

WILSON[®]
PRECISION TOOL

惠而顺



Dentistry

口腔器械

窝洞预备

破冠

抛光

Cavity Preparation

Crown Cutters

Finishing Instruments

Dental Catalogue

牙科样本

Laboratory

技工室器械

磨头

研磨车针

Burs

Milling Instruments

CAD/CAM End Mills

立铣刀




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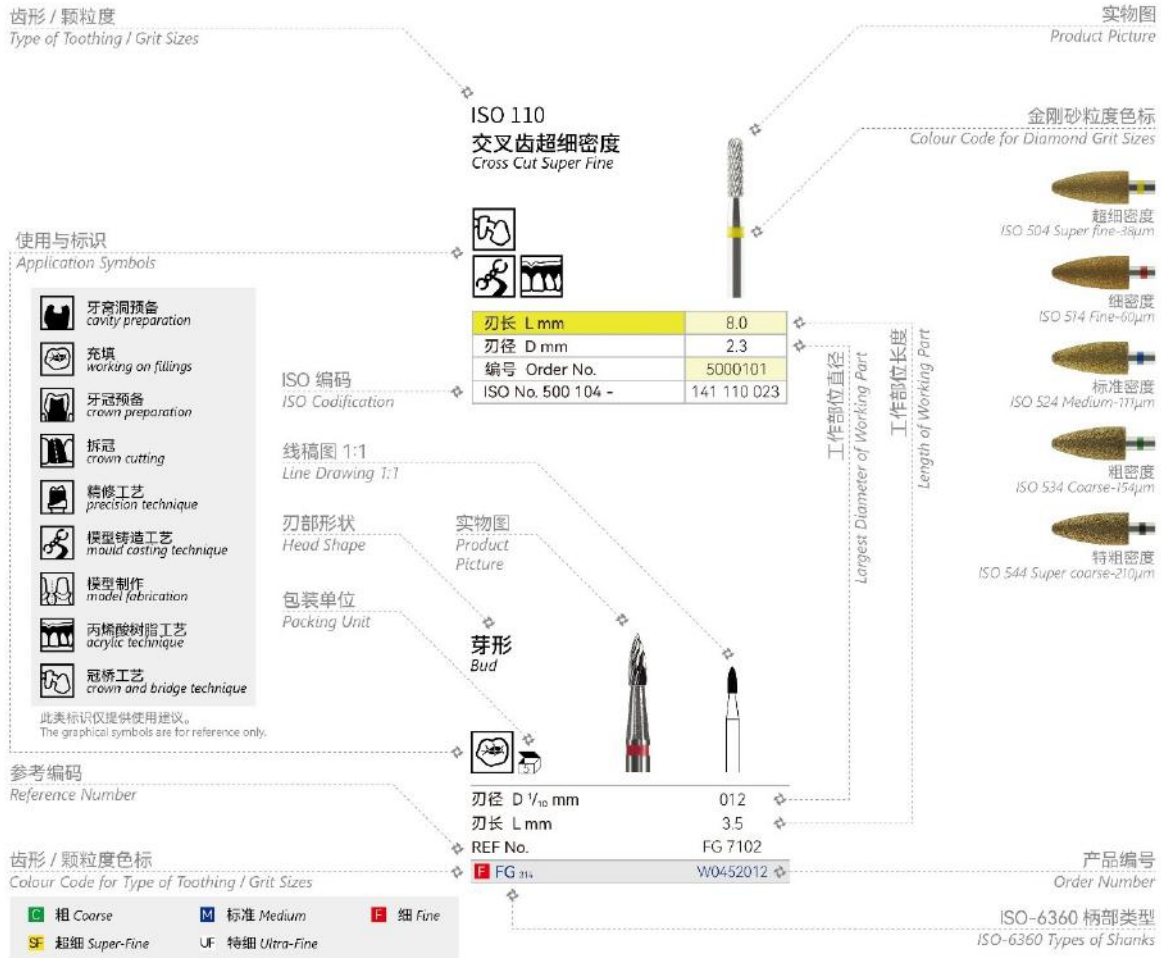
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术语与定义 Terms and Definitions



ISO 编码 ISO Codification

工作部位材料
Material of the working part

工作部位形状
Shapes of the working part

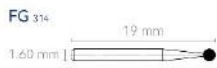
ISO No. **500 104 - 141 110 023**

柄部特征及总长
Type of the shank and overall length

工作部位直径
Largest diameter of the working part

产品总长的取值仅供参考及参考。基于不同的工作部位形状会有适当的调整。
The overall length may be altered by different shapes of the working part.

齿形 / 颗粒度
Type of Tothing / Grit Sizes



技工室钨钢器械

Tungsten Carbide Laboratory Instruments

HP-技工室钨钢磨头-树脂专用
HP-Tungsten Carbide Lab Burs-For Acrylic Resin



HP-技工室钨钢磨头-石膏专用
HP-Tungsten Carbide Lab Burs-For Plaster



HP-技工室钨钢磨头
HP-Tungsten Carbide Lab Burs



HP-左手专用技工室钨钢磨头
HP-Left-Handed Tungsten Carbide Lab Burs



HP-研磨车针
HP-Milling Instrument



HP-排牙专用磨头
HP-Roughen Burs



HP-三棱针
HP-Tri-Cutter



内磨机磨头
For Internal Grinder



种钉机钻头
Pindex Drills



HP-技工室钨钢磨头-树脂专用

HP-Tungsten Carbide Lab Burs-For Acrylic Resin

ISO 110
交叉齿超细密度
Cross Cut Super Fine



刃长 L mm	14.5
刃径 D mm	6.0
编号 Order No.	5002802
ISO No. 500 104 -	275 110 060

⌚_{opt} 20,000 - 35,000 rpm



ISO 140
交叉齿细密度
Cross Cut Fine



刃长 L mm	14.5	14.5
刃径 D mm	6.0	6.0
编号 Order No.	5002902	5002903
ISO No. 500 104 -	201 140 060	275 140 060

⌚_{opt} 15,000 - 30,000 rpm

ISO 175
右旋齿标准密度
Plain Cut Standard



刃长 L mm	14.5
刃径 D mm	6.0
编号 Order No.	5002701
ISO No. 500 104 -	275 175 060

⌚_{opt} 15,000 - 25,000 rpm

ISO 190
交叉齿标准密度
Cross Cut Standard



刃长 L mm	14.5	14.5
刃径 D mm	6.0	6.0
编号 Order No.	5003005	5003006
ISO No. 500 104 -	201 190 060	275 190 060

⌚_{opt} 10,000 - 20,000 rpm

ISO 176
直刃螺旋齿
Straight Edge with Spiral Cut



刃长 L mm	14.5
刃径 D mm	6.0
编号 Order No.	5003201
ISO No. 500 104 -	275 176 060

⌚_{opt} 10,000 - 20,000 rpm

ISO 220
交叉齿粗密度
Cross Cut Coarse



刃长 L mm	14.5	14.5
刃径 D mm	6.0	6.0
编号 Order No.	5003101	5003102
ISO No. 500 104 -	201 220 060	275 220 060

⌚_{opt} 10,000 - 20,000 rpm

刃口更锋利，提升打磨光洁度；
More efficient cutting for extremely smooth surface.

低振感，打磨更稳定；
Less vibration during use for better stability.

增加刀头散热性、减少打磨面的热熔现象。
Optimal heat dissipation to avoid overheat damage.

HP-技工室钨钢磨头-石膏专用

HP-Tungsten Carbide Lab Burs-For Plaster

ISO 175
右旋齿标准密度
Plain Cut Standard



刃长 L mm	12.0	14.5	12.0	14.5
刃径 D mm	6.0	6.0	6.0	6.0
编号 Order No.	5002402	5002403	5092402	5092403
ISO No. 500 104 -	263 175 060	272 175 060	263 175 060	272 175 060

⌚_{opt} 15,000 - 25,000 rpm

ISO 190
交叉齿标准密度
Cross Cut Standard



刃长 L mm	14.5	13.0	12.0	14.5
刃径 D mm	6.0	4.5	6.0	6.0
编号 Order No.	5002103	5092101	5092102	5092103
ISO No. 500 104 -	272 190 060	200 190 045	263 190 060	272 190 060

⌚_{opt} 10,000 - 20,000 rpm

ISO 215
右旋齿粗密度
Plain Cut Coarse



刃长 L mm	12.0	14.5	14.5	13.0	12.0	12.0	12.0	14.5	14.5
刃径 D mm	6.0	6.0	6.0	4.5	6.0	6.0	6.0	6.0	6.0
编号 Order No.	5002504	5002505	5002506	5092501	5092502	5092503	5092504	5092505	5092506
ISO No. 500 104 -	257 215 060	272 215 060	201 215 060	200 215 045	237 215 060	263 215 060	257 215 060	272 215 060	201 215 060

⌚_{opt} 10,000 - 20,000 rpm

ISO 220
交叉齿粗密度
Cross Cut Coarse



刃长 L mm	14.5
刃径 D mm	6.0
编号 Order No.	5002202
ISO No. 500 104 -	272 220 060

⌚_{opt} 10,000 - 20,000 rpm



ISO 222
右旋齿超粗密度
Plain Cut Super Coarse



刃长 L mm	14.5	15.0	-	12.7	14.5
刃径 D mm	6.0	7.0	5.0	6.0	6.0
编号 Order No.	5002604	5002605	5092602	5092603	5092604
ISO No. 500 104 -	272 222 060	263 222 070	001 222 050	143 222 060	272 222 060

⌚_{opt} 10,000 - 20,000 rpm

ISO 223
交叉齿超粗密度
Cross Cut Super Coarse



刃长 L mm	12.7	14.5	15.0	-	12.7	14.5
刃径 D mm	6.0	6.0	7.0	5.0	6.0	6.0
编号 Order No.	5002303	5002304	5002305	5092302	5092303	5092304
ISO No. 500 104 -	143 223 060	272 223 060	263 223 070	001 223 050	143 223 060	272 223 060

⌚_{opt} 10,000 - 20,000 rpm

提高锋利度及打磨效率;
Increased sharpness for better cutting efficiency.

全新齿形设计以增加排屑效率;
New designed cutting edge to reduce clogging.

振动极低、打磨稳定;
Low vibration during operation along with a smoother cutting.

金刚石涂层可显著增加使用寿命。
With CVD diamond coating, the service life of the burs is significantly improved, especially suitable for trimming plaster.

