



WANYA TOOLS

万亚工具

品质**成就**未来

Quality Achievement Future



乐清市万亚工具有限公司
YUEQING WANYA TOOLS CO.,LTD.

刀齿类型1-铝用齿纹
Cut type 1 - Aluminium



尤其适用于铝、镁、塑料和硬质橡胶的加工，刀齿效率较好，材料切削去除率更佳。这种齿形的特点有利于快速清除切屑，防止其阻塞刀具。

Particularly suitable for working on aluminium, magnesium, plastic, and hard rubber. Gives high cutter efficiency, with good removal of material. The specific features of this type of cut facilitate rapid removal of chips preventing these from clogging the tool.

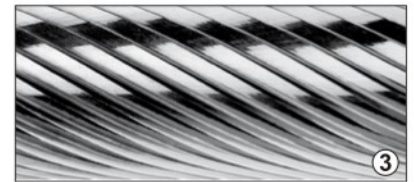
刀齿类型2-粗齿纹
Cut type 2 - Course



这种齿形介于1和3之间，建议软性材料、青铜、黄铜、锡、锌、纯铜和其他易于加工的材料用此类齿形，而对于切削较长的材料，使用此类齿纹刀具宜同时采用断屑齿纹。

This type of cut is intermediate between cut 1 and cut 3 and, it is recommended for soft materials, bronze, brass, tin, zinc, copper and other easily removable materials. For long chipping material this cut should be used with chip breaker.

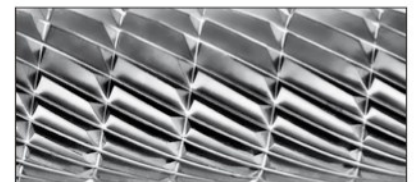
刀齿类型3-中齿纹/标准齿纹
Cut type 3 - Medium



标准齿纹适用于钢材（包括回火钢）、铸钢、焊缝和几乎所有的金属材料的加工。这种齿形的加工表面质量极佳，同时加工效率也较好。

Standard cut. Suitable for steel (including tempered) cast steel, weld seams, and in general almost all metallic materials. Together with optimum efficiency, it gives a good surface finish.

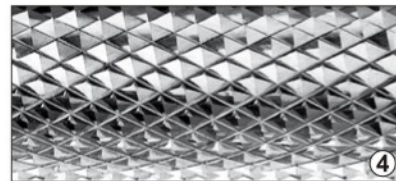
刀齿类型4-断屑齿纹
Chip breaker



单齿锉上都可以采用断屑齿纹。推荐在加工切屑较长的材料时使用。根据需要只要稍加少许费用，1、2、3和5类齿纹的旋转锉上均可采用断屑齿纹结构、

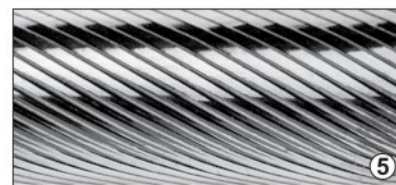
This can be executed on all single cut file cutters. Use is recommended for working of materials which produce long chips. Upon request, Cerin rotary burs with cut type 1-2-3 and 5 can be supplied with chip breaker with a small additional price.

刀齿类型4-菱形齿纹
Cut type 4 - Diamond



对于高合金钢、不锈钢、镁合金、灰铸铁和CrNi钢的加工建议采用这种齿形。相比标准齿纹，其特殊的几何形状更有利于材料的切削。对于操作人员而言。这种齿形在加工过程中可以避免切屑被粉碎，从而防止由此可能出现的不利现象。
Recommended for high alloy steel, stainless steel, magnesium alloys, grey cast iron and CrNi steels. Its particular geometry allows considerable material penetration with a removal capacity greater than the standard cut. It avoids the formation of true chips pulverising the removed material and thus avoiding the associated disadvantage for the operator during working.

刀齿类型4-密齿纹
Cut type 5 - Fine



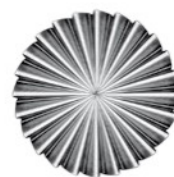
密齿纹，尤其适用于66HRC以下的回火钢以及材料面层质量有较高要求的情况。
Fine cut. Particularly suitable for tempered steel up to 66 HRC and for obtaining high surface finish.

刀齿类型4-双齿纹
Cut type 6 - Double cut



这种通用齿形几乎使用于各种金属材料，包括回火钢和耐腐属性材料。加工过程中的震动更小，刀具也更易控制。切削效率与面层效果均较好。
Universal cut suitable for working on almost metallic materials, including tempered steels and corrosion resistant material. Reduces vibration and gives a better control of the cutter during working. Considerable removal capacity with good surface finish.

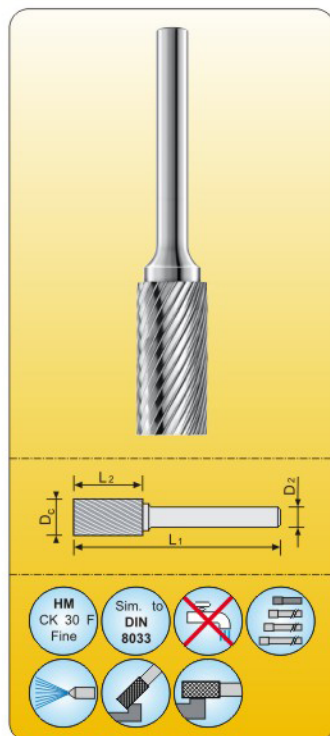
端齿纹
Frontal teeth



根据需要，30和39型旋转锉可以附带地面切削齿纹。
如果刀具前方的材料也需要加工，则可以采用这种齿形结构。
30 and 39 can be supplied with end cut upon request. Used if frontal material has to be removed.

ZYA型-圆柱形不带底面切削齿纹的旋转锉 Shape ZYA-Cylindrical without end cut

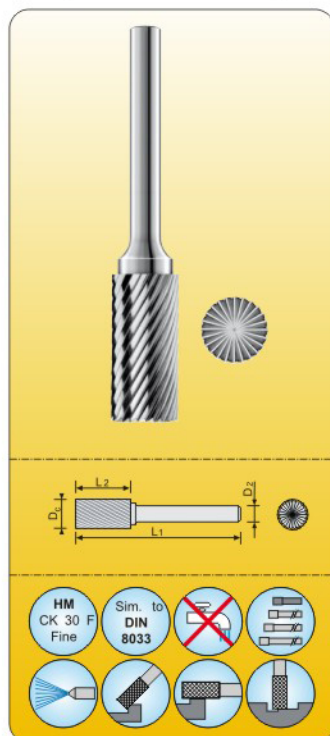
根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



Tools No.	D _c	L2	D2	L1	刀齿类型 / Cut type					
					1	2	3	4	5	6
A0413M03	4.0	12.7	3	51		✓	✓	✓	✓	✓
A0416M06	4.0	16	6	61		✓	✓	✓	✓	✓
A0513M03	5.0	12.7	3	51		✓	✓	✓	✓	✓
A0516M06	5.0	16	6	61		✓	✓	✓	✓	✓
A0613M03	6.3	12.7	3	51		✓	✓	✓	✓	✓
A0616M06	6.0	16	6	61	✓	✓	✓	✓	✓	✓
* A0818M06	8.0	18	6	63	✓	✓	✓	✓	✓	✓
* SA-2M	7.9	19	6	64	✓	✓	✓	✓	✓	✓
* A0820M06	8.0	20	6	65	✓	✓	✓	✓	✓	✓
* SA-3M	9.5	19	6	64	✓	✓	✓	✓	✓	✓
* A1020M06	10.0	20	6	65	✓	✓	✓	✓	✓	✓
* SA-4M	11.1	25	6	70	✓	✓	✓	✓	✓	✓
* A1225M06	12.0	25	6	70	✓	✓	✓	✓	✓	✓
* SA-5M	12.7	25	6	70	✓	✓	✓	✓	✓	✓
* A1425M06	14.0	25	6	70	✓	✓	✓	✓	✓	✓
* A1625M06	16.0	25	6	70	✓	✓	✓	✓	✓	✓
* A1825M06	18.0	25	6	70	✓	✓	✓	✓	✓	✓
* SA-7M	19.0	25	6	70	✓	✓	✓	✓	✓	✓
* A2025M06	20.0	25	6	70	✓	✓	✓	✓	✓	✓
* SA-9M	25.0	25	6	70	✓	✓	✓	✓	✓	✓

ZYA/ST型-圆柱形带底面切削齿纹的旋转锉 Shape ZYA/ST-Cylindrical with end cut

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



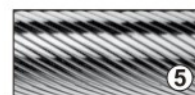
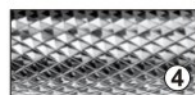
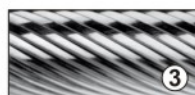
Tools No.	D _c	L2	D2	L1	刀齿类型 / Cut type					
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B0416M06	4.0	16	6	61		✓	✓	✓	✓	✓
B0516M06	5.0	16	6	61		✓	✓	✓	✓	✓
B06005M03	6.3	4.8	3	51		✓	✓	✓	✓	✓
B0616M06	6.0	16	6	61	✓	✓	✓	✓	✓	✓
* B0818M06	8.0	18	6	63	✓	✓	✓	✓	✓	✓
* SB-2M	7.9	19	6	64	✓	✓	✓	✓	✓	✓
* B0820M06	8.0	20	6	65	✓	✓	✓	✓	✓	✓
* SB-3M	9.5	19	6	64	✓	✓	✓	✓	✓	✓
* B1020M06	10.0	20	6	65	✓	✓	✓	✓	✓	✓
* SB-4M	11.1	25	6	70	✓	✓	✓	✓	✓	✓
* B1225M06	12.0	25	6	70	✓	✓	✓	✓	✓	✓
* SB-5M	12.7	25	6	70	✓	✓	✓	✓	✓	✓
* B1425M06	14.0	25	6	70	✓	✓	✓	✓	✓	✓
* B1625M06	16.0	25	6	70	✓	✓	✓	✓	✓	✓
* B1825M06	18.0	25	6	70	✓	✓	✓	✓	✓	✓
* SB-7M	19.0	25	6	70	✓	✓	✓	✓	✓	✓
* B2025M06	20.0	25	6	70	✓	✓	✓	✓	✓	✓
* SB-9M	25.0	25	6	70	✓	✓	✓	✓	✓	✓

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

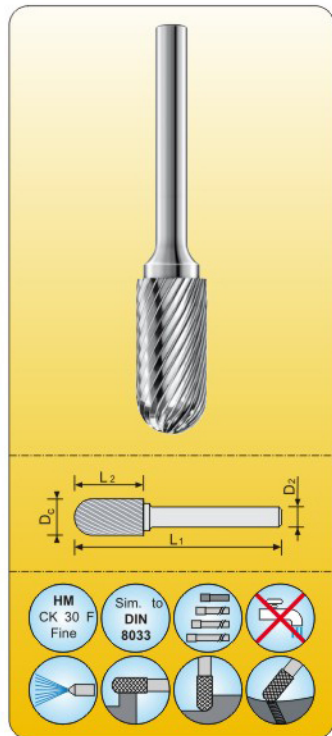
<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



