



Komet Dental



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2014年10月

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As at October 2014





**Komet's dental catalog
State-of-the art dentistry.**

There are numerous catalogs for all sorts of things, but there is one that stands out from all the rest: Komet's dental catalogue which can almost be considered an authoritative textbook on modern dentistry and dental technology. It contains the world's largest range of rotary systems and instruments, ranging from innovations to standard products, and includes all associated special tools and accessories. Komet's main dental catalog comprises everything you need to make your daily work more efficient, safe and successful. Whether you are looking for a particular product or are just browsing - with Komet®, you will always find a solution that not only meets your requirements, but perfectly enhances your treatment method. In true Komet style, our solutions are always state-of-the-art or even a little ahead of their time.

Quality: The be-all and end-all.

Innovation, precision and quality - these traditional values have been the pillars of our company since its foundation in 1923 and they still inspire and motivate us to strive for excellence every day. Each one of our products is the result of our ample experience and reflects the know-how gathered during the successful history of our company. The legendary Komet quality is now available and appreciated in more than 110 countries worldwide, yet we remain dedicated to our location in Germany for the development and production of our products - to the benefit of our customers.

Komet's customer services leaves no question unanswered.

Komet not only provides ground-breaking instruments of remarkable quality, but also an unparalleled customer service that leaves nothing to be desired. Thanks to our expert know-how gathered in many years of experience, there is not a question that we don't have a competent answer to. Our highly motivated and trained medical advisors are always happy to support you with their expert advice. Finally, why not browse through our vast range of informative literature which provides you with an unrivalled wealth of information at your fingertips, both online and offline.

**Komet齿科目录
最前沿的牙科技术。**

为了涵盖所有种类的产品，我们有许多本目录，但是这本Komet齿科目录可以被视作现代牙科和齿科技术的权威教科书。它涵盖了世界上最大范围的旋转系统和器械，从创新领域到标准产品，并且包括所有种类的特殊工具和配件。Komet齿科目录涵盖了您日常工作所需的一切产品，并且帮助您安全、高效的工作。无论您是否正在寻找一件特殊产品或者只是浏览Komet，您不仅能够找到满足您需求的解决方案，而且能够完美实现您的治疗方案。真正的Komet风格，我们的解决方案总是引领着前沿科技或者走在时代之前。

质量：重中之重

创新，精确和质量-这些是我们在1923年创建公司时传统价值的三大支柱，至今依然激励着我们努力奋斗的做好每一天。每一件产品都凝聚着大量的实践，折射出我们是如何累积出公司成功历史的。Komet质量的传奇已经被世界上超过110个国家所认可，目前我们依然在德国致力于研发和生产产品-以惠顾我们的客户。

Komet的客服-有问必答。

Komet不仅提供史无前例，质量非凡的器械，更能够提供无与伦比的客户服务-有问必答。感谢我们的专家，经过多年的经验累积，我们对于任何一个问题都有全面的答案。我们积极和经验丰富的顾问总是乐于给您提供帮助。最后，为什么不浏览一下我们大量的文献，它们在线上或线下提供您大量实用的信息。



牙体牙髓
Endodontics
ZH EN 410207



F360
EN 410839 | EN 410840



预防
Prophylaxe
EN 410354



SonicLine
ZH 410361 | EN 410357



PiezoLine
ZH 411786 | EN 411782



CeraLine
ZH 410099 | EN 410095



正畸
Orthodontics
ZH EN 410786



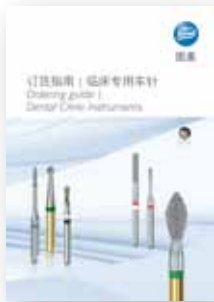
Hubfeilen
EN 412448



外科
Surgery
ZH EN 410106



角度调制系统
Angle Modulation System
EN 410092 | EN 412071



订货指南 临床专用车针
Ordering guide Dental Clinic Instruments
ZH EN 411658



全瓷修复指南
Compass All-ceramic restorations
ZH 412298 | EN 412124



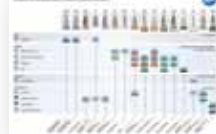
技工订货指南
Ordering Guide Laboratory
ZH EN 410772