HP-技工室钨钢磨头-交叉齿

HP-Tungsten Carbide Lab Burs-Cross Cut

ISO 110
交叉齿超细密度
Cross Cut Super Fine



刃长 L mm	8.0	16.0	17.0	8.0	8.0	13.0	14.5	14.0	14.0	5.5	5.4
刃径 D mm	2.3	2.3	2.3	1.6	2.3	4.5	2.3	4.0	4.5	2.3	2.3
编号 Order No.	5000101	5000102	5000103	5000104	5000105	5000106	5000107	5000108	5000109	5000110	5000112
ISO No. 500 104 -	141 110 023	145 110 023	180 110 023	198 110 016	198 110 023	200 110 045	201 110 023	201 110 040	201 110 045	227 110 023	239 110 023

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D > 2.5mm : ω_{opt} 20,000 - 35,000 rpm



刃长 L mm	5.0	5.0	7.0	11.5	4.0	8.0	16.0	14.5	12.5	3.1	8.7
刃径 D mm	2.3	2.9	2.3	4.0	2.3	2.3	2.3	6.0	6.0	1.4	4.0
编号 Order No.	5000113	5000114	5000115	5000117	5000118	5000119	5000120	5000121	5000122	5000123	5000124
ISO No. 500 104 -	237 110 023	237 110 029	257 110 023	274 110 040	277 110 023	289 110 023	292 110 023	272 110 060	113 110 060	277 110 014	257 110 040



刃长 L mm	12.5	14.5	14.5	11.5	14.5	16.0	12.0
刃径 D mm	6.0	6.0	6.0	3.1	6.0	2.3	6.0
编号 Order No.	5000125	5000126	5000127	5000128	5000129	5000130	5000131
ISO No. 500 104 -	143 110 060	201 110 060	213 110 060	199 110 031	275 110 060	116 110 023	263 110 060

ISO 140
交叉齿细密度
Cross Cut Fine



刃长 L mm	-	16.0	8.0	12.5	16.0	17.0	8.0	8.0	11.7	13.0	14.5
刃径 D mm	2.3	2.3	2.3	6.0	2.3	2.3	1.6	2.3	3.1	4.5	2.3
编号 Order No.	5000201	5000202	5000203	5000204	5000205	5000206	5000207	5000208	5000209	5000210	5000211
ISO No. 500 104 -	001 140 023	116 140 023	141 140 023	143 140 060	145 140 023	180 140 023	198 140 016	198 140 023	200 140 031	200 140 045	201 140 023

D ≤ 2.3mm : ω_{opt} 25,000 - 40,000 rpm
D > 2.5mm : ω_{opt} 20,000 - 35,000 rpm
D = 6.0mm : ω_{opt} 15,000 - 30,000 rpm



刃长 L mm	14.0	14.5	5.5	5.0	5.0	12.0	11.0	9.0	12.0	7.6	12.0
刃径 D mm	4.0	6.0	2.3	2.3	2.9	6.0	6.0	4.0	6.0	4.0	6.0
编号 Order No.	5000212	5000213	5000214	5000216	5000217	5000218	5000219	5000221	5000222	5000223	5000224
ISO No. 500 104 -	201 140 040	201 140 060	227 140 023	237 140 023	237 140 029	237 140 060	239 140 060	257 140 040	257 140 060	263 140 040	263 140 060



刃长 L mm	14.5	14.5	3.1	4.0	9.3	8.0	16.0	12.5	14.6	11.5
刃径 D mm	6.0	6.0	1.4	2.3	6.0	2.3	2.3	6.0	6.0	4.0
编号 Order No.	5000226	5000227	5000228	5000229	5000230	5000233	5000234	5000235	5000236	5000237
ISO No. 500 104 -	272 140 060	275 140 060	277 140 014	277 140 023	277 140 060	289 140 023	292 140 023	113 140 060	213 140 060	274 140 040

HP-技工室钨钢磨头-交叉齿

HP-Tungsten Carbide Lab Burs-Cross Cut

ISO 190
交叉齿标准密度
Cross Cut Standard



刃长 L mm	-	-	-	-	-	-	-	-	-	-	-
刃径 D mm	1.0	1.2	1.4	1.6	1.8	2.3	2.5	2.7	3.0	3.5	4.0
编号 Order No.	5000301	5000302	5000303	5000304	5000305	5000306	5000307	5000308	5000310	5000312	5000313
ISO No. 500 104 -	001 190 010	001 190 012	001 190 014	001 190 016	001 190 018	001 190 023	001 190 025	001 190 027	001 190 030	001 190 035	001 190 040

D ≤ 2.3mm : ω_{opt} 25,000 - 40,000 rpm
D ≥ 2.5mm : ω_{opt} 20,000 - 35,000 rpm
D ≥ 5.0mm : ω_{opt} 15,000 - 30,000 rpm



刃长 L mm	-	-	-	12.5	16.0	8.0	12.5	16.0	17.0	8.0	8.0
刃径 D mm	5.0	6.0	8.0	6.0	2.3	2.3	6.0	2.3	2.3	1.6	2.3
编号 Order No.	5000314	5000315	5000316	5000317	5000318	5000319	5000320	5000321	5000322	5000326	5000327
ISO No. 500 104 -	001 190 050	001 190 060	001 190 080	113 190 060	116 190 023	141 190 023	143 190 060	145 190 023	180 190 023	198 190 016	198 190 023



刃长 L mm	11.5	13.0	14.5	14.5	15.0	4.0	5.5	5.4	5.0	5.0	12.0
刃径 D mm	3.1	4.5	2.3	4.0	6.0	1.6	2.3	2.3	2.3	2.9	6.0
编号 Order No.	5000328	5000329	5000330	5000331	5000332	5000333	5000334	5000335	5000336	5000337	5000338
ISO No. 500 104 -	200 190 031	200 190 045	201 190 023	201 190 040	201 190 060	226 190 016	227 190 023	239 190 023	237 190 023	237 190 029	237 190 060



刃长 L mm	11.0	7.0	9.0	12.0	14.6	7.6	12.0	11.5	14.5	14.5	4.0
刃径 D mm	6.0	2.3	4.0	6.0	6.0	4.0	6.0	4.0	6.0	6.0	2.3
编号 Order No.	5000339	5000341	5000342	5000343	5000344	5000345	5000346	5000348	5000349	5000350	5000352
ISO No. 500 104 -	239 190 060	257 190 023	257 190 040	257 190 060	213 190 060	263 190 040	263 190 060	274 190 040	272 190 060	275 190 060	277 190 023



刃长 L mm	9.3	8.0	16.0	14.5	14.5	14.5	14.5	14.5
刃径 D mm	6.0	2.3	2.3	6.0	2.3	4.0	6.0	6.0
编号 Order No.	5000353	5000354	5000355	5000356	5000357	5000358	5000359	5000360
ISO No. 500 104 -	277 190 060	289 190 023	292 190 023	274 190 060	167 190 023	167 190 040	167 190 060	243 190 060

HP-技工室钨钢磨头-交叉齿 HP-Tungsten Carbide Lab Burs-Cross Cut

ISO 220
交叉齿粗密度
Cross Cut Coarse



刃长 L mm	12.5	13.0	14.5	12.0	11.0	12.0	12.0	15.0	14.5	14.5	9.3
刃径 D mm	6.0	4.5	6.0	6.0	6.0	6.0	6.0	7.0	6.0	6.0	6.0
编号 Order No.	5000401	5000402	5000403	5000404	5000405	5000406	5000407	5000408	5000409	5000410	5000411
ISO No. 500 104 -	143 220 060	200 220 045	201 220 060	237 220 060	239 220 060	257 220 060	263 220 060	263 220 070	272 220 060	275 220 060	277 220 060

D = 4.5mm : ω_{opt} 15,000 - 25,000 rpm
D ≥ 6.0mm : ω_{opt} 10,000 - 20,000 rpm

ISO 223
交叉齿超粗密度
Cross Cut Super Coarse



刃长 L mm	12.5	15.0	15.0	14.5
刃径 D mm	6.0	7.0	6.0	6.0
编号 Order No.	5000601	5000602	5000603	5000604
ISO No. 500 104 -	143 223 060	263 223 070	272 223 060	275 223 060

ω_{opt} 10,000 - 20,000 rpm



HP-技工室钨钢磨头-右旋齿 HP-Tungsten Carbide Lab Burs-Plain Cut

ISO 102
右旋齿超细密度
Plain Cut Super Fine



刃长 L mm	16.0	14.5	14.0	3.5	16.0
刃径 D mm	2.3	2.3	4.5	1.6	2.3
编号 Order No.	5000701	5000705	5000706	5000707	5000708
ISO No. 500 104 -	145 102 023	201 102 023	201 102 045	272 102 016	292 102 023

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D = 4.5mm : ω_{opt} 20,000 - 35,000 rpm



ISO 133
右旋齿细密度
Plain Cut Fine



刃长 L mm	16.0	16.0	4.0	14.5	14.0	5.0	8.0	16.0
刃径 D mm	2.3	2.3	0.9	2.3	4.0	2.3	1.2	2.3
编号 Order No.	5000801	5000802	5000803	5000804	5000805	5000806	5000807	5000808
ISO No. 500 104 -	116 133 023	145 133 023	196 133 009	201 133 023	201 133 040	237 133 023	289 133 012	292 133 023

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D = 4.0mm : ω_{opt} 20,000 - 25,000 rpm

HP-技工室钨钢磨头-右旋齿

HP-Tungsten Carbide Lab Burs-Plain Cut

ISO 175
右旋齿标准密度
Plain Cut Standard



刃长 L mm	2.5	2.6	3.6	4.2	5.2	12.5	12.5	11.7	13.0	14.0	15.0
刃径 D mm	2.7	3.1	4.0	5.0	6.0	6.0	6.0	3.1	4.5	4.0	6.0
编号 Order No.	5000901	5000902	5000903	5000904	5000905	5000906	5000907	5000911	5000912	5000913	5000914
ISO No. 500 104 -	001 175 027	001 175 031	001 175 040	001 175 050	001 175 060	113 175 060	143 175 060	200 175 031	200 175 045	201 175 040	201 175 060

D ≤ 4.5mm : ω_{opt} 20,000 - 30,000 rpm
D ≥ 5.0mm : ω_{opt} 15,000 - 25,000 rpm



刃长 L mm	14.6	12.0	11.0	12.0	12.0	11.5	14.5	14.5	9.5
刃径 D mm	6.0	6.0	6.0	6.0	6.0	4.0	6.0	6.0	6.0
编号 Order No.	5000915	5000916	5000917	5000918	5000919	5000920	5000921	5000922	5000923
ISO No. 500 104 -	213 175 060	237 175 060	239 175 060	257 175 060	263 175 060	274 175 040	272 175 060	275 175 060	277 175 060

ISO 215
右旋齿粗密度
Plain Cut Coarse



刃长 L mm	12.5	13.0	14.5	12.0	12.0	12.0	14.5
刃径 D mm	6.0	4.5	6.0	6.0	6.0	6.0	6.0
编号 Order No.	5001001	5001002	5001003	5001004	5001005	5001006	5001007
ISO No. 500 104 -	143 215 060	200 215 045	201 215 060	237 215 060	257 215 060	263 215 060	272 215 060