WRC型-球头圆柱旋转锉**Shape WRC-Cylindrical radius end**

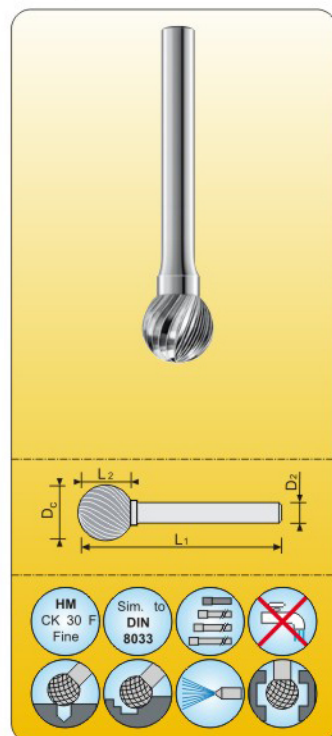
根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



Tools No.	D _c	L2	D2	L1	刀齿类型 / Cut type					
					1	2	3	4	5	6
C0413M03	4.0	12.7	3	51		✓	✓	✓	✓	✓
C0416M06	4.0	16	6	61		✓	✓	✓	✓	✓
C0513M03	5.0	12.7	3	81		✓	✓	✓	✓	✓
C0516M06	5.0	16	6	61		✓	✓	✓	✓	✓
C0613M03	6.3	12.7	3	51		✓	✓	✓	✓	✓
C0616M06	6.0	16	6	61	✓	✓	✓	✓	✓	✓
C0618M06	6.0	18	6	63	✓	✓	✓	✓	✓	✓
* C0818M06	8.0	18	6	63	✓	✓	✓	✓	✓	✓
* SC-2M	7.9	19	6	64	✓	✓	✓	✓	✓	✓
* C0820M06	8.0	20	6	65	✓	✓	✓	✓	✓	✓
* SC-3M	9.5	19	6	64	✓	✓	✓	✓	✓	✓
* C1020M06	10.0	20	6	65	✓	✓	✓	✓	✓	✓
* SC-4M	11.1	25	6	70	✓	✓	✓	✓	✓	✓
* C1225M06	12.0	25	6	70	✓	✓	✓	✓	✓	✓
* SC-5M	12.7	25	6	70	✓	✓	✓	✓	✓	✓
* C1625M06	16.0	25	6	70	✓	✓	✓	✓	✓	✓
* SC-7M	19.0	25	6	70	✓	✓	✓	✓	✓	✓
* SC-9M	25.0	25	6	70	✓	✓	✓	✓	✓	✓

KUD型-球形旋转锉**Shape KUD - Ball**

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



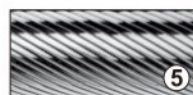
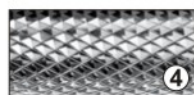
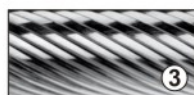
Tools No.	D _c	L2	D2	L1	刀齿类型 / Cut type					
					1	2	3	4	5	6
D0403M03	4.0	3.4	3	41		✓	✓	✓	✓	✓
D0504M03	5.0	4	3	42		✓	✓	✓	✓	✓
D0605M03	6.3	5	3	43		✓	✓	✓	✓	✓
D0605M06	6.0	5	6	50	✓	✓	✓	✓	✓	✓
D0807M06	8.0	7	6	52	✓	✓	✓	✓	✓	✓
* SD-3M	9.5	8	6	63	✓	✓	✓	✓	✓	✓
* D1009M06	10.0	9	6	54	✓	✓	✓	✓	✓	✓
* D1211M06	12.0	10.8	6	55	✓	✓	✓	✓	✓	✓
* SD-5M	12.7	11	6	56	✓	✓	✓	✓	✓	✓
* D1614M06	16.0	14	6	59	✓	✓	✓	✓	✓	✓
* SD-7M	19.0	16	6	62	✓	✓	✓	✓	✓	✓
* SD-9M	25.0	21	6	66	✓	✓	✓	✓	✓	✓

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

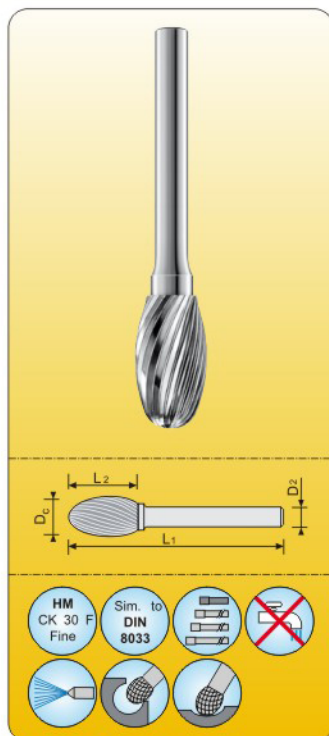
<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



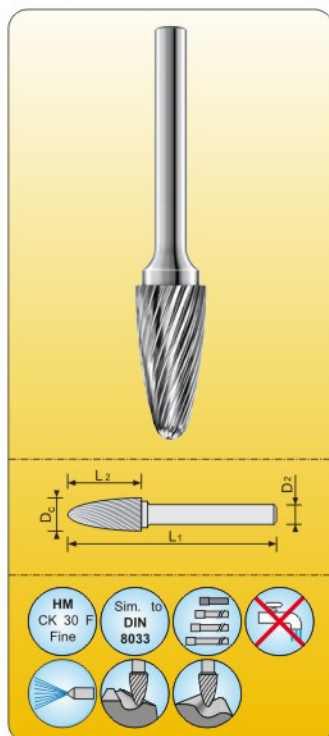
TRE型-椭圆形旋转锉
Shape TRE-Oval

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

[illegible]

RBF型-树形球头旋转锉
Shape RBF-Tree with radius end

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

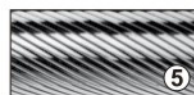
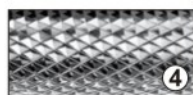
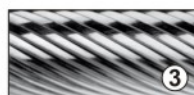
[illegible]

采用淬硬钢刀柄

…请务必注明刀尺类型（如：2015/4）

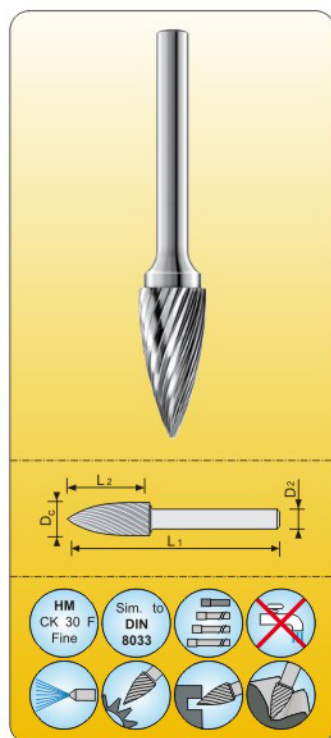
<With hardened steel shank

...Please always indicate cut type (example: 2015/4)



SPG型-树形尖旋转锉 Shape SPG-Tree with pointed end

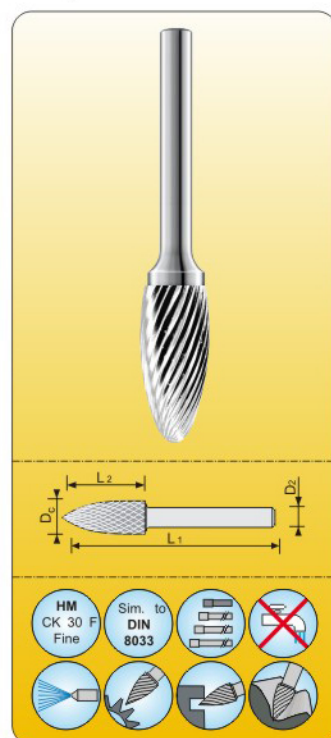
根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



Tools No.	D _c	L2	D2	L1	刀齿类型 / Cut type					
					1	2	3	4	5	6
G0413M03	4.0	12.7	3	51		✓	✓	✓	✓	✓
G0513M03	5.0	12.7	3	51		✓	✓	✓	✓	✓
G0613M03	6.3	12.7	3	51		✓	✓	✓	✓	✓
G0616M06	6.0	16	6	61		✓	✓	✓	✓	✓
G0618M06	6.0	18	6	63		✓	✓	✓	✓	✓
* G0818M06	8.0	18	6	63		✓	✓	✓	✓	✓
* SG-2M	7.9	19	6	64		✓	✓	✓	✓	✓
* G0820M06	8.0	20	6	65		✓	✓	✓	✓	✓
* SG-3M	9.5	19	6	64		✓	✓	✓	✓	✓
* G1020M06	10.0	20	6	65		✓	✓	✓	✓	✓
* SG-13M	12.7	20	6	65		✓	✓	✓	✓	✓
* G1225M06	12.0	25	6	70		✓	✓	✓	✓	✓
* SG-5M	12.7	25	6	70		✓	✓	✓	✓	✓
* G1625M06	16.0	25	6	70		✓	✓	✓	✓	✓
* SG-7M	19.0	25	6	70		✓	✓	✓	✓	✓
* SG-15M	19.0	38	6	83		✓	✓	✓	✓	✓

H型-火焰形旋转锉 Shape H-flame

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



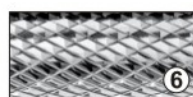
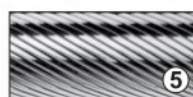
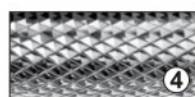
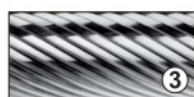
Tools No.	D _c	L2	D2	L1	刀齿类型 / Cut type					
					1	2	3	4	5	6
H0408M03	4.0	8	3	46		✓	✓	✓	✓	✓
H0510M03	5.0	9.5	3	47		✓	✓	✓	✓	✓
H0618M03	6.0	18	3	56		✓	✓	✓	✓	✓
H0618M06	6.0	18	6	63		✓	✓	✓	✓	✓
H0820M06	8.0	20	6	65		✓	✓	✓	✓	✓
SH-2M	7.9	19	6	64		✓	✓	✓	✓	✓
* H1025M06	10.0	25	6	70		✓	✓	✓	✓	✓
* H1232M06	12.0	32	6	77		✓	✓	✓	✓	✓
* SH-5M	12.7	32	6	77		✓	✓	✓	✓	✓
* H1636M06	16.0	36	6	81		✓	✓	✓	✓	✓
* SH-7M	19.0	41	6	86		✓	✓	✓	✓	✓

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

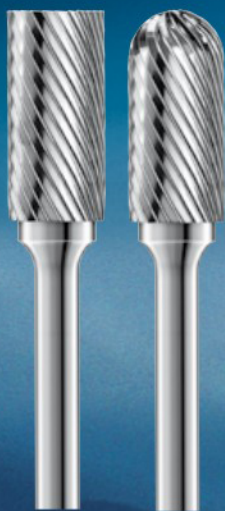
<With hardened steel shank

…Please always indicate cut type (example: 2015/4)