金刚砂片订货指南
Ordering Guide Diamond discs
ZH 410765 | EN 410761



精确技术指南
Compass Precision technique
ZH 410800 | EN 410796



钨钢切割指南
Compass TC Cutters
ZH 410811 | EN 410807



技工抛光指南
Compass Laboratory polishers
ZH 410827 | EN 410823



技工毛刷指南
Compass Laboratory brushes
ZH 410819 | EN 410815

KometDental -
总是见多识广
always well-informed

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表格结构 · Table structure

Colour coding/ REF number
色标 / 编号
The colour coding indicates the grit size or type of toothing.
色标显示了金刚砂颗粒的尺寸或错齿的类型。

Information
Further information available.
信息 进一步信息

Shank type ISO 6360
手柄类型 ISO 6360
Attention: With extra-long head and/or neck the overall length will change.
注意：带加长头和/或颈部的器械总长会改变。

Maximum permissible speed
(Indicated up to 450 000 rpm only)
最大允许转速
显示最高仅为450 000转每分钟

Instrument/tool
Enlarged representation of the head portion.
器械/工具 放大头部。

Line drawings 1:1
The line drawings show the actual size of the individual instruments.
边缘线 1:1
边缘线显示了单独器械的实际尺寸。

Packing unit/dimensions/designations
The designations, numbers, sizes and production dimensions mostly correspond to the currently applicable ISO and DIN standards.
L = length of working part
包装单位/尺寸/产品外形
产品外形、编号以及产品尺寸最大程度等同于目前应用的ISO和DIN标准。
L = 工作间长度

尺寸 · Size	Ø 1/10 mm	012	014
L	mm	2,7	2,7

FG · FG

806 314 233514 ...
8830.314. ... 012 014

⊖_{max} 300 000 min⁻¹

订购选择 · Ordering options

请在下单时使用Komet产品编号或ISO编号系统。

You are free to use the Komet® REF number or the ISO numbering system when placing an order.
Smooth handling of your order is guaranteed in either way.

Komet order number
Please specify the blue REF number/shank type number and the respective size.

8830.314. ... +

Komet 订单号
请区分蓝色产品编号/手柄型号编号以及代表尺寸。

014

ISO order number
Please specify the black ISO number and the respective size.

806 314 233514 ... +

ISO 订单号
请区分黑色的ISO编号和代表尺寸。

014

编号系统 · Numbering System ISO 6360

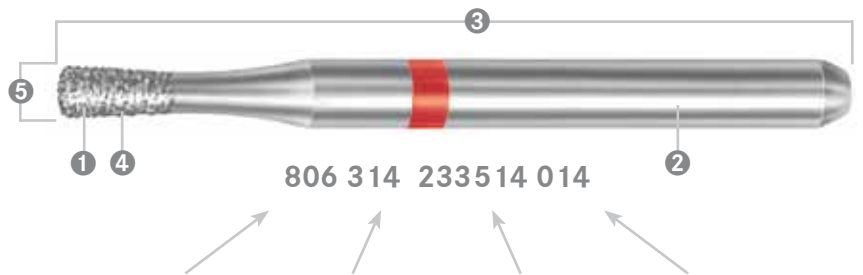
一些选择器械的特征已经成为国际标准。例如，粘结尺寸，手柄直径，以及手柄型号 (ISO 1797) 等同于 (ISO 2157) 的尺寸。

指定器械的国际统一标准已经被ISO编号系统所认可。

ISO订货编码包含某一个编号，它明确显示了特殊器械相关的数据。

Some features of rotary instruments are already internationally standardized. For example, coupling dimensions, shank diameter, and shank type (ISO 1797) as well as the sizes (ISO 2157). The international harmonization of instrument designations is guaranteed by the ISO numbering system.

The ISO order number consists of a certain number code indicating specific instrument related data for clear identification.



1
工作间材料
• 金刚砂，
金属电镀粘结

Material of the working part
• Diamond, galvanic metal bond

2 3
手柄以及总长
• 涡轮手机用标准手柄
• 粘结尺寸请依据 ISO 1797.