D = 4.5mm : ω_{opt} 15,000 - 25,000 rpm
D = 6.0mm : ω_{opt} 10,000 - 20,000 rpm

ISO 222
右旋齿超粗密度
Plain Cut Super Coarse



刃长 L mm	12.5	15.0	14.5
刃径 D mm	6.0	7.0	6.0
编号 Order No.	5001101	5001102	5001103
ISO No. 500 104 -	143 222 060	263 222 070	272 222 060

ω_{opt} 10,000 - 20,000 rpm



HP-技工室钨钢磨头-直刃齿 HP-Tungsten Carbide Lab Burs-Straight Cut

ISO 176

直刃螺旋齿

Straight Edge with Spiral Cut



刃长 L mm	14.5	14.0	9.2	12.0	15.0	14.5	14.0	14.6
刃径 D mm	2.3	4.5	4.0	6.0	7.0	6.0	4.0	6.0
编号 Order No.	5001201	5001202	5001203	5001204	5001205	5001206	5001207	5001208
ISO No. 500 104 -	201 176 023	201 176 045	237 176 040	263 176 060	263 176 070	275 176 060	201 176 040	213 176 060

D = 2.3mm : ω_{opt} 30,000 rpm
 D = 2.5mm : ω_{opt} 15,000 - 25,000 rpm
 D = 6.0mm : ω_{opt} 10,000 - 20,000 rpm

ISO 194

直刃交叉齿

Straight Edge with Cross Cut



刃长 L mm	8.0	8.0	8.0	14.0	8.0
刃径 D mm	2.3	1.6	2.3	4.0	2.3
编号 Order No.	5001501	5001502	5001503	5001504	5001505
ISO No. 500 104 -	141 194 023	198 194 016	198 194 023	201 194 040	289 194 023

D ≤ 2.3mm : ω_{opt} 25,000 - 40,000 rpm
 D = 4.0mm : ω_{opt} 20,000 - 35,000 rpm



HP-技工室钨钢磨头-螺旋齿 HP-Tungsten Carbide Lab Burs-Spiral Cut

ISO 137

螺旋齿超细密度

Spiral Cut Super Fine



刃长 L mm	8.0	8.0	8.0	14.0	14.5	8.0
刃径 D mm	2.3	1.6	2.3	4.0	6.0	2.3
编号 Order No.	5001301	5001303	5001304	5001305	5001307	5001308
ISO No. 500 104 -	141 137 023	198 137 016	198 137 023	201 137 040	275 137 060	289 137 023

D ≤ 2.3mm : ω_{opt} 25,000 - 40,000 rpm
 D = 4.0mm : ω_{opt} 25,000 rpm
 D = 6.0mm : ω_{opt} 20,000 rpm

ISO 134

螺旋齿细密度

Spiral Cut Fine



刃长 L mm	10.5	10.5	14.0	14.5	10.5	5.4	5.0	11.5	14.5	10.5	14.5
刃径 D mm	2.3	2.3	4.0	2.3	2.3	2.3	2.3	4.0	6.0	2.3	6.0
编号 Order No.	5001401	5001402	5001406	5001407	5001408	5001409	5001410	5001411	5001412	5001413	5001414
ISO No. 500 104 -	142 134 023	185 134 023	201 134 040	201 134 023	199 134 023	239 134 023	237 134 023	274 134 040	272 134 060	290 134 023	274 134 060

D = 2.3mm : ω_{opt} 30,000 rpm
 D = 4.0mm : ω_{opt} 25,000 rpm
 D = 6.0mm : ω_{opt} 20,000 rpm

HP-技工室钨钢磨头-钻石齿 HP-Tungsten Carbide Lab Burs-Diamond Cut

ISO 141
钻石齿细密度
Diamond Cut
for Slightly Rough Surface



刃长 L mm	8.0	16.0	14.0	8.0	16.0	14.5
刃径 D mm	2.3	2.3	4.5	2.3	2.3	2.3
编号 Order No.	5001601	5001602	5001603	5001604	5001605	5001606
ISO No. 500 104 -	141 141 023	145 141 023	201 141 045	289 141 023	292 141 023	201 141 023

D = 2.3mm : opt. 30,000 rpm
D = 4.5mm : opt. 15,000 rpm

ISO 191
钻石齿标准密度
Diamond Cut
for Prism Surface



刃长 L mm	16.0	14.5	14.5	8.0	16.0
刃径 D mm	2.3	2.3	4.5	2.3	2.3
编号 Order No.	5001701	5001704	5001705	5001706	5001707
ISO No. 500 104 -	145 191 023	201 191 023	201 141 045	289 191 023	292 191 023

D = 2.3mm : opt. 30,000 rpm
D = 4.5mm : opt. 15,000 rpm



HP-左手专用技工室钨钢磨头 HP-Left-Handed Tungsten Carbide Lab Burs

ISO 142
左手交叉齿细密度
Cross Cut Fine
for Left-Handed



刃长 L mm	12.0
刃径 D mm	6.0
编号 Order No.	5005222
ISO No. 500 104 -	257 142 060

opt. 15,000 - 30,000 rpm

ISO 192
左手交叉齿标准密度
Cross Cut Standard
for Left-Handed



刃长 L mm	14.6	14.5
刃径 D mm	6.0	6.0
编号 Order No.	5005344	5005350
ISO No. 500 104 -	213 192 060	275 192 060

opt. 15,000 - 30,000 rpm

ISO 177
左旋齿标准密度
Plain Cut Standard
for Left-Handed



刃长 L mm	14.5
刃径 D mm	6.0
编号 Order No.	5005922
ISO No. 500 104 -	275 177 060

opt. 15,000 - 30,000 rpm

ISO 178
左手直刃螺旋齿
Straight Edge with Spiral Cut
for Left-Handed



刃长 L mm	14.5
刃径 D mm	6.0
编号 Order No.	5006206
ISO No. 500 104 -	275 178 060

opt. 10,000 - 20,000 rpm

ISO 136
左手螺旋齿细密度
Spiral Cut Fine
for Left-Handed



刃长 L mm	14.5
刃径 D mm	6.0
编号 Order No.	5006412
ISO No. 500 104 -	272 136 060

opt. 20,000 rpm

HP-研磨车针

HP-Milling Instrument

ISO 135
左旋齿细密度
Plain Cut Fine



刃长 L mm	8.0	10.0	15.0	13.0	13.0	13.0
刃径 D mm	1.0	1.5	2.3	2.3	3.1	4.0
编号 Order No.	5403101	5403102	5403103	5403104	5403105	5403106
ISO No. 500 103 -	137 135 010	137 135 015	137 135 023	194 135 023	194 135 031	194 135 040

ISO 190/194
交叉齿标准密度
Cross Cut Standard



刃长 L mm	8.0	10.0	15.0	13.0	13.0	13.0	14.0
刃径 D mm	1.0	1.5	2.3	2.3	3.1	4.0	3.5
编号 Order No.	5401101	5401102	5401103	5401104	5401105	5401106	5401107
ISO No. 500 103 -	137 190 010	137 190 015	137 190 023	194 190 023	194 190 031	194 190 040	201 194 035

ISO 220
交叉齿粗密度
Cross Cut Coarse



刃长 L mm	8.0	10.0	15.0	13.0	13.0	13.0
刃径 D mm	1.0	1.5	2.3	2.3	3.1	4.0
编号 Order No.	5402101	5402102	5402103	5402104	5402105	5402106
ISO No. 500 103 -	137 220 010	137 220 015	137 220 023	194 220 023	194 220 031	194 220 040

ISO 217/366
蜡型车针
Wax Cutter



刃长 L mm	8.0	10.0	15.0	13.0	13.0	13.0
刃径 D mm	1.0	1.5	2.3	2.3	3.1	4.0
编号 Order No.	5404101	5404102	5404103	5404104	5404105	5404106
ISO No. 500 103 -	137 366 010	137 366 015	137 366 023	194 217 023	194 217 031	194 217 040

ISO 001
定位钻
Centring Drill



刃长 L mm	1.9
刃径 D mm	1.0
编号 Order No.	5401901
ISO No. 500 103 -	153 001 010

HP-排牙专用磨头 HP-Roughen Burs

ISO 174
排牙专用磨头
Roughen Burs



刃长 L mm	3.5
刃径 D mm	6.0
编号 Order No.	5001801
ISO No. 500 104 -	118 174 060

⊖_{opt} 3,000 - 5,000 rpm



HP-三棱针 HP-Tri-Cutter

ISO 211
三棱针
Tri-Cutter



刃长 L mm	5.0	7.0	10.0
刃径 D mm	1.1	1.1	2.3
编号 Order No.	5002001	5002002	5002003
ISO No. 500 104 -	468 211 011	468 211 011	468 211 023

⊖_{opt} 10,000 - 15,000 rpm

内磨机磨头 For Internal Grinder

内磨机磨头
For Internal Grinder

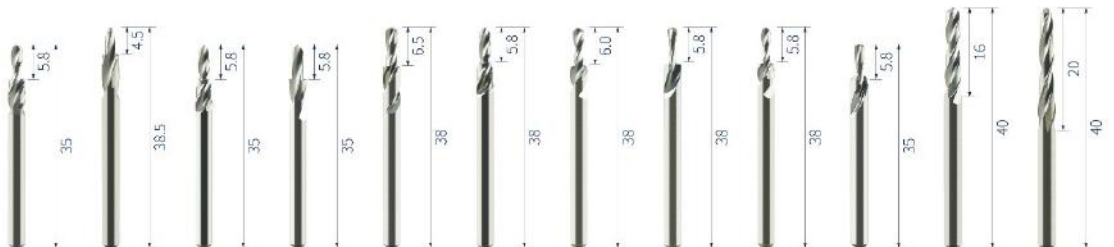


刃长 L mm	25.0	25.0	25.0	-	25.0	25.0	26.0	28.0	28.0
刃径 D mm	12.7	12.7	16.0	12.7	12.7	12.7	10.0	12.0	12.7
编号 Order No.	B-12.7(CUT-6)	C-12.7(CUT-6)	C-16(CUT-6)	D-12.7(CUT-6)	F-12.7(CUT-6)	G-12.7(CUT-6)	L-10(CUT-3)	L-12(CUT-3)	L-12.7(CUT-6)

⊖_{opt} 2,000 - 3,000 rpm

种钉机钻头 Pindex Drills

种钉机钻头
Pindex Drills



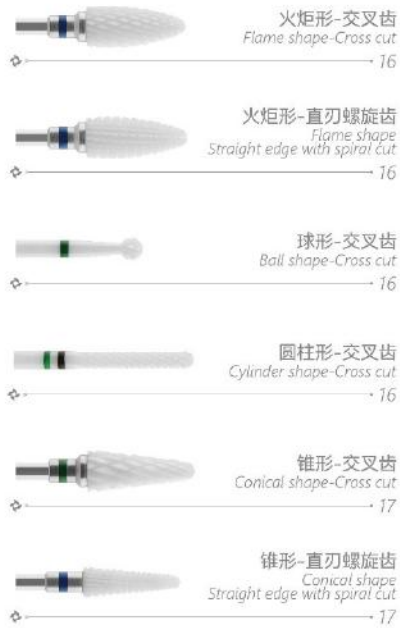
刃径 Flute Diameter (mm)	1.9	2.0	1.95	2.0	2.0	1.95	1.85	1.75	1.6	1.55	2.22	2.2
柄径 Shank Diameter (mm)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
编号 Order No.	5600006	5600007	5600008	5600009	5600010	5600011	5600012	5600013	5600014	5600015	5600020	5600021

技工室氧化锆陶瓷磨头

Zirconia Ceramic Laboratory Burs

HP-技工室氧化锆陶瓷磨头

HP-Zirconia Ceramic Lab Burs



HP-左手专用技工室氧化锆陶瓷磨头

HP-Left-Handed Zirconia Ceramic Lab Burs



氧化锆陶瓷磨头适用于打磨丙烯酸树脂修复体或贴面、石膏模型等非金属材料。
The zirconia ceramic burs are suitable for trimming non-metallic material, like acrylic resin prosthesis or veneer, plaster models, etc.