诚信为本 服务更进
Integrity-based Services more into



COMPANY + INTRODUCTION

乐清市万亚工具有限公司地处浙江温州风景秀丽的雁荡山南麓，港口道路交通十分便利。

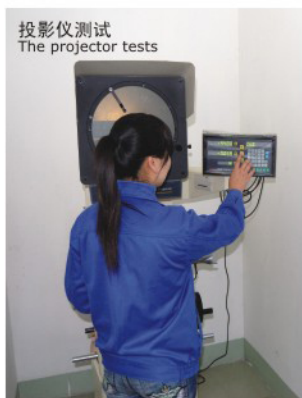
公司成立之初就坚持高起点高标准的建厂原则，在国内率先采用五轴五联动数控磨床并引进国外先进焊接工艺和焊材，产品生产流程完全参考国外同行质量控制标准。技术团队结合产品工作原理自行研制科学有效的焊接检测设备并制订出行业内唯一的强度检测标准，稳定、良好的品质迅速在国外市场赢得了口碑。随着经营规模的逐步扩大，产品已由船舶、汽车、高铁以及军工铸造、钛铝合金加工等机械制造行业向牙科医疗、雕刻领域延伸。产品90%出口欧、美、韩、日等先进工业水平国家和地区，国内以军工、高铁等高端市场为主。

面向未来，万亚工具秉持品质信誉为重、合作共赢的发展理念，坚持以人为本、诚信经营宗旨，竭诚为国内外客户提供完美的服务。



品质成就未来

Quality Achievement Future



追求卓越

缔造精品

是对产品的专注

以人为本、求质量、更重信誉……



标准型旋转锉 / STANDARD ROTARY BURS

形状 Shape	刀柄尺寸 Shank dimensions	页码 Page	
ZYA 圆柱形旋转锉 Cylindrical	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	11 11 11 19 21	
ZYA/ST 圆柱形旋转锉 带底面切削齿纹 Cylindrical end cut	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	11 11 11 19 21 23	
WRC 球头圆柱旋转锉 Cylindrical radius end	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	12 12 12 19 21	
KUD 球形旋转锉 Ball	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	12 12 12 19 21	
TRE 椭圆形旋转锉 Oval	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	13 13 13 19 21	
RBF 树形球头旋转锉 Tree shape radius end	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	13 13 13 19 21	
SPG 树形尖头旋转锉 Tree shape pointed end	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	14 14 14 19 21	
H型 Shape H-flame	$\Phi 3.00$ mm 标准型 / Standard * 可选用 / Optional $\Phi 8.00$ mm 刀柄长度 / Shank length 100 mm 刀柄长度 / Shank length 150 mm	14 14 14 19 21	



标准型旋转锉/STANDARD ROTARY BURS			
形状 Shape	刀柄尺寸 Shank dimensions	页码 Page	
KSK-60° 60° 圆锥形旋转锉 60° Conical	Φ 3.00 mm	15	
	标准型 / Standard	15	
	* 可选用/Optional Φ 8.00 mm	15	
KSK-90° 90° 圆锥形旋转锉 90° Conical	Φ 3.00 mm	15	
	标准型 / Standard	15	
	* 可选用/Optional Φ 8.00 mm	15	
KEL-14° 14° 锥形球头 Taper radius end	Φ 3.00 mm	16	
	标准型 / Standard	16	
	* 可选用/Optional Φ 8.00 mm	16	
	刀柄长度 / Shank length 100 mm	19	
	刀柄长度 / Shank length 150 mm	21	
SKM 圆锥形旋转锉 Conical	Φ 3.00 mm	16	
	标准型 / Standard	16	
	* 可选用/Optional Φ 8.00 mm	16	
WKN 15°倒锥形旋转锉 15° inverted cone	Φ 3.00 mm	17	
	标准型 / Standard	17	
	* 可选用/Optional Φ 8.00 mm	17	
WKN/ST 15°倒锥形旋转锉 带底面切削齿纹 15° inverted cone end cut	Φ 3.00 mm	17	
	标准型 / Standard	17	
	* 可选用/Optional Φ 8.00 mm	17	

注：如果其他型号要求，请联系我们。



标准型旋转锉 / STANDARD ROTARY BURS

形状 Shape	刀柄尺寸 Shank dimensions	页码 Page	
SA 圆柱形旋转锉 Cylindrical	$\Phi 1/8''$	26	
	标准型 / Standard	26	
	* 可选用 / Optional $\Phi 3/8''$	26	
	刀柄长度 / Shank length 4"	33	
	刀柄长度 / Shank length 6"	33	
SB 圆柱形旋转锉 带底面切削齿纹 Cylindrical end cut	$\Phi 1/8''$	26	
	标准型 / Standard	26	
	* 可选用 / Optional $\Phi 3/8''$	26	
	刀柄长度 / Shank length 4"	33	
	刀柄长度 / Shank length 6"	33	
SC 球头圆柱旋转锉 Cylindrical radius end	$\Phi 1/8''$	27	
	标准型 / Standard	27	
	* 可选用 / Optional $\Phi 3/8''$	27	
	刀柄长度 / Shank length 4"	33	
	刀柄长度 / Shank length 6"	33	
SD 球形旋转锉 Ball	$\Phi 1/8''$	27	
	标准型 / Standard	27	
	* 可选用 / Optional $\Phi 3/8''$	27	
	刀柄长度 / Shank length 4"	33	
	刀柄长度 / Shank length 6"	33	
SE 椭圆形旋转锉 Oval	$\Phi 1/8''$	28	
	标准型 / Standard	28	
	* 可选用 / Optional $\Phi 3/8''$	28	
	刀柄长度 / Shank length 4"	33	
	刀柄长度 / Shank length 6"	33	
SF 树形球头旋转锉 Tree shape radius end	$\Phi 1/8''$	28	
	标准型 / Standard	28	
	* 可选用 / Optional $\Phi 3/8''$	28	
	刀柄长度 / Shank length 4"	34	
	刀柄长度 / Shank length 6"	34	
SG 树形尖头旋转锉 Tree shape pointed end	$\Phi 1/8''$	29	
	标准型 / Standard	29	
	* 可选用 / Optional $\Phi 3/8''$	29	
	刀柄长度 / Shank length 4"	34	
	刀柄长度 / Shank length 6"	34	
SH型 Shape H-flame	$\Phi 1/8''$	29	
	标准型 / Standard	29	
	* 可选用 / Optional $\Phi 3/8''$	29	
	刀柄长度 / Shank length 4"	34	
	刀柄长度 / Shank length 6"	34	



标准型旋转锉 / STANDARD ROTARY BURS

形状 Shape	刀柄尺寸 Shank dimensions	页码 Page	
SJ-60° 60° 圆锥形旋转锉 60° Conical	Φ 1/8"	30	
	标准型 / Standard	30	
	* 可选用/Optional Φ 3/8"	30	
SK-90° 90° 圆锥形旋转锉 90° Conical	Φ 1/8"	30	
	标准型 / Standard	30	
	* 可选用/Optional Φ 3/8"	30	
SL-14° 14° 锥形球头 Taper radius end	Φ 1/8"	31	
	标准型 / Standard	31	
	* 可选用/Optional Φ 3/8"	31	
	刀柄长度 / Shank length 4"	34	
	刀柄长度 / Shank length 6"	34	
SM 圆锥形旋转锉 Conical	Φ 1/8"	31	
	标准型 / Standard	31	
	* 可选用/Optional Φ 3/8"	31	
SN 15°倒锥形旋转锉 15° inverted cone	Φ 1/8"	32	
	标准型 / Standard	32	
	* 可选用/Optional Φ 3/8"	32	
SN/E 15°倒锥形旋转锉 带底面切削齿纹 15° inverted cone end cut	Φ 1/8"	32	
	标准型 / Standard	32	
	* 可选用/Optional Φ 3/8"	32	

注：如果其他型号要求，请联系我们。



组件与附件 / SETS & ACCESSORIES

		编号 Code	页码 Page	
组件 Sets	欧美市场推荐套装	BS-1	35	
	欧美市场推荐套装	BS-2	35	
	欧美市场推荐套装	BS-3	35	
	自由组合套装	BS-4	36	
	自由组合套装	BS-5	36	
	自由组合套装	BS-6	36	

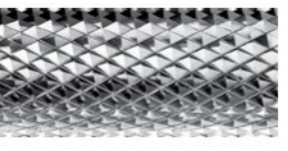
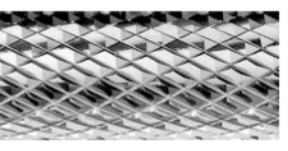
特殊旋转锉-企业型标准 / SPECIAL ROTARY BURS - INTERNAL STANDARD

形状 Shape	刀柄尺寸 Shank dimensions	页码 Page	
A 内圆磨锉 <i>Internal grinding tools</i>	WN	23	
	<i>Internal standard</i>		
N 内圆磨锉 <i>Internal grinding tools</i>	WN	23	
	<i>Internal standard</i>		
Y 开槽锉 <i>Groove cutters</i>	WN - 6,00 mm	24	
	<i>Internal standard</i>	24	
T 圆弧开槽锉 <i>Radius groove cutters</i>	WN - 6,00 mm	25	
	<i>Internal standard 6,00 mm</i>		
P 盘形开槽锉 <i>Disc cutters</i>	WN - 6,00 mm	25	
	<i>Internal standard 6,00 mm</i>		

旋转锉的切削速度（近似值）

speeds (approximative values) for Cerin rotary burs



材料 Material	整体硬质合金 VC m/min	Cer-T镀层 VC m/min	刀齿类型 Cut type	
< 400N/mm ²	800 - 1000	800 - 1000	刀齿1 Cut type1	
< 705N/mm ²	600 - 800	800 - 1000		
Titan Titanlegierungen	max = 2000 U/min.			①
< 400N/mm ²	650 - 800	650 - 1000	刀齿2 Cut type 2	
< 850N/mm ²	500 - 650	600 - 800		
Titan Titanlegierungen	max = 2000 U/min.			②
< 705 N/mm ²	500 - 650	600 - 800	刀齿3 Cut type 3	
< 1125N/mm ²	400 - 500	400 - 600		
< 46 HRC	200 - 450	300 - 500		
Titan Titanlegierungen	max = 2000 U/min.			③
< 850 N/mm ²	450 - 650	500 - 750	刀齿4 Cut type 4	
<1125 N/mm ²	350 - 500	400 - 600		
< 46 HRC	250 - 350	250 - 500		
< 418 HB	200 - 350	300 - 450		
Titan Titanlegierungen	max = 2000 U/min.			④
< 1125N/mm ²	350 - 600	400 - 600	刀齿5 Cut type 5	
< 1450 N/mm ²	250 - 300	250 - 400		
< 2050 N/mm ²	150 - 250	150 - 300		
< 66HRC	150 - 300	200 - 400		
Titan Titanlegierungen	max = 2000 U/min.			⑤
< 705 N/mm ²	500 - 650	600 - 800	刀齿6 Cut type 6	
<1125N/mm ²	300 - 500	400 - 600		
< 46 HRC	200 - 450	300 - 500		
Titan Titanlegierungen	max = 2000 U/min.			⑥

* 注意钛和钛合金的最大值 max. n = 2000 (U/min) * Attention! Titanium and Titanium alloys max. n = 2000 rpm