Shank and overall length
• FG
• 19 mm coupling dimensions according to ISO 1797

4
形状和设计
• 倒置，锥形，正面微凸，圆边。
• 细砂，硬粘结。

Shape and design
• Inverted, tapered, front convex, round edges
• Fine grit, hard bond

5
普通尺寸 ISO 2157
• 工作尖最大尺寸 (1/10 mm)

Nominal size ISO 2157
• Largest diameter of the working part (1/10 mm)




手柄型号 · Shank types ISO 6360

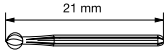
313 · 涡轮手机用短柄 (FGS)
Friction Grip short (FGS) Ø 1,60 mm



314 · 涡轮手机用标准柄 (FG)
Friction Grip (FG) Ø 1,60 mm




315 · 涡轮手机用加长手柄 (FGL)
Friction Grip long (FGL) Ø 1,60 mm



316 · 涡轮手机用超长手柄 (FGXL)
Friction Grip extra-long (FGXL) Ø 1,60 mm



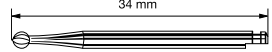
204 · 低速弯手机用手柄 (RA)
Right-angle (RA) Ø 2,35 mm



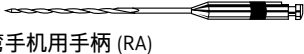
205 · 低速弯手机用长柄 (RAL)
Right-angle long (RAL) Ø 2,35 mm



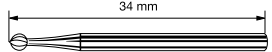
206 · 低速弯手机用加长柄 (RAXL)
Right-angle extra-long (RAXL) Ø 2,35 mm



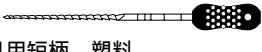
204 · 低速弯手机用手柄 (RA)
Right-angle (RA) Ø 2,35 mm



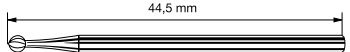
103 · 低速直机用短柄 (HPS)
Handpiece short (HPS) Ø 2,35 mm



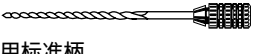
654 · 根管针手机用短柄, 塑料
Handle short, plastic Ø 4,00 mm




104 · 低速直机用手柄 (HP)
Handpiece (HP) Ø 2,35 mm



644 · 根管针手机用标准柄
Handle Ø 6,00 mm




105 · 低速直机用长柄 (HPL)
Handpiece long (HPL) Ø 2,35 mm



471 · FO/PCR
FO/PCR Ø 1,60 mm

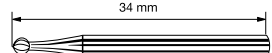


106 · 低速直机用加长手柄 (HPXL)
Handpiece extra-long (HPXL) Ø 2,35 mm

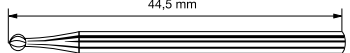


900 · 不含基杆
not mounted

123 · 低速直机用短厚手柄 (HPST)
Handpiece short thick (HPST) Ø 3,00 mm



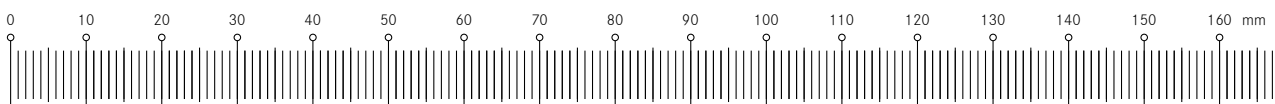
124 · 低速直机用厚手柄 (HPT)
Handpiece thick (HPT) Ø 3,00 mm



金刚砂头部 / 尺寸 · Head Diameter / Sizes

Ø 1/16 mm	005	006	007	008	009	010	012	014	016	018	021	023	025	027	029
Ø mm	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.5	2.7	2.9
Ø inches	0.020	0.024	0.028	0.031	0.035	0.039	0.047	0.055	0.063	0.071	0.083	0.091	0.098	0.106	0.114

Ø 1/8 mm	031	033	035	037	040	042	045	047	050	055	060	065	070	075	080
Ø mm	3.1	3.3	3.5	3.7	4.0	4.2	4.5	4.7	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Ø inches	0.122	0.130	0.138	0.148	0.157	0.165	0.177	0.185	0.197	0.217	0.236	0.256	0.276	0.300	0.315