使打磨更轻便、平顺；
Making the grinding more lightly and more comfortably;

耐酸、碱清洗剂的腐蚀；
Resistance to acid or alkali cleaning fluid;

有效减少磨削热
Prevent the overheating damage;

打磨面更光滑、排屑好。
Result to a smoother surface, without clogging.



HP-技工室氧化锆陶瓷磨头 HP-Zirconia Ceramic Lab Burs

火炬形-交叉齿 Flame Shape-Cross Cut



刃长 L mm	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
刃径 D mm	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
编号 Order No.	6400201	6400301	6400401	6400501	6400601	6400701	6400801	6400901

⊖_{opt} 15,000 - 20,000 rpm



刃长 L mm	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
刃径 D mm	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
编号 Order No.	6410201	6410301	6410401	6410501	6410601	6410701	6410801	6410901



刃长 L mm	14.5	14.5	14.5	14.5	14.5	14.5	14.5
刃径 D mm	6.0	6.0	6.0	6.0	6.0	6.0	6.0
编号 Order No.	6300201	6300301	6300401	6300501	6300601	6300701	6300801

火炬形-直刃螺旋齿 Flame Shape Straight Edge with Spiral Cut



刃长 L mm	14.5	14.5	14.5
刃径 D mm	6.0	6.0	6.0
编号 Order No.	6402401	6402501	6402601

⊖_{opt} 15,000 - 20,000 rpm

球形-交叉齿 Ball Shape-Cross Cut



刃长 L mm	-	-	-	-	-	-	-	-	-	-	-
刃径 D mm	2.3	3.0	3.0	4.0	4.0	5.0	5.0	6.0	6.0	6.0	6.0
编号 Order No.	6300315	6300304	6300504	6300517	6400517	6300518	6400518	6300519	6400519	6400619	6400719

D ≤ 4.0mm : ⊖_{opt} 25,000

D ≥ 4.0mm : ⊖_{opt} 15,000 - 20,000 rpm

圆柱形-交叉齿 Cylinder Shape-Cross Cut



刃长 L mm	16.0	8.0
刃径 D mm	2.3	1.2
编号 Order No.	6300206	6300211

⊖_{opt} 25,000 rpm

HP-技工室氧化锆陶瓷磨头 HP-Zirconia Ceramic Lab Burs

锥形-交叉齿
Conical Shape-Cross Cut



刃长 L mm	14.5	14.5	14.5	14.5	14.5	14.5	14.5
刃径 D mm	6.0	6.0	6.0	6.0	6.0	6.0	6.0
编号 Order No.	6400202	6400302	6400402	6400502	6400602	6400702	6400802

D ≤ 2.3mm : ω_{opt} 25,000
D > 4.0mm : ω_{opt} 15,000 - 20,000 rpm



刃长 L mm	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
刃径 D mm	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
编号 Order No.	6400205	6400305	6400405	6400505	6400605	6400705	6400805	6400905



刃长 L mm	13.0	13.0	13.0	13.0	13.0	13.0	13.0	17.0	17.0	17.0	8.0
刃径 D mm	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.3	2.3	2.3	1.6
编号 Order No.	6300205	6300305	6300405	6300505	6300605	6300705	6300805	6300207	6300307	6300407	6300312

锥形-直刃螺旋齿
Conical Shape
Straight Edge with Spiral Cut



刃长 L mm	13.0	13.0	17.0
刃径 D mm	4.5	4.5	2.3
编号 Order No.	6402305	6402505	6302323

D = 2.3mm : ω_{opt} 25,000
D = 4.5mm : ω_{opt} 15,000 - 20,000 rpm

HP-左手专用技工室氧化锆陶瓷磨头 HP-Left-Handed Zirconia Ceramic Lab Burs

火炬形-左手交叉齿
Flame Shape
Cross Cut for Left Handed



刃长 L mm	14.5	14.5	14.5
刃径 D mm	6.0	6.0	6.0
编号 Order No.	6605401	6605501	6605601

ω_{opt} 15,000 - 20,000 rpm

技工室金刚砂磨头 Diamond Laboratory Burs

HP-技工室金刚砂磨头 HP-Diamond Lab Burs



HP-技工室开槽金刚砂磨头 HP-Diamond Lab Burs with Cooling-Grooves



开槽金刚砂磨头能在有效提升磨削效率的同时减少磨削热。
With cooling-grooves for faster grinding and less overheating damage.

HP-技工室全砂磨头 HP-Sintered Diamond Lab Burs



全砂磨头为整块烧结金刚石与钨钢柄相连接而成。
Sintered diamond burs are made of full diamond with carbide substrate.

在打磨氧化锆陶瓷时，我们推荐使用细密度（红圈）或超细密度（黄圈）的全砂磨头。
For better grinding, the fine grit size (colour code: red) and extra fine grit size (colour code: yellow) are recommended for trimming zirconia ceramic.



HP-技工室金刚砂磨头

HP-Diamond Lab Burs

球形

Ball



刃径 D $\frac{1}{10}$ mm	010	016	021	023	025	031	040
刃长 L mm	-	-	-	-	-	-	-
F HP 104	8000201	8000203	8000205	8000206	8000207	8000208	8000209
M HP 104	8000301	8000303	8000305	8000306	8000307	8000308	8000309

D ≤ 2.3mm : ω_{opt} 30,000 rpm
 D > 2.3mm : ω_{opt} 20,000 rpm

倒锥形

Inverted Cone



刃径 D $\frac{1}{10}$ mm	023	016	023
刃长 L mm	1.0	4.0	2.6
F HP 104	8001216	8001219	8001228
M HP 104	8001316	8001319	8001328

ω_{opt} 30,000 rpm

火炬形

Flame



刃径 D $\frac{1}{10}$ mm	015	018	018	021	023	025	027
刃长 L mm	8.0	5.0	8.0	8.0	8.0	8.0	8.0
M HP 104	8000319	8001318	8000320	8000321	8000322	8000363	8000323
C HP 104	8000419		8000420	8000421	8000422	8000463	8000423

D ≤ 2.3mm : ω_{opt} 30,000 rpm
 D > 2.3mm : ω_{opt} 20,000 rpm

子弹形

Grenade



刃径 D $\frac{1}{10}$ mm	016	030
刃长 L mm	3.0	7.0
M HP 104	8001333	8001313

D ≤ 2.3mm : ω_{opt} 30,000 rpm
 D > 2.3mm : ω_{opt} 20,000 rpm

HP-技工室金刚砂磨头

HP-Diamond Lab Burs

圆柱半球形

Cylinder Round End



刃径 D $\frac{1}{10}$ mm	016	018	023
刃长 L mm	7.0	7.0	7.0
F HP 104	8000212	8000213	8000214
M HP 104	8000312	8000313	8000314

ω_{opt} 30,000 rpm

圆柱形

Cylinder Flat End



刃径 D $\frac{1}{10}$ mm	012	016	021	023	027
刃长 L mm	7.0	7.0	7.0	7.0	7.0
F HP 104	8000224	8000226	8000228	8000229	8000230
M HP 104	8000324	8000326	8000328	8000329	8000330

D ≤ 2.3mm : ω_{opt} 30,000 rpm
 D > 2.3mm : ω_{opt} 20,000 rpm

圆锥半球形

Tapered Round End



刃径 D $\frac{1}{10}$ mm	012	014	016	018	023	030	040
刃长 L mm	8.0	8.0	8.0	8.0	8.0	12.0	8.0
F HP 104	8000239	8000240	8000241	8000242	8000244	8000248	8000247
M HP 104	8000329	8000340	8000341	8000342	8000344	8000348	8000347
C HP 104					8000444		

D ≤ 2.3mm : ω_{opt} 30,000 rpm
 D > 2.3mm : ω_{opt} 20,000 rpm

锥形

Tapered Flat End



刃径 D $\frac{1}{10}$ mm	014	016	023	025
刃长 L mm	3.5	3.5	12.0	7.0
M HP 104	80001317	8000336	8002305	8000337

D ≤ 2.3mm : ω_{opt} 30,000 rpm
 D > 2.3mm : ω_{opt} 20,000 rpm

HP-技工室金刚砂磨头

HP-Diamond Lab Burs

火炬形-长刃
Flame-Long Head



刃径 D $\frac{1}{10}$ mm	060
刃长 L mm	14.5
C HP 104	8002415
ω_{opt} 20,000 rpm	

子弹形-长刃
Grenade-Long Head



刃径 D $\frac{1}{10}$ mm	066
刃长 L mm	12.7
C HP 104	8002416
ω_{opt} 20,000 rpm	

圆柱形-长刃
Cylinder Flat End-Long Head



刃径 D $\frac{1}{10}$ mm	050	055
刃长 L mm	7.0	12.7
M HP 104	8000331	8002320
C HP 104	8000431	8002420
ω_{opt} 20,000 rpm		

锥形-长刃
Tapered Flat End-Long Head



刃径 D $\frac{1}{10}$ mm	040	040	054
刃长 L mm	9.0	13.0	11.0
M HP 104	8000338	8002319	8000368
C HP 104		8002419	8000468
ω_{opt} 20,000 rpm			

芽形
Bud



刃径 D $\frac{1}{10}$ mm	040	050	060
刃长 L mm	12.0	12.0	20.0
M HP 104	8000349	8000350	
C HP 104		8000450	8002418
ω_{opt} 20,000 rpm			

HP-技工室开槽金刚砂磨头

HP-Diamond Lab Burs with Cooling-Grooves

球形

Ball
冷却槽 Cooling-Grooves



刃径 D $\frac{1}{10}$ mm	021	023	025	031	040
刃长 L mm	-	-	-	-	-
HP 10 μ	8005205	8005206	8005207	8005208	8005209
M HP 10 μ	8005305	8005306	8005307	8005308	8005309

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D > 2.3mm : ω_{opt} 20,000 rpm

