 (铁基)	Annealed 退火 Cured 硬化	30-50	(0.038 * D) / 22
		Annealed 退火 Cured 硬化 Cast 铸造	25-45	
	Titanium Alloys 钛合金	Alpha + Beta Alloys Cured 固溶	30-40	

D= Tool holder cutting diameter. D=刀杆切削径



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