综合信息
General information

图标 · Icons



窝洞预备
Cavity preparation



根管桩系统
Post systems



冠和桥技术
Crown and bridge technique



冠预备
Crown preparation



口腔预防
Prophylaxis



丙烯酸技术
Acrylic technique



清除陈旧填充物
Removal of old fillings



根规划
Root planing



模型装置
Model fabrication



清除冠
Crown removal



正畸
Orthodontics



研磨技术
Milling technique



工作于填充物
Working on fillings



口腔外科
Oral surgery



模型铸造技术
Model casting technique



根管预备
Root canal preparation



种植
Implantology

8



角度
Angle



仅切割末端
End cutting only



带金刚砂
Diamond interspersed



半径
Radius



仅切割末端
End cutting only



视频
Video



半径
Radius



仅切割末端，带倒角
End cutting only, with chamfer



更多信息
Further information available



引导针的长度
Length of guide pin



仅切割末端，带半径
End cutting only, with radius



安全倒角
Safety chamfer



末端切割
End cutting



椎体角度
Cone angle



斜角切割 (研磨)
Bevel cut (milling)



双面
double sided



超声波浴
Ultrasonic bath



圆边
Rounded edges



上层带涂层
Upper side coated



热消毒
Thermodisinfectant



圆形尖端
Rounded tip



下层带涂层
Lower side coated



高压消毒
Autoclave



无切割尖端
Non cutting tip



金刚砂边缘
diamond interspersed edge



避免光照
Keep off sunlight



无切割尖端
Non cutting tip



双面涂层碟片
Two-grit disc, double sided



内含乳胶
Contain Latex



切割尖端，尖角
Cutting tip, pointed



切割尖端
Cutting tip



无切割尖端
Non cutting tip


-  **建议转速**
Recommended speed
-  **最高转速**
Maximum speed
-  **包装单位**
Packing unit
-  **订单号/产品编号**
Order number/reference number
-  **批号**
Lot number
-  **说明书**
Consult instructions

消毒包装样例
Example of a sterile packaging



打开消毒包装
Opening of the sterile packaging






-  **辐射灭菌**
Sterilized using irradiation
-  **用氧化乙烯灭菌**
Sterilized using ethylene oxide

-  **使用**
Use by
-  **如包装破损请勿使用**
Do not use in case of damaged packaging
-  **生产日期**
Date of manufacture
-  **一次性使用***
For single use only*







* 重复使用这些产品会有感染风险。安全无风险的使用不再被保证。

* The reuse of these products carries a risk of infection. A safe, risk-free use can therefore not be guaranteed.

碳化钨精修器械的刀片数量 · Number of blades for carbide finishers

	超细 · ultra-fine	30 片 · blades
	细 · fine	16/20 片 · blades
	一般 · normal	8/12 片 · blades

Diamant-Körnungen · Diamond grit sizes

	超细 · ultra-fine	8 μm		中等 · medium	107 μm *
	特别细 · extra-fine	25 μm		粗糙 · coarse	151 μm *
	细 · fine	46 μm		超粗 · super-coarse	181 μm *

* 对于某些器械而言，根据其形状和大小，其金刚石颗粒的大小可能与标准值不同

* With some instruments the grit size may deviate from the specified value, depending on their shape and size.



声波工作尖 | 概述
Sonic tips | Overview

口腔预防
Prophylaxis



口腔牙周
Periodontics



种植预防
Implant prophylaxis



清除/修形
Stripping/Shaping



窝洞制备
Cavity preparation



冠预备
Crown preparation



火焰形
Flame



贴面技术
Veneer technique



打开窝沟
Opening of fissures



根管
Endodontics



蓓蕾形
Bud



锥形
Tapered



冲洗尖
Rinsing tip



工作尖手柄
Tip holder

外科手术
Surgery



颌窦提升
Sinus lift



圆形
Round



托盘形
Saucer-shaped



椭圆形 (象足形)
Oval (elephant foot)

骨预备
Bone preparation



锥形
Tapered

外科冠延长术
Surgical crown extension



配件
Auxiliaries





Sonic tips  Sonic Tips 声波工作尖

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<i>Periodontics</i>	16 - 17	口腔牙周
<i>Implant prophylaxis</i>	18 - 19	种植洁治
<i>Stripping/Shaping</i>	20 - 22	拆除/成形
<i>Cavity preparation</i>	23 - 24	窝洞制备
<i>Crown preparation</i>	25 - 27	冠预备
<i>Veneer technique</i>	28	贴面
<i>Opening of fissures</i>	29	修磨窝沟
<i>Endodontics</i>	30 - 33	牙体牙髓
<i>Surgery</i>	34 - 35	外科手术
<i>Sinus lift</i>	36 - 37	窦底提升
<i>Bone preparation</i>	38	骨预备
<i>Surgical crown extension</i>	39 - 40	外科冠延生
<i>Auxiliaries</i>	41 - 43	配件