火炬形

Flame
冷却槽 Cooling Grooves



刃径 D $\frac{1}{10}$ mm	018	018	021	023	025	027
刃长 L mm	5.0	8.0	8.0	8.0	8.0	8.0
M HP 10 μ	8006318	8005320	8005321	8005322	8005363	8005323
C HP 10 μ		8005420	8005421	8005422	8005463	8005423

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D > 2.3mm : ω_{opt} 20,000 rpm

圆柱半球形

Cylinder Round End
冷却槽 Cooling-Grooves



刃径 D $\frac{1}{10}$ mm	016	018	023
刃长 L mm	7.0	7.0	7.0
F HP 10 μ	8005212	8005213	8005214
M HP 10 μ	8005312	8005313	8005314

ω_{opt} 30,000 rpm

圆柱形

Cylinder Flat End
冷却槽 Cooling-Grooves



刃径 D $\frac{1}{10}$ mm	016	021	023	027
刃长 L mm	7.0	7.0	7.0	7.0
F HP 10 μ	8005226	8005228	8005229	8005230
M HP 10 μ	8005326	8005328	8005329	8005330

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D > 2.3mm : ω_{opt} 20,000 rpm

圆锥半球形

Tapered Round End
冷却槽 Cooling-Grooves



刃径 D $\frac{1}{10}$ mm	016	018	023	040
刃长 L mm	8.0	8.0	8.0	8.0
F HP 10 μ	8005241	8005242	8005244	
M HP 10 μ	8005341	8005342	8005344	8005347
C HP 10 μ			8005444	8005447

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D > 2.3mm : ω_{opt} 20,000 rpm

圆锥形

Tapered Flat End
冷却槽 Cooling-Grooves



刃径 D $\frac{1}{10}$ mm	016	023	025
刃长 L mm	3.5	12.0	7.0
M HP 10 μ	8005336	8007305	8005337

D ≤ 2.3mm : ω_{opt} 30,000 rpm
D > 2.3mm : ω_{opt} 20,000 rpm

HP-技工室开槽金刚砂磨头

HP-Diamond Lab Burs with Cooling-Grooves

圆柱形-长刃
Cylinder Flat End-Long Head
冷却槽 Cooling-Grooves



刃径 D $\frac{1}{10}$ mm	050	055
刃长 L mm	7.0	12.7

C HP 104	8005431	8007420
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⌚_{opt} 20,000 rpm

锥形-长刃
Tapered Flat End-Long Head
冷却槽 Cooling-Grooves



刃径 D $\frac{1}{10}$ mm	040	040	054
刃长 L mm	9.0	13.0	11.0

M HP 104	8005338	8007319	8005368
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C HP 104	8007419	8005468
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⌚_{opt} 20,000 rpm

芽形
Bud
冷却槽 Cooling Grooves



刃径 D $\frac{1}{10}$ mm	030	040	050
刃长 L mm	12.0	12.0	12.0

M HP 104	8005348	8005349	8005350
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C HP 104		8005450
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⌚_{opt} 20,000 rpm

HP-技工室全砂磨头

HP-Sintered Diamond Lab Burs

ISO 504

金刚砂超细密度
Diamond Grit Super Fine



刃长 L mm	10.0	13.0	12.0	10.0	12.0	12.0
刃径 D mm	5.0	6.0	5.0	5.0	5.0	5.0
编号 Order No.	8700103	8700109	8700110	8700112	8700114	8700115
ISO No. 807 104 -	112 504 050	275 504 060	251 504 050	142 504 050	200 504 050	161 504 050

⊙_{opt} 20,000 - 30,000 rpm



ISO 514

金刚砂细密度
Diamond Grit Fine



刃长 L mm	10.0	10.0	13.0	13.0	10.0	10.0
刃径 D mm	5.0	5.0	6.0	6.0	5.0	5.0
编号 Order No.	8700203	8700205	8700207	8700209	8700212	8700213
ISO No. 807 104 -	112 514 050	173 514 050	257 514 060	275 514 060	142 514 050	199 514 050

⊙_{opt} 20,000 - 30,000 rpm

ISO 524

金刚砂标准密度
Diamond Grit Medium



刃长 L mm	10.0	13.0	10.0	13.0	13.0	13.0	12.0	10.0	10.0	12.0	12.0
刃径 D mm	5.0	4.0	5.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0
编号 Order No.	8700303	8700304	8700305	8700307	8700308	8700309	8700310	8700312	8700313	8700314	8700315
ISO No. 807 104 -	112 524 050	174 524 040	173 524 050	257 524 060	251 524 060	275 524 060	251 524 050	142 524 050	199 524 050	200 524 050	161 524 050

⊙_{opt} 15,000 - 20,000 rpm



刃长 L mm	12.0
刃径 D mm	4.0
编号 Order No.	8700316
ISO No. 807 104 -	200 524 040

HP-技工室全砂磨头

HP-Sintered Diamond Lab Burs

ISO 534

金刚砂粗密度
Diamond Grit Coarse



刃长 L mm	10.0	13.0	13.0	12.0	10.0	10.0	12.0	12.0	12.0
刃径 D mm	5.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0
编号 Order No.	8700403	8700407	8700409	8700410	8700412	8700413	8700414	8700415	8700416
ISO No. 807 104 -	112 534 050	257 534 060	275 534 060	251 534 050	142 534 050	199 534 050	200 534 050	161 534 050	200 534 040

⊖_{opt} 15,000 - 20,000 rpm

ISO 544

金刚砂超粗密度
Diamond Grit Super Coarse



刃长 L mm	10.0	13.0	14.0	10.0	10.0
刃径 D mm	5.0	6.0	5.0	5.0	5.0
编号 Order No.	8700503	8700509	8700511	8700512	8700513
ISO No. 807 104 -	112 544 050	275 544 060	144 544 060	142 544 050	199 544 050

⊖_{opt} 15,000 rpm



口腔钨钢车针

Tungsten Carbide Dentistry Burs

FG/RA-口腔钨钢车针 FG/RA-Tungsten Carbide Dentistry Burs

- 
球形
Round
→27
- 
倒锥
Inverted cone
→27
- 
梨形
Pear
→27
- 
圆柱半球形
Cylinder round end
→27
- 
圆柱半球形-交叉齿
Cylinder round end-Cross cut
→27
- 
圆锥半球形
Tapered round end
→28
- 
圆锥半球形-交叉齿
Tapered round end-Cross cut
→28
- 
圆柱形
Cylinder flat end
→28
- 
圆柱形-交叉齿
Cylinder flat end-Cross cut
→28
- 
锥形
Tapered flat end
→28
- 
锥形-交叉齿
Tapered flat end-Cross cut
→28

FG-口腔钨钢破冠车针 FG/RA-Tungsten Carbide Dentistry Crown Cutters

- 
圆柱半球形
Cylinder round end
→29
- 
圆柱半球形-金属破冠
Cylinder round end-Metal cutters
→29

FG-口腔钨钢抛光车针 FG-Tungsten Carbide Dentistry Finishing Burs

- 
圆柱鱼雷形
Torpedo
→30
- 
芽形
Bud
→30
- 
蛋形
Egg
→30
- 
短火炬形
Needle
→30
- 
长火炬形
Long flame
→30
- 
尖头圆锥形
Tapered safe end
→30

FG/RA - 口腔钨钢车针

FG/RA - Tungsten Carbide Dentistry Burs

球形 Round



刃径 D $\frac{1}{10}$ mm	005	006	008	009	010	012	014	016	018	021	023
刃长 L mm	-	-	-	-	-	-	-	-	-	-	-
REF No.	FG 1/4	FG 1/2	FG 1	FG 1 1/2	FG 2	FG 3	FG 4	FG 5	FG 6	FG 7	FG 8
FG 314	W0012005	W0012006	W0012008	W0012009	W0012010	W0012012	W0012014	W0012016	W0012018	W0012021	W0012023
FG-XL 314	W0014005	W0014006	W0014008	W0014009	W0014010	W0014012	W0014014	W0014016	W0014018	W0014021	W0014023
RA 204	P0015005	P0015006	P0015008	P0015009	P0015010	P0015012	P0015014	P0015016	P0015018	P0015021	P0015023
RA-L 205	-	-	-	-	P0016010	-	P0016014	P0016016	P0016018	P0016021	P0016023

倒锥 Inverted Cone



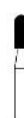
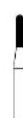
刃径 D $\frac{1}{10}$ mm	006	008	010	012	014	016	018
刃长 L mm	0.5	0.9	1.1	1.2	1.4	1.6	1.7
REF No.	FG 33 1/2	FG 34	FG 35	FG 36	FG 37	FG 38	FG 39
FG 314	W0032006	W0032008	W0032010	W0032012	W0032014	W0032016	W0032018
RA 204	P0035006	P0035008	P0035010	P0035012	P0035014	P0035016	P0035018

梨形 Pear



刃径 D $\frac{1}{10}$ mm	006	008	008	010	010	012	012	014	014	014	018
刃长 L mm	1.3	1.7	2.8	1.8	3.8	1.8	4.2	1.85	2.8	4.4	2.4
REF No.	FG 329	FG 330	FG 245	FG 331	FG 331L	FG 332	FG 332L	FG 333	-	FG 333L	-
FG 314	W0042006	W0042008	W0202008	W0042010	W0052010	W0042012	W0052012	W0042014	W0202014	W0052014	W0042018
RA 204	-	P0045008	-	P0045010	-	-	-	P0045014	-	-	-
RA-L 205	-	-	-	P0046010	-	-	-	-	-	-	-

圆柱半球形 Cylinder Round End



刃径 D $\frac{1}{10}$ mm	008	009	010	012	014	016
刃长 L mm	3.4	4.2	4.2	4.2	4.4	4.4
REF No.	FG 1155	FG 1156	FG 1157	FG 1158	FG 1159	FG 1160
FG 314	W0092008	W0092009	W0092010	W0092012	W0092014	W0092016

圆柱半球形 Cylinder Round End 交叉齿 Cross Cut



刃径 D $\frac{1}{10}$ mm	008	009	010	012	014	016
刃长 L mm	3.4	4.2	4.2	4.2	4.4	4.4
REF No.	FG 1555	FG 1556	FG 1557	FG 1558	FG 1559	FG 1560
FG 314	W0152008	W0152009	W0152010	W0152012	W0152014	W0152016

FG/RA - 口腔钨钢车针

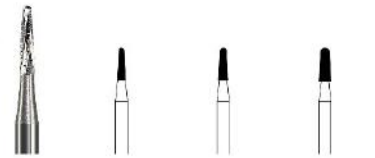
FG/RA - Tungsten Carbide Dentistry Burs

圆锥半球形 Tapered Round End



刃径 D $\frac{1}{10}$ mm	009	010	012	016
刃长 L mm	4.2	4.2	4.2	4.4
REF No.	FG 1169	FG 1170	FG 1171	FG 1172
FG 315	W0122009	W0122010	W0122012	W0122016
RA 204			P0125012	P0125016
RA-L 205			P0126012	P0126016