切削速度-转速

Cutting speeds - Revolution speeds

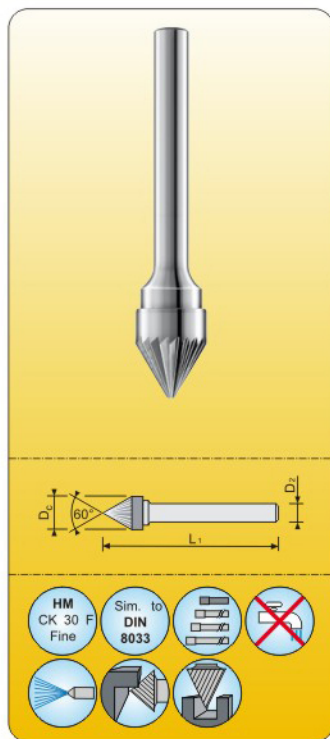
计算公式: 切削速度Vc (m/min) - 每分钟转速 n (U/min)	
Formula: cutting speed Vc (m/min) - Revolution per minute n (U/min)	
$V_c \text{ (m/min)} = \frac{\Phi D_c \text{ (mm)} \times 3.14 \times n \text{ (U/min)}}{1000}$	$n \text{ (U/min)} = \frac{V_c \text{ (m/min)} \times 1000}{\Phi D_c \text{ (mm)} \times 3.14}$

V _c m/min	D _c mm								c	
	2, 35	3, 00	4, 00	5, 00	6, 00	8, 00	10, 00	12, 00	16, 00	20, 00
	转速n (U/min) / Revolution (rpm)									
100	13550	10616	7962	6369	5308	3981	3185	2654	1990	1592
150	20325	15924	11943	9554	7962	5971	4777	3981	2986	2389
200	27100	21231	15924	12739	10616	7962	6369	5308	3981	3185
250	33875	26539	19904	15924	13270	9952	7962	6635	4976	3981
300	40650	31847	23885	19108	15924	11943	9554	7962	5971	4777
350	47425	37155	27866	22293	18577	13933	11146	9289	6967	5573
400	54201	42463	31847	25478	21231	15924	12739	10616	7962	6369
500	67751	53079	39809	31847	26539	19904	15924	13270	9952	7962
600	81301	63694	47771	38217	31847	23885	19108	15924	11943	9554
700	94851	74310	55732	44586	37155	27866	22293	18577	13933	11146
800	108401	84926	63694	50955	42463	31847	25478	21231	15924	12739
900	121951	95541	71656	57325	47771	35828	28662	23885	17914	14331
1000	135501	106157	79618	63694	53079	39809	31847	26539	19904	15924

* 注意钛和钛合金的最大值 max. n = 2000 (U/min) * Attention! Titanium and Titanium alloys max. n = 2000 rpm

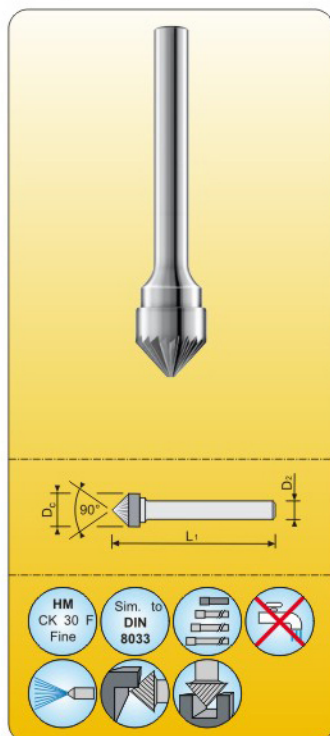
KSJ型-60° 圆锥形旋转锉
Shape KSJ-60° Conical

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

[illegible]

KSK型-90° 圆锥形旋转锉
Shape KSK-90° Conical

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

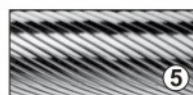
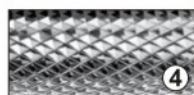
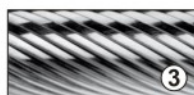
[illegible]

采用淬硬钢刀柄

…请务必注明刀尺类型（如：2015/4）

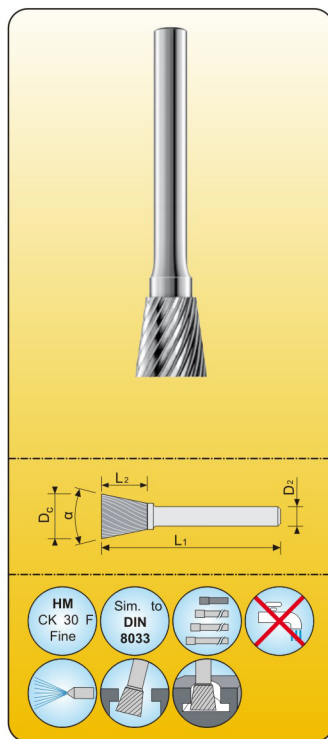
<With hardened steel shank

...Please always indicate cut type (example: 2015/4)



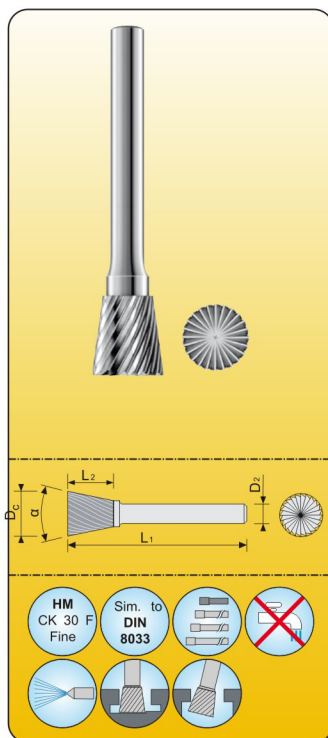
WKN型-15° 倒锥形不带底面切削齿纹的旋转锉
Shape WKN-15° Inverted cone without end cut

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

[illegible]

WKN型-15° 倒锥形带底面切削齿纹的旋转锉
Shape WKN/ST-15° nverted cone with end cut

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

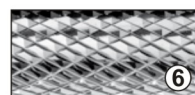
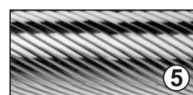
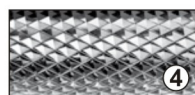
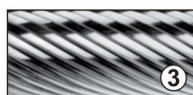
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采用淬硬钢刀柄

…请务必注明刀尺类型（如：2015/4）

<With hardened steel shank

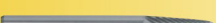
...Please always indicate cut type (example: 2015/4)



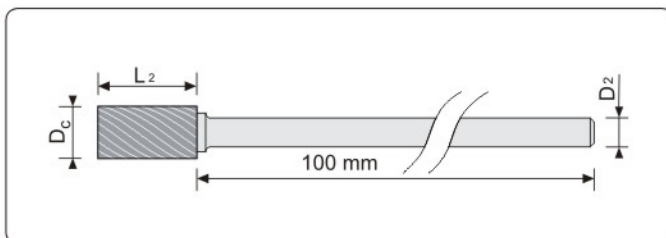
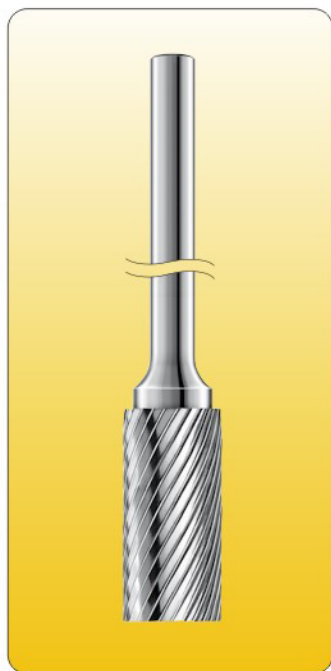


整体硬质合金旋转锉 Solid Carbide Burr

φ 6 整体硬质合金旋转锉 φ 6 Shank Solid Carbide Burr	TYPE	D _c	L2	D2	L1
	A0312M06	3.0	12	6	50
	A0416M06	4.0	16	6	50
	A0516M06	5.0	16	6	50
	A0616M06	6.0	16	6	50
 	B0312M06	3.0	12	6	50
	B0416M06	4.0	16	6	50
	B0516M06	5.0	16	6	50
	B0616M06	6.0	16	6	50
	C0312M06	3.0	12	6	50
	C0416M06	4.0	16	6	50
	C0516M06	5.0	16	6	50
	C0616M06	6.0	16	6	50
	D0302M06	3.0	2.5	6	50
	D0504M06	5.0	4.5	6	50
	D0605M06	6.0	5	6	50
	E0610M06	6.0	10	6	50
	F0313M06	3.0	12.7	6	50
	F0616M06	6.0	16	6	50
	G0616M06	6.0	16	6	50
	H0618M06	6.0	18	6	50
	J0604M06	6.0	4	6	50
	K0603M06	6.0	3	6	50
	L0616M06	6.0	16	6	50
	M0613M06	6.0	13	6	50
	M0619M06	6.0	19	6	50
	M0625M06	6.0	25	6	50
	N0608M06	6.0	8	6	50

φ 3 整体硬质合金旋转锉 φ 3 Shank Solid Carbide Burr	TYPE	D _c	L2	D2	L1
	A0211M03	2.5	11	3	38
	A0314M03	3.0	14	3	38
 	B0211M03	2.5	11	3	38
	B0300M03	3.0	0	3	38
	B0314M03	3.0	14	3	38
	C0211M06	2.5	11	3	38
	C0314M03	3.0	14	3	38
	D0202M03	2.5	2.3	3	38
	D0303M03	3.0	3	3	38
	E0305M03	3.0	5.5	3	38
	F0306M03	3.0	6	3	38
	F0313M03	3.0	12.7	3	38
	G0306M03	3.0	6	3	38
	G0309M03	3.0	9.5	3	38
	G0313M03	3.0	12.7	3	38
	H0306M03	3.0	6.3	3	38
	J0302M03	3.0	2.5	3	38
	K0301M03	3.0	1.5	3	38
	L0310M03	3.0	9.5	3	38
	L0313M03	3.0	12.7	3	38
	M0309M03	3.0	8.9	3	38
	M0311M03	3.0	11	3	38
	M0316M03	3.0	16	3	38
	N0203M03	2.5	3	3	38
	N0304M03	3.0	4	3	38