Sonic tips

As the leading manufacturer of rotary dental instruments worldwide, we can offer you a vast range of products. We hereby proudly present our SonicLine, the extensive line of sonic tips made by Komet.

Our constantly growing range of high-quality sonic tips includes tips for prophylaxis, periodontics, implant prophylaxis, crown preparation, interproximal preparation of cavities, work on fillings, orthodontics, veneer technique, fissures, endodontics, oral surgery and pre-implantology.

This brochure contains detailed information on the vast scope of applications. For further details, we also recommend our SonicLine brochure.

Made in Germany, the SonicLine comprises a comprehensive range of high-quality sonic tips that cover a multitude of indications. The instruments of the SonicLine owe their effective cutting power to the fact that they can perform elliptical movements in all directions.

Thanks to their clear labelling, the sonic tips are easy to identify. The order number is laser etched onto the sonic tips. Tips coated with fine grain are provided with a red dot for identification. The sonic tips can be reprocessed in a Miele washer/disinfector by means of a rinse adapter which is part of a validated procedure. Instructions on the reprocessing of sonic tips can be ordered from the manufacturer.

声波工作尖

作为全球范围内口腔旋转器械的领先制造商，我们可以向您提供广泛的产品。在此自豪的向您呈现SonicLine,由Komet出品的声波工作尖的衍生产品线。

我们不断发展高品质声波工作尖的范畴，包括口腔预防，口腔牙周，种植预防，冠预备，窝洞邻间预备，用于填充，正畸，贴面技术，裂缝，根管，口内外科和种植预备。

这本目录包含了详细而广泛的应用信息。如您需要更进一步的产品信息，我们推荐您阅读SonicLine的目录。

德国制造，SonicLine包含了广泛范围的高质量声波工作尖，其涵盖了大多数的适应症。SonicLine拥有高效的切割动力，事实上他们可以在任何方向做椭圆移动。

SonicLine非常容易被辨认，这要多谢它们清晰的标签。订货号码用激光打在声波工作尖上。工作尖带有红点细砂图层作为辨认符号。声波工作尖可以用Miele清洗器清洗/用冲洗适配器消毒，是被认证的清洗程序之一。您可向生产商订阅声波工作尖再处理的说明。



Scaler



Perio



Implant Cleaning



Cavity Prep



Crown Prep





We intend to further extend our SonicLine, which is why it seemed logical to add a sonic hand piece to our existing range which is suitable for any type of sonic tip - the air scaler SF1LM. Driven by air, this scaler is distinguished by its amazing versatility and impressive performance.

Important notes:

Komet sonic tips can also be used

- In the sonic hand piece SF1LM provided by Komet
- In the scalers made by co. W&H (i.e. Series Synea® or Alegria®)
- In the SONICflex® hand piece made by KaVo (Series 2000 or series 2003)
- In the SIROAIR L provided by co. Sirona

Attention: Sonic tips for surgical use are only authorised for use in the Komet sonic hand piece SF1LM and in the SONICflex® hand piece provided by the co. KaVo (Series 2000 or Series 2003).

Hint:

We recommend checking the degree of wear of the prophylaxis and periodontal tips on a regular basis, with the help of the test card. A useful overview of the indications and permitted power settings of the sonic hand piece SF1LM is printed on the reverse of the card.