圆锥半球形 Tapered Round End 交叉齿 Cross Cut



刃径 D $\frac{1}{10}$ mm	010	012	016
刃长 L mm	4.2	4.2	4.4
REF No.	FG 1700	FG 1701	FG 1702
FG 315	W0182010	W0182012	W0182016
FG-XL 316			W0184016

圆柱形 Cylinder Flat End



刃径 D $\frac{1}{10}$ mm	008	009	010	012	014	014
刃长 L mm	3.4	4.2	4.2	4.2	4.4	6.0
REF No.	FG 55	FG 56	FG 57	FG 58	FG 59	FG 59L
FG 315	W0082008	W0082009	W0082010	W0082012	W0082014	W0102014
FG-XL 316			W0084010	W0084012		

圆柱形 Cylinder Flat End 交叉齿 Cross Cut



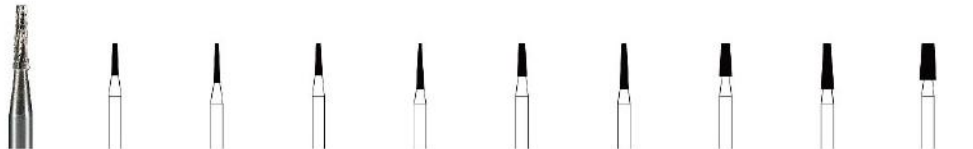
刃径 D $\frac{1}{10}$ mm	008	010	010	012	012	014	014	016
刃长 L mm	3.4	4.2	6.0	4.2	6.0	4.4	6.0	4.4
REF No.	FG 555	FG 557	FG 557L	FG 558	FG 558L	FG 559	FG 559L	FG 560
FG 315	W0142008	W0142010	W0162010	W0142012	W0162012	W0142014	W0162014	W0142016
FG-XL 316		W0144010		W0144012		W0144014		W0144016
RA 204		P0145010		P0145012		P0145014		P0145016
RA-L 205		P0146010		P0146012		P0146014		P0146016

锥形 Tapered Flat End



刃径 D $\frac{1}{10}$ mm	008	009	009	010	010	012	012	016
刃长 L mm	3.4	4.2	5.2	4.2	6.0	4.2	6.0	4.4
REF No.	FG 168	FG 169	FG 169L	FG 170	FG 170L	FG 171	FG 171L	FG 172
FG 315	W0112008	W0112009	W0132009	W0112010	W0132010	W0112012	W0132012	W0112016
FG-XL 316						W0114012		

锥形 Tapered Flat End 交叉齿 Cross Cut



刃径 D $\frac{1}{10}$ mm	009	009	010	010	012	012	016	016	021
刃长 L mm	4.2	5.2	4.2	6.0	4.2	6.0	4.4	6.0	4.8
REF No.	FG 699	FG 699L	FG 700	FG 700L	FG 701	FG 701L	FG 702	FG 702L	FG 703
FG 315	W0172009	W0192009	W0172010	W0192010	W0172012	W0192012	W0172016	W0192016	
FG-XL 316			W0174010	W019g010	W0174012	W019g012	W0174016	W019g016	W0174021
RA 204					P0175012				

FG - 口腔钨钢破冠车针

FG - Tungsten Carbide Dentistry Crown Cutters

圆柱半球形

Cylinder Round End



刃径 D $\frac{1}{10}$ mm	010	010	012	012
刃长 L mm	2.0	3.5	2.0	3.5
REF No.	-	-	-	-
FG 314	W0862010	W0852010	W0862012	W0852012

圆柱半球形

Cylinder Round End

金属破冠 Metal Cutters



刃径 D $\frac{1}{10}$ mm	010	012	012
刃长 L mm	2.0	2.0	3.5
REF No.	-	-	-
FG 315	W0792010	W0792012	W0752012

FG - 口腔钨钢抛光车针

FG - Tungsten Carbide Dentistry Finishing Burs

圆柱鱼雷形 Torpedo



刃径 D 1/10 mm	009	010	012	010	012	014	012	014
刃长 L mm	5.0	6.0	6.0	8.0	8.0	8.0	10.0	10.0
REF No.	H 281	H 282	H 282	H 283	H 283	H 283	H 284	H 284
FG 314	W0462009	W0472010	W0472012	W048d010	W048d012	W048d014	W049e012	W049e014

⌚_{opt} 15,000 - 20,000 rpm

芽形 Bud



刃径 D 1/10 mm	012	014	018
刃长 L mm	3.5	3.5	3.8
REF No.	FG 7102	FG 7104	FG 7106
FG 314	W0452012	W0452014	W0452018

⌚_{opt} 15,000 - 20,000 rpm

蛋形 Egg



刃径 D 1/10 mm	014	018	023
刃长 L mm	3.1	3.5	4.2
REF No.	FG 7404	FG 7406	FG 7408
FG 314	W0312014	W0312018	W0312023

⌚_{opt} 15,000 - 20,000 rpm

短火炬形 Needle



刃径 D 1/10 mm	009	010	012
刃长 L mm	3.6	3.6	3.6
REF No.	FG 7901	FG 7902	FG 7903
FG 314	W0672009	W0672010	W0672012

⌚_{opt} 15,000 - 20,000 rpm

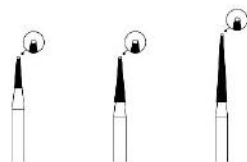
长火炬形 Long Flame



刃径 D 1/10 mm	010	012
刃长 L mm	8.0	8.0
REF No.	H 48L	H 48L
FG 314	W066f010	W066f012
SF FG 314	W058f012	
UF FG 314	W059f012	

⌚_{opt} 15,000 - 20,000 rpm

尖头圆锥形 Tapered Safe End



刃径 D 1/10 mm	010	014	014
刃长 L mm	4.2	6.0	9.0
REF No.	H 133	H 134	H 135
FG 314	W024h010	W0273014	W063e014
SF FG 314	W025h010	W0283014	W064e014
UF FG 314	W026h010	W0293014	W065e014

⌚_{opt} 15,000 - 20,000 rpm

立铣刀

CAD/CAM End Mills

纳米级钨钢 更锋利 更耐磨

NANOGRAIN Tungsten Carbide for extreme wear resistance

惠而顺独有的纳米级钨钢材料，使铣刀拥有锋利的切削刃及超高的耐磨性。同时，其材料具有超过一般类金刚石涂层的硬度，可有效避免由不当涂层导致的刀具缺陷，提升被加工工件的质量。

WILSON's unique NANOGRAIN tungsten carbide offers the CAD/CAM end mills a sharp milling edge and ultra-high wear resistance. Meanwhile, our Nano-carbide end mills, which has a hardness higher than normal DLC coating, can effectively reduce the defects caused by improper coating procedures and increase the quality of the work pieces.



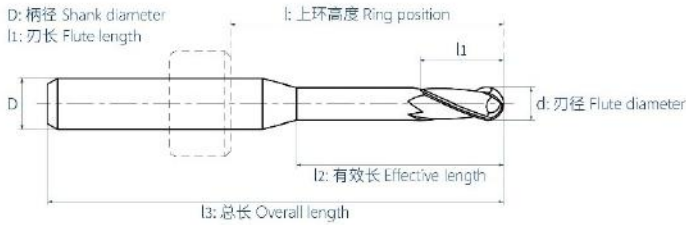
Multi-Layer Diamond Coating **多层金刚石涂层**

惠而顺提供多层复合结构的金刚石涂层铣刀，在保证刀具表面的高光洁度和耐磨损性能的同时兼具良好的涂层附着强度，其复杂的多界面结构有利于提高铣刀对氧化锆硬质点的冲击韧性，提升刀具的使用寿命。

WILSON supplies the CAD/CAM end mills with multilayer CVD diamond coating as well. It ensures the smoothness and the wear resistance of the coating surface with a strong adhesion of the basic layer to the carbide substrate. The multilayer structures improves the impact resistance to the zirconia ceramic and increase the tool life.

立铣刀

CAD/CAM End Mills



Amann Girschbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500



AMANN GIRRBACH

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.3	0.6	16	47	3	20.5	5301021
	0.6	2.0	13	47	3	20.5	5301004
	1.0	3.5	16	47	3	20.5	5301104
2.5	3.5	16	47	3	20.5	5301206	

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	2.0	13	47	3	20.5	5321004
	1.0	3.5	16	47	3	20.5	5321104
	2.5	3.5	16	47	3	20.5	5321206

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	2.0	13	47	3	20.5	5391004
	1.0	3.5	16	47	3	20.5	5391104
	2.5	3.5	16	47	3	20.5	5391206

for → Ti/CoCr	d	l1	l2	l3	D	l	Order No.
	1.0	5.0	7	43	3	16.3	5371121
	2.0	5.0	7	43	3	16.3	5371232

for → Glass Ceramic	d	l1	l2	l3	D	l	Order No.
	0.5	14.5	-	43	3	14.5	B020111
	1.0	14.5	-	43	3	14.5	B020112
	1.4	14.5	-	43	3	14.5	B020113
	1.8	14.5	-	43	3	14.5	B020114



3M ESPE LAVA

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	1.0	3.5	16	38	3	-	5301102
	2.0	3.5	16	38	3	-	5301202
	1.0	2.0	25	50	3	-	5301109
2.0	2.0	25	50	3	-	5301213	

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	1.0	3.5	16	38	3	-	5391102
	2.0	3.5	16	38	3	-	5391202
	1.0	2.0	25	50	3	-	5391109
	2.0	2.0	25	50	3	-	5391213

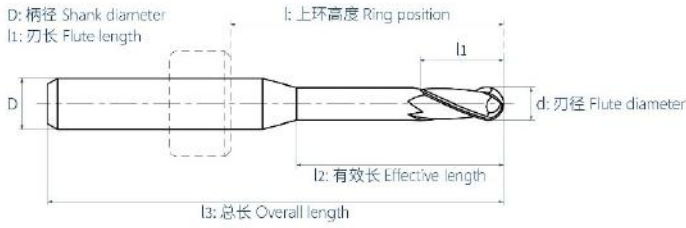


CERCON

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.5	2.0	10	55	3.5	-	5306001
	1.0	8.0	20	55	3.5	-	5306101
2.0	10.0	20	55	3.5	-	5306201	

for → PMMA...	d	l1	l2	l3	D	l	Order No.
	1.0	8.0	25	50	3.5	-	5326102
	2.0	10.0	25	50	3.5	-	5326202

立铣刀 CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500



ARUM

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	-	5303010
	1.0	3.5	16	50	4	-	5303103
	2.0	6.0	18	50	4	-	5303213
	1.0	2.0	16	55	6	-	5304107
2.0	6.0	20	55	6	-	5304208	

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	-	5323010
	1.0	3.5	16	50	4	-	5323103
	2.0	6.0	18	50	4	-	5323213
	1.0	2.0	16	55	6	-	5324107
2.0	6.0	20	55	6	-	5324208	