旋转锉刀柄长度100 mm
Rotary burs shank length 100 mm



HM
CK 30 F
Fine

WN
lang



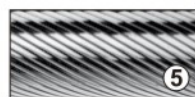
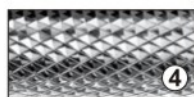
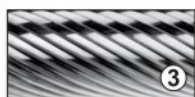
D _c	L2	D2	刀齿类型/ Cut type						设计类型 Design
			1	2	3	4	5	6	
6	16	6			✓	✓		✓	ZYA型 Form-Shape ZYA
8	20	6			✓	✓		✓	
10	20	6			✓	✓		✓	
12	25	6			✓	✓		✓	
16	25	6			✓	✓		✓	
16	25	8			✓	✓		✓	
20	25	6			✓	✓		✓	
20	25	8			✓	✓		✓	
6	16	6			✓	✓		✓	ZYA-ST型号 Form-Shape ZYA-ST
8	20	6			✓	✓		✓	
10	20	6			✓	✓		✓	
12	25	6			✓	✓		✓	
16	25	6			✓	✓		✓	
16	25	8			✓	✓		✓	
20	25	6			✓	✓		✓	
20	25	8			✓	✓		✓	
6	16	6			✓	✓		✓	WRC型号 Form-Shape WRC
8	20	6			✓	✓		✓	
10	20	6			✓	✓		✓	
12	25	6			✓	✓		✓	
16	25	6			✓	✓		✓	
16	25	8			✓	✓		✓	
20	25	6			✓	✓		✓	
20	25	8			✓	✓		✓	
6	16	6			✓	✓		✓	KEL-14° 型号 Form-Shape KEL-14°
8	22	6			✓	✓		✓	
10	28	6			✓	✓		✓	
12	30	6			✓	✓		✓	
16	38	6			✓	✓		✓	
16	38	8			✓	✓		✓	
20	42	6			✓	✓		✓	
20	42	8			✓	✓		✓	

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

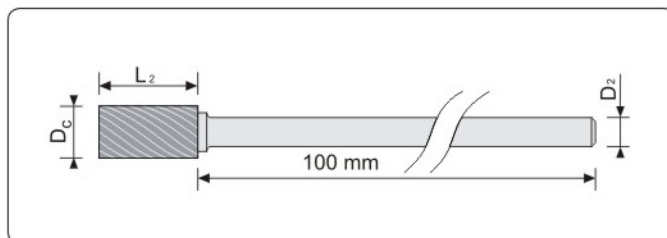
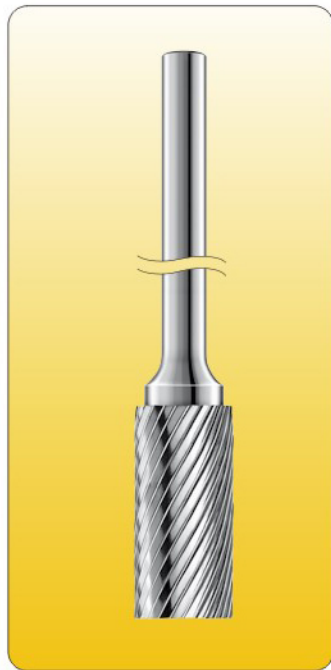
<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



旋转锉刀柄长度 100 mm

Rotary burs shank length 100 mm



HM
CK 30 F
Fine

WN
lang



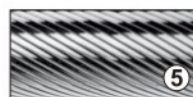
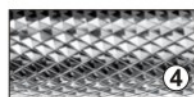
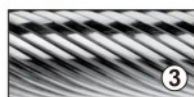
D _c	L2	D2	刀齿类型 / Cut type						设计类型 Design
			1	2	3	4	5	6	
6	16	6			✓		✓	✓	RBF型 Form-Shape RBF
8	20	6			✓		✓	✓	
10	20	6			✓		✓	✓	
12	25	6			✓		✓	✓	
16	28	6			✓		✓	✓	
16	28	8			✓		✓	✓	
20	35	6			✓		✓	✓	
20	35	8			✓		✓	✓	
6	16	6			✓		✓	✓	SPG型 Form-Shape SPG
8	20	6			✓		✓	✓	
10	20	6			✓		✓	✓	
12	25	6			✓		✓	✓	
16	28	6			✓		✓	✓	
16	28	8			✓		✓	✓	
20	40	6			✓		✓	✓	
20	40	8			✓		✓	✓	
6	10	6			✓		✓	✓	TRE型 Form-Shape TRE
8	13	6			✓		✓	✓	
10	16	6			✓		✓	✓	
12	21	6			✓		✓	✓	
16	25	6			✓		✓	✓	
16	25	8			✓		✓	✓	
20	25	6			✓		✓	✓	
20	25	8			✓		✓	✓	
6	5	6			✓		✓	✓	KUD型 Form-Shape KUD
8	7	6			✓		✓	✓	
10	9	6			✓		✓	✓	
12	11	6			✓		✓	✓	
16	15	6			✓		✓	✓	
16	15	8			✓		✓	✓	
20	18	6			✓		✓	✓	
20	18	8			✓		✓	✓	

采用淬硬钢刀柄

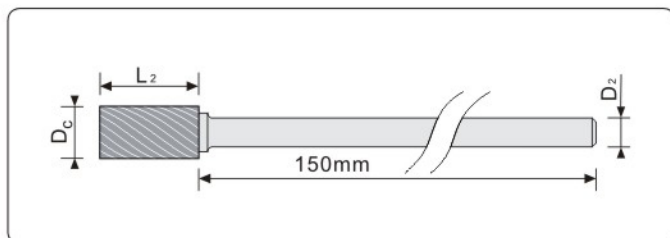
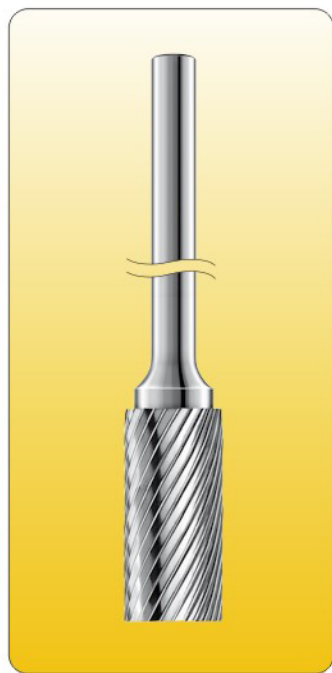
…请务必注明刀尺类型 (如: 2015/4)

<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



旋转锉刀柄长度 150 mm
Rotary burs shank length 150 mm



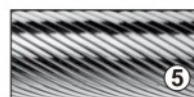
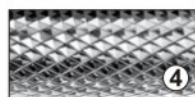
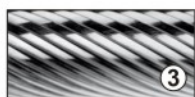
D _c	L2	D2	刀齿类型 / Cut type						设计类型 Design
			1	2	3	4	5	6	
6	16	6			✓	✓		✓	ZYA型 Form-Shape ZYA
8	20	6			✓	✓		✓	
10	20	6			✓	✓		✓	
12	25	6			✓	✓		✓	
16	25	6			✓	✓		✓	
16	25	8			✓	✓		✓	
20	25	6			✓	✓		✓	
20	25	8			✓	✓		✓	ZYA-ST型号 Form-Shape ZYA-ST
6	16	6			✓	✓		✓	
8	20	6			✓	✓		✓	
10	20	6			✓	✓		✓	
12	25	6			✓	✓		✓	
16	25	6			✓	✓		✓	
16	25	8			✓	✓		✓	
20	25	6			✓	✓		✓	WRC型号 Form-Shape WRC
20	25	8			✓	✓		✓	
6	16	6			✓	✓		✓	
8	20	6			✓	✓		✓	
10	20	6			✓	✓		✓	
12	25	6			✓	✓		✓	
16	25	6			✓	✓		✓	
16	25	8			✓	✓		✓	KEL-14° 型号 Form-Shape KEL-14°
20	25	6			✓	✓		✓	
20	25	8			✓	✓		✓	
6	16	6			✓	✓		✓	
8	22	6			✓	✓		✓	
10	28	6			✓	✓		✓	
12	30	6			✓	✓		✓	
16	38	6			✓	✓		✓	
16	38	8			✓	✓		✓	
20	42	6			✓	✓		✓	
20	42	8			✓	✓		✓	

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

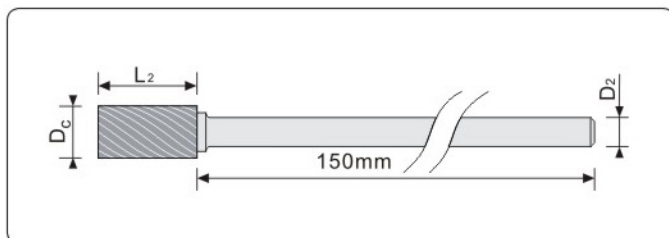
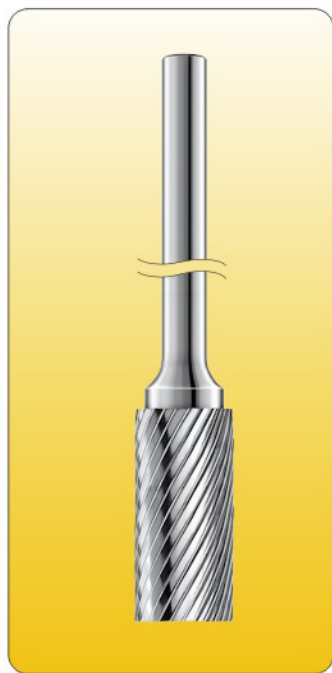
<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



旋转锉刀柄长度150 mm

Rotary burs shank length 150 mm



HM
CK 30 F
Fine

WN
lang



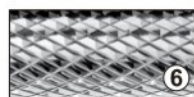
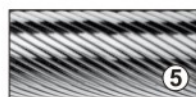
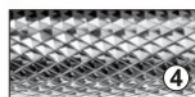
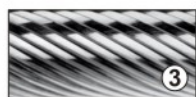
D _c	L2	D2	刀齿类型 / Cut type						设计类型 Design
			1	2	3	4	5	6	
6	16	6			✓		✓	✓	RBF型 Form-Shape RBF
8	20	6			✓		✓	✓	
10	20	6			✓		✓	✓	
12	25	6			✓		✓	✓	
16	28	6			✓		✓	✓	
16	28	8			✓		✓	✓	
20	35	6			✓		✓	✓	
20	35	8			✓		✓	✓	
6	16	6			✓		✓	✓	SPG型 Form-Shape SPG
8	20	6			✓		✓	✓	
10	20	6			✓		✓	✓	
12	25	6			✓		✓	✓	
16	28	6			✓		✓	✓	
16	28	8			✓		✓	✓	
20	40	6			✓		✓	✓	
20	40	8			✓		✓	✓	
6	10	6			✓		✓	✓	TRE型 Form-Shape TRE
8	13	6			✓		✓	✓	
10	16	6			✓		✓	✓	
12	21	6			✓		✓	✓	
16	25	6			✓		✓	✓	
16	25	8			✓		✓	✓	
20	25	6			✓		✓	✓	
20	25	8			✓		✓	✓	
6	5	6			✓		✓	✓	KUD型 Form-Shape KUD
8	7	6			✓		✓	✓	
10	9	6			✓		✓	✓	
12	11	6			✓		✓	✓	
16	15	6			✓		✓	✓	
16	15	8			✓		✓	✓	
20	18	6			✓		✓	✓	
20	18	8			✓		✓	✓	