我们致力于进一步发展SonicLine,这就是为什么我们要增加能够适用于任何声波工作尖手机到目前已有的产品范畴看起来更合乎逻辑。气动手机SF1LM, 以惊人的多功能性和非凡的表现而著名。

注意事项：

Komet声波工作尖能适用于：

- Komet的声波手机SF1LM
- W&H公司的Scalers (例如：Synea® 或 Alegria®系列)
- Kavo公司的SONICflex®手机 (2000或2003系列)
- SIROAIR L公司的SIROAIR L

注意事项：外科用的声波工作尖仅被授权使用在Komet的声波手机SF1LM和Kavo公司的SONICflex手机 (2000或2003系列) 上。

提示：

我们建议借助测试卡在常规使用后检查预防和牙周工作尖的磨损程度。说明书和对声波手机SF1LM的允许动力设定都印在卡片的背面。





口腔预防

Prophylaxis

Indication:

These sonic tips are used as part of a prophylactic treatment. They are suitable for supra and subgingival removal of calculus (up to a depth of 2 mm)

Advantages:

- Mechanical work is much less tiring than work with manual instruments
- The elliptic movements in all directions performed by the sonic hand piece make circular work as easy as child's play

Hint:

For subsequent polishing, we recommend our comprehensive prophylaxis range. Please feel free to order our prophylaxis brochure.

提示：

这些声波工作尖使用于预防治疗的一部分。它们适用于龈上龈下的结石清除（最多2mm深）。

优点：

- 机械性的工作相对于手动器械要轻松多了
- 声波手机能在任何方向做椭圆移动，这使得圆周工作如同孩子玩耍一般轻松

提示：

为了后续的抛光，我们建议您使用综合预防范畴的产品，请向我们订阅预防产品的目录。



SF 1



1

SF1.000. ...

•

通用刮除器

用于清除龈上龈下结石（最深达2MM）


Universal Scaler

For sub and supra gingival scaling of calculus (up to a depth of 2 mm)



SF 2



	1
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SF2.000. ...	•
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刮除器，月牙形
用于清除龈上龈下结石（最深达2MM）
Scaler, crescent-shaped
Sub and supra gingival scaling of calculus (up to a depth of 2 mm)



SF 3



	1
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SF3.000. ...	•
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牙周刮除器
用于清除龈上龈下结石（最深达2MM）
Periodontal Scaler
Sub and supra gingival scaling of calculus (up to a depth of 2 mm)



口腔牙周

Periodontics

提示：

清除深牙周袋的软斑（最深达9mm）

Indication:

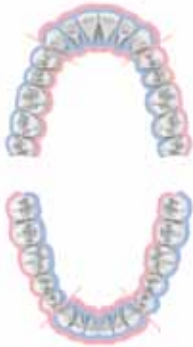
Removal of soft plaque from deep periodontal pockets (up to a depth of 9 mm)

优点：

- 声波工作尖的微创功能使其能够温和的工作，保护相邻的软组织和牙根表面
- 减少感染的风险

Advantages:

- The minimally invasive function of the sonic tips allows gentle work, protecting the adjacent collagenous soft tissue and the root surface
- Improved bacterial management



SF4L.000.

SF4R.000.



SF 4



1

SF4.000. ...

•

洁治用气动工作尖，长直形
龈下刮治牙结石（最大深度9 mm）


Perio, long straight

Sub gingival scaling of deposits (up to a depth of 9 mm)



SF 4 L



	1
---	---


SF4L.000. ...	•
---------------	---

ZH Perio, left curved
龈下刮治牙结石 (最大深度9 mm)
Perio, left curved
Sub gingival scaling of deposits (up to a depth of 9 mm)



SF 4 R



	1
---	---

SF4R.000. ...	•
---------------	---

ZH Perio, right curved
龈下刮治牙结石 (最大深度9 mm)
Perio, right curved
Sub gingival scaling of deposits (up to a depth of 9 mm)



种植洁治

Implant prophylaxis

Indications:

Polymer pins for subgingival removal of concretions and soft deposits from smooth implant necks

- Removal of plaque
- Removal of new deposits of calculus

Advantages:

- No abrasion
- No roughening of smooth neck areas
- Easy to handle screwed joint between the holder and the Polymer pin
- The pin is disposable. The holder can be reused, reprocessed and re-sterilised

提示：

Polymer针用于从光滑的植体颈部龈下清除结石和软沉积物

- 清除斑块
- 清除新的结石沉积物

优点：

- 无磨损
- 不打毛光滑的颈部区域
- 轻松处理手柄和Polymer针之间的螺纹
- 针是一次性使用的。手柄经过灭菌再处理是可以反复使用的。



SF 1981



1

SF1981.000. ...