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	-	5393010
	1.0	3.5	16	50	4	-	5393103
	2.0	6.0	18	50	4	-	5393213
	1.0	2.0	16	55	6	-	5394107
2.0	6.0	20	55	6	-	5394208	

for → Ti/CoCr	d	l1	l2	l3	D	l	Order No.
	1.0	2.0	10	50	6	-	5374114
	1.5	3.0	10	50	6	-	5374115
	2.0	4.0	12	50	6	-	5374214
3.0	6.0	12	50	6	-	5374302	

for → Glass Ceramic	d	l1	l2	l3	D	l	Order No.
	1.0	10.0	-	50	6	-	B020131
	1.5	12.0	-	50	6	-	B020128
2.5	12.0	-	50	6	-	B020130	



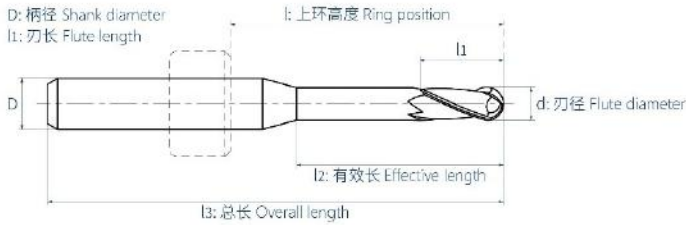
DENTIUM

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.5	2.0	8	43	3	-	5301022
	1.0	3.5	16	50	3	-	5301115
	2.0	3.5	16	50	3	-	5301239
	1.0	3.5	16	50	6	-	5304102
2.0	3.5	16	50	6	-	5304202	

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.5	2.0	8	43	3	-	5321022
	1.0	3.5	16	50	3	-	5321115
2.0	3.5	18	50	3	-	5321239	

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.5	2.0	8	43	3	-	5391022
	1.0	3.5	16	50	3	-	5391115
	2.0	3.5	16	50	3	-	5391239
	1.0	3.5	16	50	6	-	5394102
2.0	3.5	16	50	6	-	5394202	

立铣刀 CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500



IMES-ICORE 240/250

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	2.0	10	48	3	25.8	5301010
	1.0	5.0	14	48	3	25.8	5301105
	2.5	8.0	20	48	3	25.8	5301207

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	2.0	10	48	3	25.8	5321010
	1.0	5.0	14	48	3	25.8	5321105
	2.5	8.0	20	48	3	25.8	5321207

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	2.0	10	48	3	25.8	5391010
	1.0	5.0	14	48	3	25.8	5391105
	2.5	8.0	20	48	3	25.8	5391207

for → Glass Ceramic	d	l1	l2	l3	D	l	Order No.
	0.6	10.0	-	43	3	20.8	B020104
	1.0	13.0	-	43	3	20.8	B020105
	2.5	15.0	-	42	3	20.8	B020106



IMES-ICORE 350/550/750

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	2.5	12	53	6	25.8	5304001
	1.0	6.0	14	53	6	25.8	5304104
	2.5	10.0	20	53	6	25.8	5304204

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	2.5	12	53	6	25.8	5324001
	1.0	6.0	14	53	6	25.8	5324104
	2.5	10.0	20	53	6	25.8	5324204

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	2.5	12	53	6	25.8	5394001
	1.0	6.0	14	53	6	25.8	5394104
	2.5	10.0	20	53	6	25.8	5394204

for → Glass Ceramic	d	l1	l2	l3	D	l	Order No.
	0.6	10.0	-	40	6	18	5714001
	1.0	10.0	-	40	6	18	5714101
	2.5	15.0	-	40	6	18	5714202

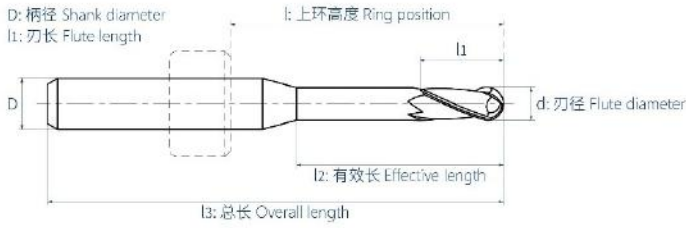


KAVO

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	1.0	2.0	25.5	53	6	-	5304130
	2.0	2.0	19.5	53	6	-	5304222

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	1.0	2.0	25.5	53	6	-	5394130
	2.0	2.0	19.5	53	6	-	5394222

立铣刀 CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500



ROLAND

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.3	1.5	6	50	4	-	5303009
	0.6	1.5	6	50	4	-	5303001
	1.0	3.5	16	50	4	-	5303103
	2.0	3.5	16	50	4	-	5303201
	1.0-F	3.0	14	50	4	-	5303120
	2.0-F	5.0	14	50	4	-	5303216
	1.0	3.5	20	50	4	-	5303104
2.0	5.0	25	52	4	-	5303202	

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	6	50	4	-	5323001
	1.0	3.5	16	50	4	-	5323103
	2.0	3.5	16	50	4	-	5323201
	1.0	3.5	20	50	4	-	5323104
2.0	5.0	25	52	4	-	5323202	

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	6	50	4	-	5393001
	1.0	3.5	16	50	4	-	5393103
	2.0	3.5	16	50	4	-	5393201
	1.0	3.5	20	50	4	-	5393104
2.0	5.0	25	52	4	-	5393202	

for → Glass Ceramic	d	l1	l2	l3	D	l	Order No.
	0.6	9.0	-	40	3	18	B020101
	1.0	9.0	-	40	3	18	B020102
2.5	16.5	-	40	3	18	B020103	



SIRONA X5

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.5	1.0	5	42	3	23.5	5301012
	1.0	3.5	18	43	3	24.5	5301125
2.5	5.0	25	43	3	25.5	5301222	

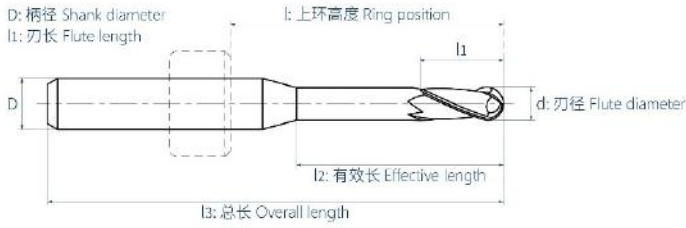
for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.5	1.0	5	42	3	23.5	5321012
	1.0	3.5	18	43	3	24.5	5321125
2.5	5.0	25	43	3	25.5	5321238	

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.5	1.0	5	42	3	23.5	5391012
	1.0	3.5	18	43	3	24.5	5391125
2.5	5.0	25	43	3	25.5	5391222	

for → Glass Ceramic	d	l1	l2	l3	D	l	Order No.
	1.4	15.0	-	35.5	3	17	B020138
	1.8	15.0	-	36.5	3	17	B020139
2.2	18.0	-	37.5	3	19	B020140	



立铣刀 CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500



SIRONA CEREC

for →	d	l1	l2	l3	D	l	Order No.
Glass	1.0	14.0	-	38	3.5	-	B020145
Ceramic	1.3	14.0	-	38	3.5	-	B020146
	1.8	14.0	-	38	3.5	-	B020147



RK

for →	d	l1	l2	l3	D	l	Order No.
Zirconia	1.0	3.5	18	47	3	25	5391126
	2.0	3.5	25	47	3	25	5391237



VHF K1/K4

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	2.0	7	35	3	24	5301002
	1.0	3.5	16	35	3	24	5301101
	2.0	3.5	16	35	3	24	5301201

for →	d	l1	l2	l3	D	l	Order No.
PMMA	0.6	2.0	7	35	3	24	5321002
PEEK	1.0	3.5	16	35	3	24	5321101
	2.0	3.5	16	35	3	24	5321201

for →	d	l1	l2	l3	D	l	Order No.
Zirconia	1.0	3.5	16	35	3	24	5391101
	2.0	3.5	16	35	3	24	5391201

for →	d	l1	l2	l3	D	l	Order No.
Glass	0.6	6.0	-	35	3	23	B020119
Ceramic	1.0	8.0	-	35	3	23	B020120
	2.5	15.5	-	35	3	23	B020121



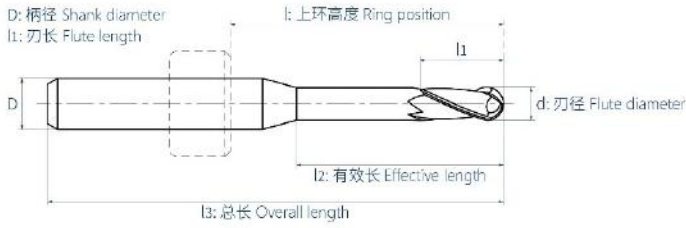
VHF K5

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.3	1.2	13	40	3	26.5	5301015
	0.6	2.0	7	40	3	26.5	5301009
	1.0	3.5	16	40	3	26.5	5301116
	2.0	3.5	16	40	3	26.5	5301209

for →	d	l1	l2	l3	D	l	Order No.
PMMA	0.6	2.0	7	40	3	26.5	5321009
PEEK	1.0	3.5	16	40	3	26.5	5321116
	2.0	3.5	16	40	3	26.5	5321209

for →	d	l1	l2	l3	D	l	Order No.
Zirconia	0.6	2.0	7	40	3	26.5	5391009
	1.0	3.5	16	40	3	26.5	5391116
	2.0	3.5	16	40	3	26.5	5391209

立铣刀 CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500



WIELAND MINI

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.7	2.0	7	35	3	24	5301001
	1.0	3.5	16	35	3	24	5301101
2.5	3.5	20	35	3	24	5301205	

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.7	2.0	7	35	3	24	5321001
	1.0	3.5	16	35	3	24	5321101
	2.5	3.5	20	35	3	24	5321205

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	1.0	3.5	16	35	3	24	5391101
	2.5	3.5	20	35	3	24	5391205



WIELAND S1

NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.7	7.0	7	40	3	26.5	5301007
	1.0	16.0	16	40	3	26.5	5301116
2.5	20.0	20	40	3	26.5	5301212	

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.7	7.0	7	40	3	26.5	5321007
	1.0	16.0	16	40	3	26.5	5321116
	2.5	20.0	20	40	3	26.5	5321212

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.7	7.0	7	40	3	26.5	5391007
	1.0	16.0	16	40	3	26.5	5391116
	2.5	20.0	20	40	3	26.5	5391212