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

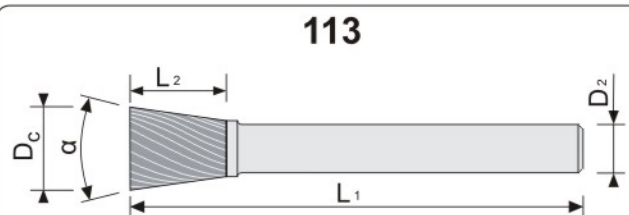
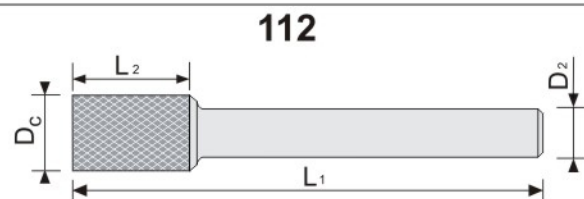
<With hardened steel shank

…Please always indicate cut type (example: 2015/4)

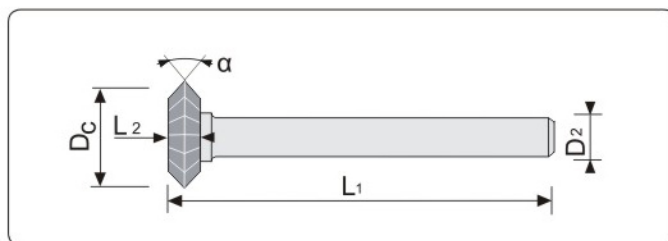


A 带密齿纹的内圈磨锉
Internal grinding tools with

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

[illegible]

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

[illegible]

T 直盘形或圆弧盘形铰

Disc cutters straight or with radius

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request

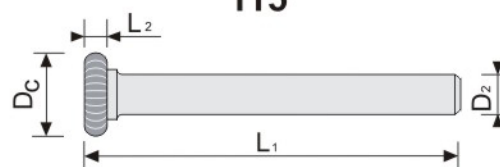
115



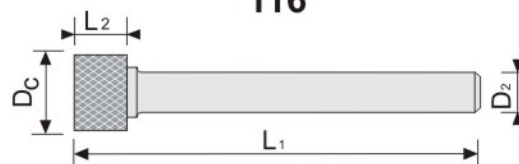
116



115



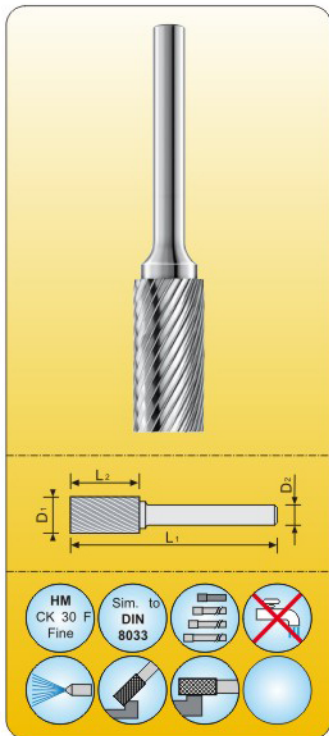
116



D _C h10	L2	L1	D2 h6	Z 115
10	2	47	6	20
10	3	48	6	20
10	4	49	6	20
10	6	51	6	20
12	2	47	6	24
12	3	48	6	24
12	4	49	6	24
12	6	51	6	24
16	2	47	6	30
16	3	48	6	30
16	4	49	6	30
16	6	51	6	30
16	8	53	6	30
20	2	47	6	35
20	4	49	6	35
20	6	51	6	35
20	8	53	6	35
20	10	55	6	35

SA型-圆柱形不带底面切削齿纹的旋转锉 Shape SA-Cylindrical without end cut

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request

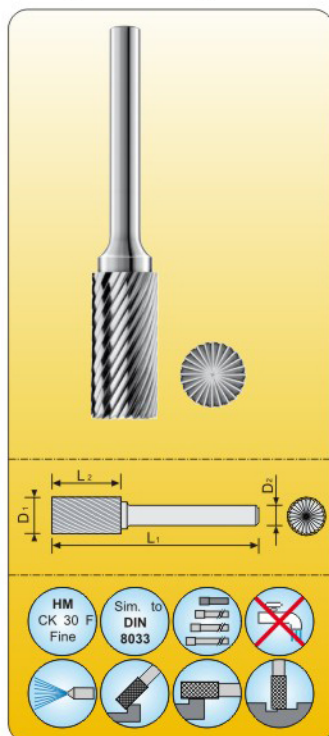


Tools No.	D ₁	L ₂	D ₂
SA-42	3/32	7/16	1/8
SA-42L2	3/32	7/16	1/8
SA-42L3	3/32	7/16	1/8
SA-11	1/8	1/2	1/4
SA-43	1/8	9/16	1/8
SA-43L2	1/8	9/16	1/8
SA-43L3	1/8	9/16	1/8
SA-12	1/8	5/8	1/4
SA-52	5/32	1/2	1/8
SA-13	5/32	5/8	1/4
SA-81	3/16	5/8	3/16
SA-53	3/16	1/2	1/8
SA-14	3/16	5/8	1/4
SA-51	1/4	1/2	1/8
SA-1	1/4	5/8	1/4
SA-1L	1/4	1	1/4
SA-1L6	1/4	1/2	1/4
SA-1NF	1/4	3/4	1/4
SA-2	5/16	3/4	1/4

Tools No.	D ₁	L ₂	D ₂
SA-3	3/8	3/4	1/4
SA-3L	3/8	1	1/4
SA-3L6	3/8	3/4	1/4
SA-3NF	3/8	3/4	1/4
SA-3X	3/8	1-1/2	1/4
SA-4	7/16	1	1/4
SA-5	1/2	1	1/4
SA-5L6	1/2	1	1/4
SA-5NF	1/2	1	1/4
SA-6	5/8	1	1/4
SA-6NF	5/8	1	1/4
SA-15	3/4	1/2	1/4
SA-16	3/4	3/4	1/4
SA-7	3/4	1	1/4
SA-7NF	3/4	1	1/4
SA-7NF3/8	3/4	1	3/8
SA-8	7/8	1	1/4
SA-9	1	1	1/4

SB型-圆柱形带底面切削齿纹的旋转锉 Shape SB-Cylindrical with end cut

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



Tools No.	D ₁	L ₂	D ₂
SB-42	3/32	7/16	1/8
SB-42L2	3/32	7/16	1/8
SB-42L3	3/32	7/16	1/8
SB-ECO	1/8	1/2	1/8
SB-11	1/8	5/8	1/4
SB-12	1/8	9/16	1/4
SB-43	1/8	9/16	1/8
SB-43L2	1/8	9/16	1/8
SB-43L3	1/8	9/16	1/8
SB-13	5/32	5/8	1/4
SB-14	3/16	5/8	1/4
SB-51	1/4	3/16	1/8
SB-1	1/4	5/8	1/4
SB-1L	1/4	1	1/4
SB-1NF	1/4	3/4	1/4
SB-2	5/16	3/4	1/4

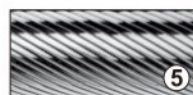
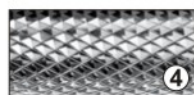
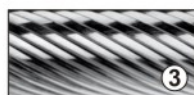
Tools No.	D ₁	L ₂	D ₂
SB-3	3/8	3/4	1/4
SB-3L	3/8	1	1/4
SB-3NF	3/8	3/4	1/4
SB-3X	3/8	1-1/2	1/4
SB-4	7/16	1	1/4
SB-5	1/2	1	1/4
SB-5NF	1/2	1	1/4
SB-6	5/8	1	1/4
SB-6NF	5/8	1	1/4
SB-15	3/4	1/2	1/4
SB-16	3/4	3/4	1/4
SB-7	3/4	1	1/4
SB-7NF	3/4	1	1/4
SB-7NF3/8	3/4	1	3/8
SB-8	7/8	1	1/4
SB-9	1	1	1/4

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

<With hardened steel shank

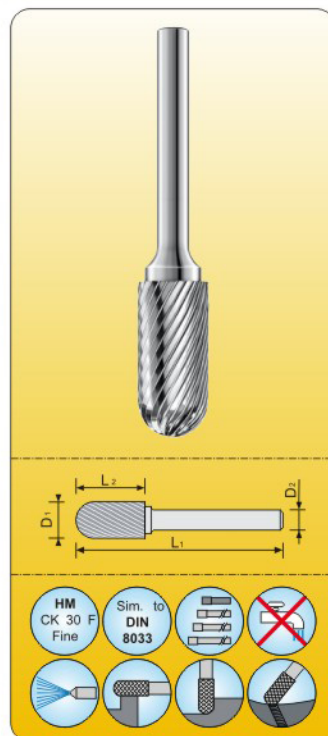
…Please always indicate cut type (example: 2015/4)



SC型-球头圆柱旋转锉

Shape SC-Cylindrical radius end

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



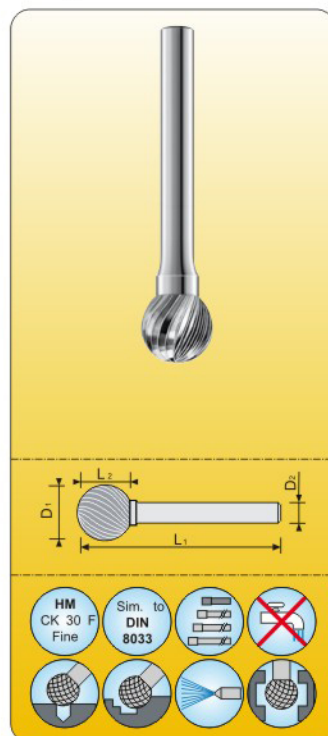
Tools No.	D ₁	L ₂	D ₂
SC-41	3/32	7/16	1/8
SC-11	1/8	1/2	1/4
SC-42	1/8	9/16	1/8
SC-42L2	1/8	9/16	1/8
SC-42L3	1/8	9/16	1/8
SC-12	1/8	5/8	1/4
SC-52	5/32	1/2	1/8
SC-13	5/32	5/8	1/4
SC-81	3/16	5/8	3/16
SC-53	3/16	1/2	1/8
SC-14	3/16	5/8	1/4
SC-51	1/4	1/2	1/8
SC-1	1/4	5/8	1/4
SC-1L	1/4	1	1/4
SC-1L6	1/4	1/2	1/4
SC-1NF	1/4	3/4	1/4
SC-2	5/16	3/4	1/4

Tools No.	D ₁	L ₂	D ₂
SC-3	3/8	3/4	1/4
SC-3L	3/8	1	1/4
SC-3L6	3/8	3/4	1/4
SC-3NF	3/8	3/4	1/4
SC-3X	3/8	1-1/2	1/4
SC-4	7/16	1	1/4
SC-5	1/2	1	1/4
SC-5L6	1/2	1	1/4
SC-5NF	1/2	1	1/4
SC-6	5/8	1	1/4
SC-6NF	5/8	1	1/4
SC-15	3/4	1/2	1/4
SC-16	3/4	3/4	1/4
SC-7	3/4	1	1/4
SC-7NF	3/4	1	1/4
SC-7NF3/8	3/4	1	3/8
SC-9	1	1	1/4