•

实用新型专利, 专利/Utility model, patents
DE 10 2010 033 866

工作尖手柄
不锈钢
Tip holder
Stainless steel



SF 1982



30



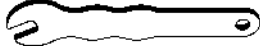
SF1982.000. ...

Polymer 针用于种植洁治是一次性的
Polymer pin for implant prophylaxis, disposable
PEEK

4611.000



种植清洁的声波器械套装
Set of sonic instruments for implant cleaning

		
SF1981.000.	1	
SF1982.000.	10	
566.000.	1	



拆除/成形



Stripping/Shaping

In close collaboration with Dr. Ivo Agabiti, we developed very thin sonic tips covered in fine grain which are designed for trimming interproximal surfaces.

Indications:

- Separation prior to crown preparation
- Smoothing of transitions at the interproximal preparation limit as part of the preparation of cavities
- Anatomical shaping of the interproximal surfaces of composite fillings
- Interproximal enamel reduction (IPR) as part of orthodontic treatments

Advantages:

- The tips are covered on one side only ("M" for mesial and "D" for distal surfaces). This allows the neighbouring teeth to remain untouched
- Choice of flat (for stripping) and convex tips (for shaping)

在与 Ivo Agabiti 博士的紧密合作下，我们研发出了非常细小的带有细砂涂层的声波工作尖，这是为邻面修整而设计的。

说明：

- 间隔之前的冠预备
- 精修过渡于邻面预备的边缘，作为窝洞预备的一部分
- 对邻面的树脂表面进行修形
- 作为正畸治疗的一部分，邻面釉质减少 (IPR)

优点：

- 此类工作尖仅有单面涂层 ("M"代表近中，"D"代表远中)。这样能使邻牙之间没有接触
- 平面做 (拆除)，凸面做 (修形)



SFD 1 F



		1
L	mm	4,75

SFD1F.000. ...

ZH用于拆除远中带细砂涂层，颈部带有60度角度，切割宽度0.22-0.32mm (锥形的) 的远中面
For stripping of distal surfaces
Coated on distal side, fine grain
60° angle at the neck area
Cutting width 0.22 - 0.32 mm (tapered)



SFD 2 F



		1
L	mm	4,75

SFD2F.000. ...

ZH用于拆除远中带细砂涂层，颈部带有60度角度，切割宽度0.22-0.32mm (锥形的) 的远中面
For shaping of distal surfaces
Coated on distal side, fine grain
60° angle at the neck area
Cutting width 0.22 - 0.32 mm (tapered)



● **SFM 1 F**



		1
L	mm	4,75

● **SFM1F.000. ...**

ZH用于拆除近中带细砂涂层，颈部带有60度角度，切割宽度0.22-0.32mm (锥形的) 的近中面
For stripping of mesial surfaces
Coated on mesial side, fine grain
60° angle in the neck area
Cutting width 0.22 - 0.32 mm (tapered)



● **SFM 2 F**



		1
L	mm	4,75

● **SFM2F.000. ...**

ZH用于拆除近中带细砂涂层，颈部带有60度角度，切割宽度0.22-0.32mm (锥形的) 的近中面
For shaping of mesial surfaces
Coated on mesial side, fine grain
60° angle in the neck area
Cutting width 0.22 - 0.32 mm (tapered)



● **SFD 3 F**



		1
L	mm	4,75

● **SFD3F.000. ...**

ZH用于拆除远中带细砂涂层，颈部带有15度角度，切割宽度0.22-0.32mm (锥形的) 的远中面
For stripping of distal surfaces
Coated on distal side, fine grain
15° angle at the neck area
Cutting width 0.22 - 0.32 mm (tapered)



● **SFD 4 F**



		1
L	mm	4,75

● **SFD4F.000. ...**

ZH用于拆除远中带细砂涂层，颈部带有15度角度，切割宽度0.22-0.32mm (锥形的) 的远中面
For shaping of distal surfaces
Coated on distal side, fine grain
15° angle at the neck area
Cutting width 0.22 - 0.32 mm (tapered)