YENA

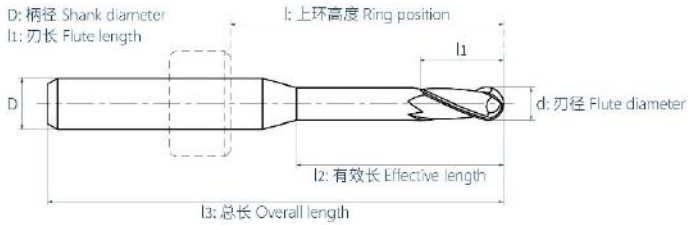
NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	21.25	5303010
	1.0	3.5	16	45	4	21.25	5303105
2.0	3.5	16	45	4	21.25	5303205	

for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	21.25	5323010
	1.0	3.5	16	45	4	21.25	5323105
	2.0	3.5	16	45	4	21.25	5323205

for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	21.25	5393010
	1.0	3.5	16	45	4	21.25	5393105
	2.0	3.5	16	45	4	21.25	5393205

立铣刀

CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500

ZirkonZahn M5

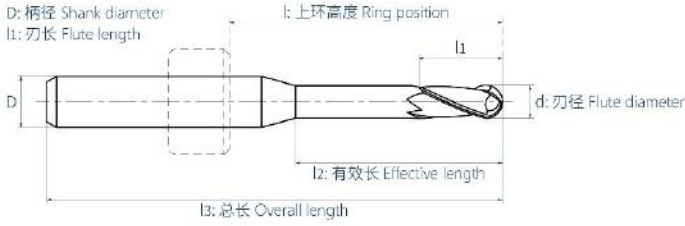
	NANO-Carbide	d	l1	l2	l3	D	l	Order No.
		0.5	1.5	6	57	3	-	5301017
		1.0	6.0	12	57	3	-	5301110
	for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
		0.5	1.5	6	57	3	-	5321017
		1.0	6.0	12	57	3	-	5321110
	for → Zirconia	d	l1	l2	l3	D	l	Order No.
		0.5	1.5	6	57	3	-	5391017
		1.0	6.0	12	57	3	-	5391110
		2.0	10.0	18	57	3	-	5391215

ZirkonZahn M1

	NANO-Carbide	d	l1	l2	l3	D	l	Order No.
		0.5	3.0	20	50	6	-	5304003
		1.0	6.0	12	50	6	-	5304108
	for → PMMA...	d	l1	l2	l3	D	l	Order No.
		1.0	6.5	20	50	6	-	5324109
		2.0	8.0	17	50	6	-	5324210
	for → Zirconia	d	l1	l2	l3	D	l	Order No.
		0.5	3.0	20	50	6	-	5394003
		1.0	6.0	12	50	6	-	5394108
		2.0	10.0	18	50	6	-	5394209

立铣刀

CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500

DentalPlus



NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	-	5303008
	1.0	3.5	20	50	4	-	5303104
	2.0	3.5	20	50	4	-	5303210



for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	-	5323008
	1.0	3.5	20	50	4	-	5323104
	2.0	3.5	20	50	4	-	5323210



for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	-	5393008
	1.0	3.5	20	50	4	-	5393104
	2.0	3.5	20	50	4	-	5393210



IdealMill



NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5303008
	1.0	3.5	16	50	4	25	5303103
	2.0	3.5	16	50	4	25	5303201
	1.5-F	4.0	20	50	4	25	5303122



for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5323008
	1.0	3.5	16	50	4	25	5323103
	2.0	3.5	16	50	4	25	5323201



for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5393008
	1.0	3.5	16	50	4	25	5393103
	2.0	3.5	16	50	4	25	5393201



for → Glass Ceramic	d	l1	l2	l3	D	l	Order No.
	0.6	10.0	-	45	3	25	B020142
	1.0	10.0	-	45	3	25	B020143
	2.0	13.0	-	45	3	25	B020144



Up3d P5



NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5303008
	1.0	3.5	16	50	4	25	5303103
	2.0	3.5	16	50	4	25	5303201



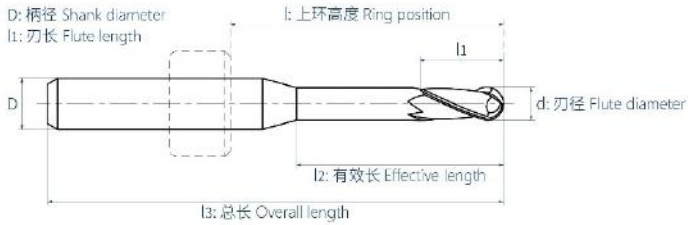
for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5323008
	1.0	3.5	16	50	4	25	5323103
	2.0	3.5	16	50	4	25	5323201



for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5393008
	1.0	3.5	16	50	4	25	5393103
	2.0	3.5	16	50	4	25	5393201

立铣刀

CAD/CAM End Mills



Amann Girrbach	3M ESPE Lava	Cercon	ARUM	Dentium
Imes-Icore	Kavo	Roland	Sirona	Sirona CEREC
RK	VHF	Wieland	Yena	ZirkonZahn
DentalPlus	IdealMill	Up3d P5	UPCERA X5	XT-220/500

UPCERA X5



NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	23.4	5303010
	1.0	3.5	16	45	4	23.4	5303105
	2.0	3.5	16	45	4	23.4	5303205



for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	23.4	5323010
	1.0	3.5	16	45	4	23.4	5323105
	2.0	3.5	16	45	4	23.4	5323205



for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	45	4	23.4	5393010
	1.0	3.5	16	45	4	23.4	5393105
	2.0	3.5	16	45	4	23.4	5393205



XT-220



NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.5	1.6	-	50	3	25	5301008
	1.0	3.5	16	50	3	25	5301115
	2.0	10.0	22	50	3	25	5301235



for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.5	1.6	-	50	3	25	5321008
	1.0	3.5	16	50	3	25	5321115
	2.0	10.0	22	50	3	25	5321235



for → Zirconia	d	l1	l2	l3	D	l	Order No.
	1.0	3.5	16	50	3	25	5391115
	2.0	10.0	22	50	3	25	5391235

XT-500



NANO-Carbide	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5303008
	1.0	3.5	16	50	4	25	5303103
	2.0	3.5	16	50	4	25	5303201



for → PMMA PEEK	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5323008
	1.0	3.5	16	50	4	25	5323103
	2.0	3.5	16	50	4	25	5323201



for → Zirconia	d	l1	l2	l3	D	l	Order No.
	0.6	1.5	10	50	4	25	5393008
	1.0	3.5	16	50	4	25	5393103
	2.0	3.5	16	50	4	25	5393201

使用说明及安全须知

Instructions of Use & Safety Rules

本说明及须知适用于技工室器械、口腔器械及立铣刀。

请在使用前仔细阅读本说明及须知。对于需要更详细信息的產品，請閱讀產品包裝中附有的使用說明書。

The instructions of use and safety rules apply to all the dental instruments and end mills.

Please read the instructions and rules carefully before use. If more detailed information is required, please read the separate instructions enclosed in the package of products.

本公司產品均為特定使用場景所設計及製造，不合适的使用可能增加受傷的風險，並可能損傷產品的正常功能。

All the products have been designed and manufactured for their specific usage. The improper use may increase the risk of injury and may impair the normal function of the products.

1. 安全須知

- 使用前請確認產品包裝完整性。
- 使用前請仔細檢查產品。如發現產品有任何損壞或變形，請停止使用。
- 使用時請預先進行運轉檢查，如發現有鬆動、擺動等異常現象，請停止使用。
- 請佩戴護目鏡及防噪音耳塞，並使用適當的抽吸和冷卻裝置。
- 所有產品僅限於專業口腔科醫生或口腔科技師使用。

2. 使用說明

- 請將產品盡量插入夾頭底部，並確保產品被正確鎖緊。
- 避免接觸產品的工作部位，可能造成受傷或產品的損壞。
- 在接觸組織或被加工件之前，產品必須在推薦的轉速下旋轉。
- 請避免過高的接觸壓力 (<2N)。
- 氧化鋯陶瓷技工室器械請使用筆握式進行打磨。
- 拋光器械請以低接觸壓力、圓周運動進行拋光。
- 如發現產品有磨損、不鋒利、切/磨削效率下降等情況發生時，請停止使用並及時更換。
- 請在旋轉完全停止後，再進行產品的裝卸。

3. 貯藏

- 應儲存於乾燥、穩定（無摔碰風險）、遠離酸鹼等有害化學物質及氣體的常溫（-5°C~40°C）、濕度小於90%的環境中。

4. 清洗、消毒與滅菌

- 所有器械均為非無菌包裝交付，如需滅菌請選擇高壓蒸汽滅菌處理。
壓力：102.8 kPa ~ 122.9 kPa
溫度：121 °C (250 °F)
時間：30分鐘
- 請使用適當的清洗劑或消毒劑，並遵循生產廠家提供的說明書。
- 在超聲清洗時，請確保產品不會發生相互碰撞。
- 徹底的清洗是進行消毒與滅菌的必要前提，如清洗後產品表面仍有殘留物，請再次重複清洗過程。
- 氧化鋯陶瓷器械不可使用紫外線消毒，亦不可使用金屬絲製成的刷子進行清潔。
- 使用後請及時清潔、消毒並保持產品乾燥。

1. Safety Precautions

- Confirm the integrity of the product packaging before use.
- Check the products before use. If any damage or deformation is found, do not use it.
- Check the operation in advance each time before use. If loosening, swinging or other abnormal phenomenon is found, do not use it.
- Wear safety goggles and sound insulation earmuffs. Use adequate suction device and cooling equipment if necessary.
- For professional dentists or denture technicians use only.

2. Proper Use

- Insert the products into the collet as deeply as possible and make sure that the products are securely locked.
- Avoid to touch the working part of the products. It may cause injury or damage of the products.
- Products must be rotated at recommended speed before any contact is made with the tissues or workpieces.
- Do not apply excessive contact pressure during use (<2N).
- Please use pen posture for zirconia ceramic laboratory instruments.
- Always polish in circular movement with low pressure.
- Stop use the product and replace it immediately if any damaged, worn or reduced cutting/abrasive efficiency is found.
- Load and unload the products after the rotation is completely stopped.

3. Storage

- The products should be stored in a dry, stable environment (without falling and touching) at room temperature of -5°C~40°C and humidity of less than 90%, away from acid, alkali or other harmful chemicals and gases.

4. Cleaning, disinfection and sterilization

- All the products are supplied non-sterile. If sterilization is required, please choose steam sterilization.
Pressure: 102.8 kPa ~ 122.9 kPa
Temperature: 121 °C (250 °F)
Time: 30 minutes
- The products should be cleaned or disinfected with appropriate detergents and disinfectants. Observe the instructions provided by the manufacturers.
- Make sure that the products don't touch with each other during the ultrasonic cleaning.
- Thorough cleaning is a necessary prerequisite for disinfection and sterilization. If any residues is found on the products after cleaning, please repeat the cleaning processes again.
- Do not disinfect the zirconia ceramic instruments by ultraviolet device or clean them by metal wire brush.
- Clean and disinfect the products in time after use. Keep them dry.

本使用說明及安全須知的最終解釋權歸本公司所有。

The final interpretation right of the instructions of use and safety rules belongs to our company.

編制日期：2023年12月22日

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