SD型-球形旋转锉

Shape SD - Ball

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



Tools No.	D ₁	L ₂	D ₂
SD-41	3/32	3/32	1/8
SD-11	1/8	3/32	1/4
SD-42	1/8	1/8	1/8
SD-42L2	1/8	1/8	1/8
SD-42L3	1/8	1/8	1/8
SD-52	5/32	5/32	1/8
SD-14	3/16	1/8	1/4
SD-53	3/16	5/32	1/8
SD-1	1/4	7/32	1/4
SD-1L6	1/4	7/32	1/4
SD-1NF	1/4	7/32	1/4
SD-51	1/4	7/32	1/8
SD-2	5/16	1/4	1/4

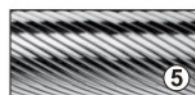
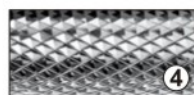
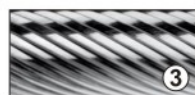
Tools No.	D ₁	L ₂	D ₂
SD-3	3/8	5/16	1/4
SD-3L6	3/8	5/16	1/4
SD-3NF	3/8	5/16	1/4
SD-4	7/16	3/8	1/4
SD-5	1/2	7/16	1/4
SD-5L6	1/2	7/16	1/4
SD-5NF	1/2	7/16	1/4
SD-6	5/8	9/16	1/4
SD-6NF	5/8	9/16	1/4
SD-7	3/4	11/16	1/4
SD-7NF	3/4	11/16	1/4
SD-7NF3/8	3/4	11/16	3/8
SD-9	1	15/16	1/4

采用淬硬钢刀柄

...请务必注明刀尺类型 (如: 2015/4)

<With hardened steel shank

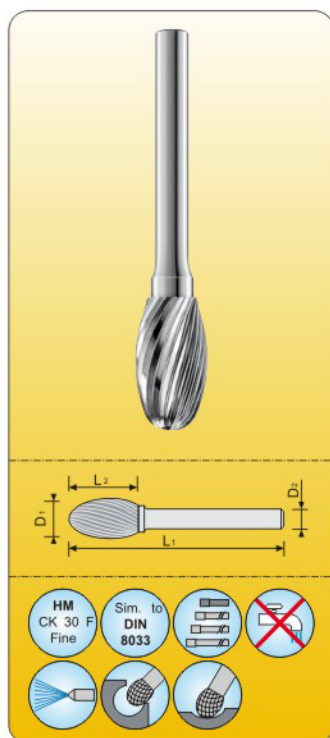
...Please always indicate cut type (example: 2015/4)



SE型-椭圆形旋转锉

Shape SE-Oval

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



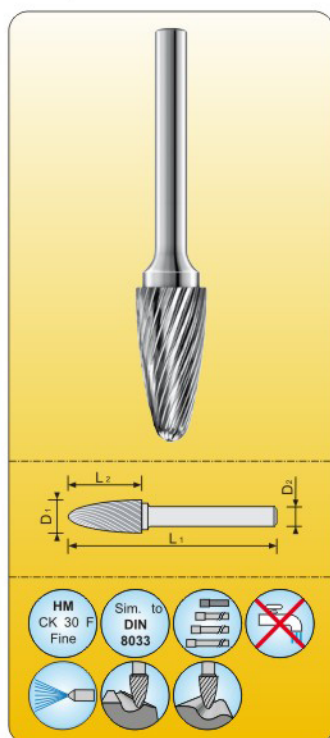
Tools No.	D ₁	L ₂	D ₂
SE-41	1/8	7/32	1/8
SE-41L2	1/8	7/32	1/8
SE-41L3	1/8	7/32	1/8
SE-53	3/16	9/32	1/8
SE-11	3/16	5/16	1/4
SE-1	1/4	3/8	1/4
SE-1L6	1/4	3/8	1/4
SE-51	1/4	3/8	1/8
SE-3	3/8	5/8	1/4
SE-3L6	3/8	5/8	1/4

Tools No.	D ₁	L ₂	D ₂
SE-3NF	3/8	5/8	1/4
SE-5	1/2	7/8	1/4
SE-5L6	1/2	7/8	1/4
SE-5NF	1/2	7/8	1/4
SE-6	5/8	1	1/4
SE-6NF	5/8	1	1/4
SE-7	3/4	1	1/4
SE-7NF	3/4	1	1/4
SE-7NF3/8	3/4	1	3/8

SF型-树形球头旋转锉

Shape SF-Tree with radius end

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



Tools No.	D ₁	L ₂	D ₂
SF-41	1/8	1/4	1/8
SF-11	1/8	1/2	1/4
SF-42	1/8	1/2	1/8
SF-42L2	1/8	1/2	1/8
SF-42L3	1/8	1/2	1/8
SF-53	3/16	1/2	1/8
SF-51	1/4	1/2	1/8
SF-1	1/4	3/4	1/4
SF-1L6	1/4	1/2	1/4
SF-1NF	1/4	3/4	1/4
SF-3	3/8	3/4	1/4
SF-3L6	3/8	3/4	1/4
SF-3NF	3/8	3/4	1/4

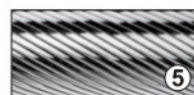
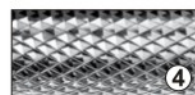
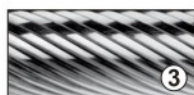
Tools No.	D ₁	L ₂	D ₂
SF-4	7/16	1	1/4
SF-13	1/2	3/4	1/4
SF-5	1/2	1	1/4
SF-5L6	1/2	1	1/4
SF-5NF	1/2	1	1/4
SF-6	5/8	1	1/4
SF-6NF	5/8	1	1/4
SF-7	3/4	1	1/4
SF-14	3/4	1-1/4	1/4
SF-14NF	3/4	1-1/4	1/4
SF-14NF3/8	3/4	1-1/4	3/8
SF-15	3/4	1-1/2	1/4

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

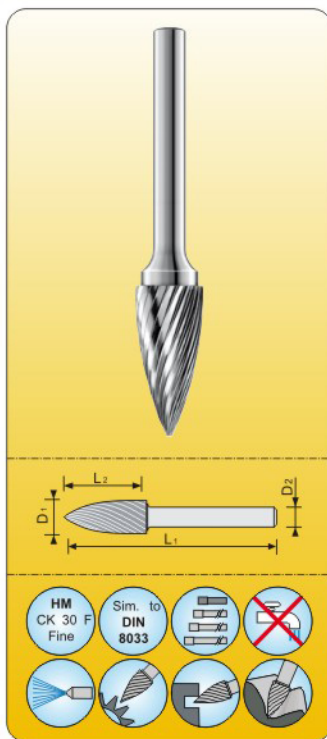
<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



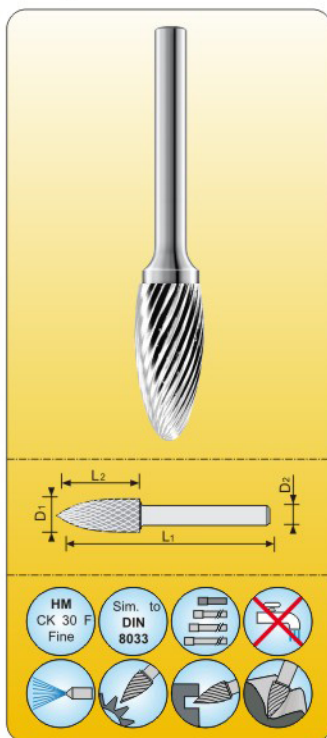
SG型-树形尖头旋转锉
Shape SG-Tree with pointed end

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

[illegible][illegible]

SH型-球形旋转锉
Shape SH-flame

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

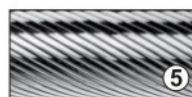
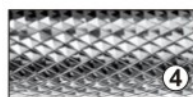
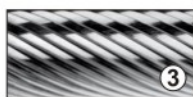
[illegible][illegible]

采用淬硬钢刀柄

…请务必注明刀尺类型（如：2015/4）

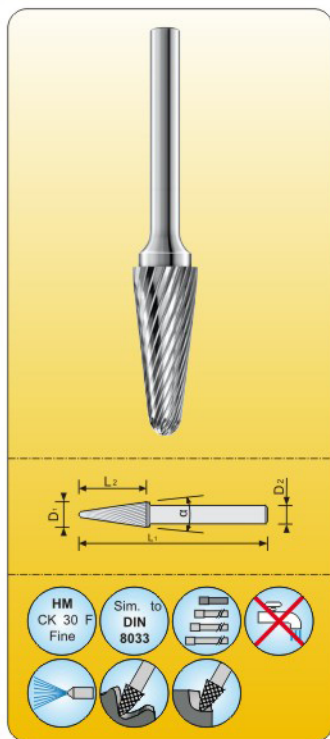
<With hardened steel shank

...Please always indicate cut type (example: 2015/4)



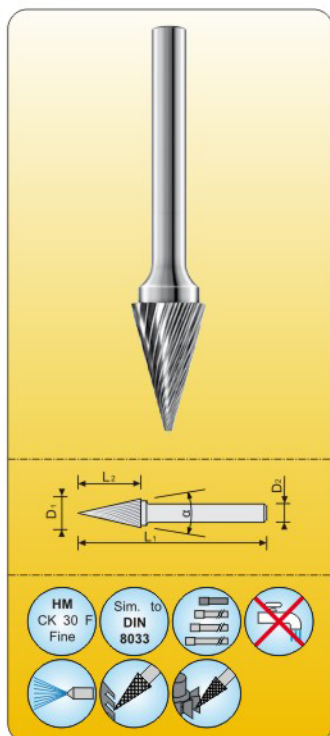
SL型-锥形球头旋转锉
Shape SL-14° Taper radius end

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

[illegible][illegible]

SM型-圆锥形旋转锉
Shape SM-Conical

根据需要, 可进行**Cer-T**镀层处理
Cer-T coating upon request

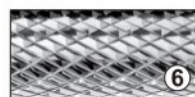
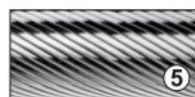
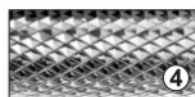
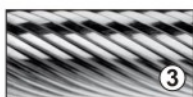
[illegible][illegible]

采用淬硬钢刀柄

…请务必注明刀尺类型（如：2015/4）

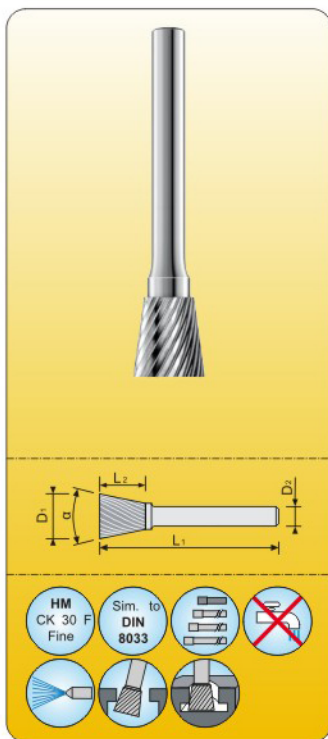
<With hardened steel shank

...Please always indicate cut type (example: 2015/4)



SN型-15° 倒锥形不带底面切削齿纹的旋转锉 Shape SN-15° Inverted cone without end cut

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request

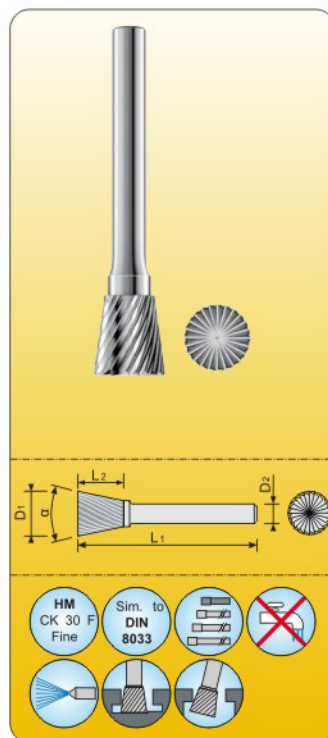


Tools No.	D ₁	L ₂	D ₂	α
SN-41	3/32	1/8	1/8	10°
SN-61	3/32	1/8	3/32	10°
SN-42	1/8	3/16	1/8	10°
SN-81	3/16	1/4	3/16	10°
SN-53	3/16	1/4	1/8	10°
SN-51	1/4	1/4	1/8	10°

Tools No.	D ₁	L ₂	D ₂	α
SN-1	1/4	5/16	1/4	10°
SN-2	3/8	3/8	1/4	13°
SN-4	1/2	1/2	1/4	28°
SN-6	5/8	3/4	1/4	18°
SN-7	3/4	5/8	1/4	30°

SN型-15° 倒锥形带底面切削齿纹的旋转锉 Shape SN/E-15° inverted cone with end cut

根据需要, 可进行Cer-T镀层处理
Cer-T coating upon request



Tools No.	D ₁	L ₂	D ₂	α
SN-41E	3/32	1/8	1/8	10°
SN-61E	3/32	1/8	3/32	10°
SN-42E	1/8	3/16	1/8	10°
SN-81E	3/16	1/4	3/16	10°
SN-53E	3/16	1/4	1/8	10°
SN-51E	1/4	1/4	1/8	10°

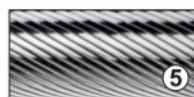
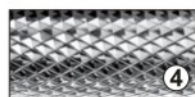
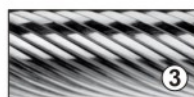
Tools No.	D ₁	L ₂	D ₂	α
SN-1E	1/4	5/16	1/4	10°
SN-2E	3/8	3/8	1/4	13°
SN-4E	1/2	1/2	1/4	28°
SN-6E	5/8	3/4	1/4	18°
SN-7E	3/4	5/8	1/4	30°

采用淬硬钢刀柄

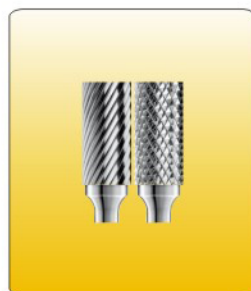
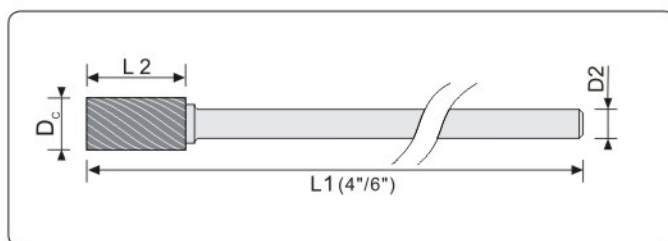
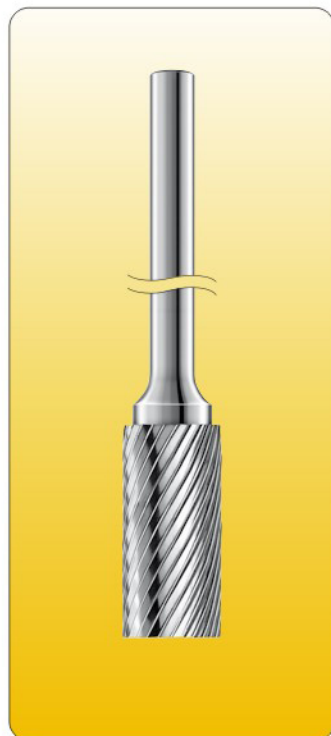
…请务必注明刀尺类型 (如: 2015/4)

<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



长度部分 Burs-long Shank-fractional



Tools No.	D ₁	L2	D2
SA-1L6	1/4	1/2	1/4
SA-3L6	3/8	3/4	1/4
SA-5L6	1/2	1	1/4



Tools No.	D ₁	L2	D2
SC-1L6	1/4	1/2	1/4
SC-3L6	3/8	3/4	1/4
SC-5L6	1/2	1	1/4

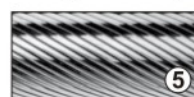
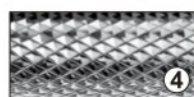
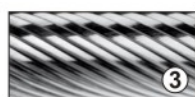


Tools No.	D ₁	L2	D2
SD-1L6	1/4	7/32	1/4
SD-3L6	3/8	5/16	1/4
SD-5L6	1/2	7/16	1/4



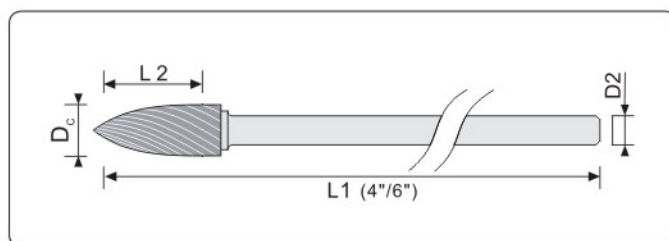
Tools No.	D ₁	L2	D2
SE-1L6	1/4	3/8	1/4
SE-3L6	3/8	5/8	1/4
SE-5L6	1/2	7/8	1/4

采用淬硬钢刀柄
…请务必注明刀尺类型 (如: 2015/4)

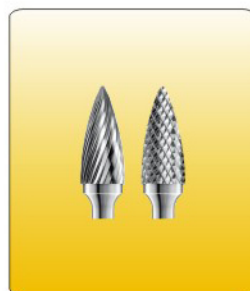


<With hardened steel shank
…Please always indicate cut type (example: 2015/4)

长度部分 Burs-long Shank-fractional



Tools No.	D ₁	L ₂	D ₂
SF-1L6	1/4	1/2	1/4
SF-3L6	3/8	3/4	1/4
SF-5L6	1/2	1	1/4



Tools No.	D ₁	L ₂	D ₂
SG-1L6	1/4	1/2	1/4
SG-3L6	3/8	3/4	1/4
SG-5L6	1/2	1	1/4



Tools No.	D ₁	L ₂	D ₂
SH-2L6	5/16	3/4	1/4
SH-5L6	1/2	1-1/4	1/4



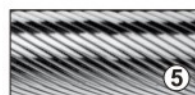
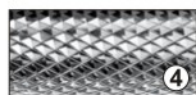
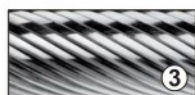
Tools No.	D ₁	L ₂	D ₂
SL-1L6	1/4	5/8	1/4
SL-3L6	3/8	1-1/16	1/4
SL-5L6	1/2	1-1/8	1/4

采用淬硬钢刀柄

…请务必注明刀尺类型 (如: 2015/4)

<With hardened steel shank

…Please always indicate cut type (example: 2015/4)



组件与附件 Sets & Accessories

推荐套装BS-1/European markets Recommended Kit BS-1

组件 / Set	搭配
	推荐套装BS-1产品型号规格: SD-5MDC SC-5MDC SB-5MDC SG-5MDC SL-4MDC 适用刀齿类型 3-4-5-6 Recommended Kit BS-1 Product Specification: SD-5MDC SC-5MDC SB-5MDC SG-5MDC SL-4MDC Available in cut type 3-4-5-6

推荐套装BS-2/European markets Recommended Kit BS-2

组件 / Set	搭配
	推荐套装BS-2产品型号规格: D0807D06 B1020D06 C1020D06 D1009D06 G1020D06 适用刀齿类型 3-4-5-6 Recommended Kit BS-2 Product Specification: D0807D06 B1020D06 C1020D06 D1009D06 G1020D06 Available in cut type 3-4-5-6

推荐套装BS-3/European markets Recommended Kit BS-3

组件 / Set	搭配
	推荐套装BS-3产品型号规格: SA-3DC SC-3DC SD-6DC SF-5DC SM-5DC 适用刀齿类型 3-4-5-6 Recommended Kit BS-3 Product Specification: SA-3DC SC-3DC SD-6DC SF-5DC SM-5DC Available in cut type 3-4-5-6

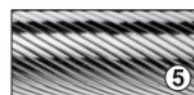
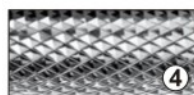
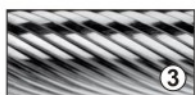
我们还可以根据客户要求定制不同形式的套装组合.....

采用淬硬钢刀柄

...请务必注明刀尺类型 (如: 2015/4)

<With hardened steel shank

...Please always indicate cut type (example: 2015/4)





组件与附件
Sets & Accessories

自由组合套装 BS-4/Freedom Packs BS-4 Product Specification:

组件 / Set	搭配
	自由组合套装BS-4产品型号规格: A1020D06 B1020D06 C1020D06 D1009D06 E1016D06 F1020D06 G1020D06 M1020D06 适用刀齿类型 3-4-5-6 Freedom Packs BS-4 Product Specification: A1020D06 B1020D06 C1020D06 D1009D06 E1016D06 F1020D06 G1020D06 M1020D06 Available in cut type 3-4-5-6

自由组合套装 BS-5/Freedom Packs BS-5 Product Specification:

组件 / Set	搭配
	自由组合套装BS-5产品型号规格: A0613D03 B0613D03 C0613D03 D0605D03 E0610D03 F0613D03 G0613D03 L0616D03 M0613D03 N0606D03 适用刀齿类型 3-4-5-6 Freedom Packs BS-5 Product Specification: A0613D03 B0613D03 C0613D03 D0605D03 E0610D03 F0613D03 G0613D03 L0616D03 M0613D03 N0606D03 Available in cut type 3-4-5-6

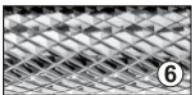
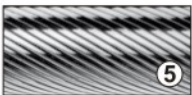
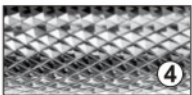
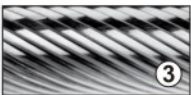
自由组合套装 BS-6/Freedom Packs BS-6 Product Specification:

组件 / Set	搭配
	自由组合套装BS-6产品型号规格: A0314D03 B0314D03 C0313D03 D0302D03 E0305D03 F0313D03 G0313D03 H0306D03 L0313D03 M0311D03 适用刀齿类型 3-4-5-6 Freedom Packs BS-6 Product Specification: A0314D03 B0314D03 C0313D03 D0302D03 E0305D03 F0313D03 G0313D03 H0306D03 L0313D03 M0311D03 Available in cut type 3-4-5-6

我们还可以根据客户要求定制不同形式的套装组合.....

采用淬硬钢刀柄
...请务必注明刀尺类型 (如: 2015/4)

<With hardened steel shank
...Please always indicate cut type (example: 2015/4)





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