● **SFM 3 F**



		1
L	mm	4,75

● **SFM3F.000. ...**

ZH用于拆除近中带细砂涂层，颈部带有15度角度，
切割宽度0.22-0.32mm (锥形的) 的近中面
For stripping mesial surfaces
Coated on mesial side, fine grain
15° angle in the neck area
Cutting width 0.22 - 0.32 mm (tapered)



● **SFM 4 F**



		1
L	mm	4,75

● **SFM4F.000. ...**

ZH用于拆除近中带细砂涂层，颈部带有15度角度，
切割宽度0.22-0.32mm (锥形的) 的近中面
For shaping of mesial surfaces
Coated on mesial side, fine grain
15° angle in the neck area
Cutting width 0.22 - 0.32 mm (tapered)



用于邻面窝洞预备的声波工作尖



Sonic tips for the preparation of interproximal cavities

In close cooperation with Dr. Oliver Ahlers, Hamburg, Komet has developed sonic tips. Sonic tips for the preparation of interproximal cavities sonic tips for the preparation of interproximal cavities. The user can choose between two sonic tips with working parts that are bisected lengthwise (mesial and distal). The tips come in two sizes and are ideally suited for the preparation of molars and premolars.

通过与德国汉堡的知名专家Oliver Ahlers紧密合作，固美研发出了声波工作尖。用于邻面窝洞预备的声波工作尖。提供两种工作端部位相反的声波工作尖（近中或远中），使用者可以从中选择。工作尖有两种大小尺寸，特别适合磨牙和前磨牙预备。

适应征：

- 邻面窝洞的最终修形
- 邻面窝洞边缘的精修

优点：

- 工作尖单面涂覆金刚砂，避免损伤邻牙
- 由于声波工作尖的特殊形状，能避免形成倒凹
- 预备后形成均匀的窝洞边缘，确保边缘封闭完全

Indication:

- Final shaping of interproximal cavities
- Smoothing of interproximal cavity margins

Advantages:

- The tips are only coated on one side, to prevent damage to the adjacent tooth
- Prevention of undercuts thanks to the special shape of the sonic tips
- Preparation of even cavity margins to guarantee a perfect marginal seal

Handy hint:

Designed for the gentle and precise positioning of inlays and partial crowns, the CEM tip SF12 ideally complements these sonic tips.

4 arguments in favour of Komet tips:

- ① optimised diamond coating (60 µm instead of 40 µm) to facilitate shaping and finishing
- ② the shape is adapted to modern ceramic inlays (instead of the previously used ceramic inserts) and guarantees plane lateral surfaces and rounded transitions
- ③ more axial depth to improve the shaping of the buccal and lingual surfaces of the interproximal box as well as the floor of the box
- ④ the tip is available in 2 sizes to suit molars and premolars

小提示：

此系列器械设计用于确保嵌体和部分冠的精确就位，CEM系列工作尖中的SF12工作尖是这些声波工作尖的理想补充。

4条选用Komet工作尖的理由

- ① 优化的金刚砂涂层（60µm而不是40µm），有助于完成修型和抛光
- ② 该形状适用于现代陶瓷嵌体（而不是过去使用的陶瓷镶嵌），确保侧面表面平整，边缘过渡区形成圆角
- ③ 轴向深度更深，用以提高邻面洞形颊侧和舌侧，以及洞形底部表面的成形效果
- ④ 2个尺寸的工作尖，适用于磨牙和前磨牙



Set 4562ST



SFM 7



		1	1
尺寸 · Size		1	2
L	mm	7,3	7,3

SFM7.000. ...

1

2

用于前磨牙（1号）和磨牙（2号）的邻面窝洞预备
用于远中面

For proximal cavity preparation in premolars (size 1) and molars (size 2)
For mesial surfaces



SFD 7



		1	1
尺寸 · Size		1	2
L	mm	7,3	7,3

SFD7.000. ...

1

2

用于前磨牙（1号）和磨牙（2号）的邻面窝洞预备
用于近中面

For proximal cavity preparation in premolars (size 1) and molars (size 2)
For distal surfaces



SF 12



		10
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SF12.000. ...

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CEM尖用于定位嵌体、高嵌体和贴面定位的复合材质
定位销，一次性使用

PEEK材质
与SF1981工作尖夹持器一同使用

CEM tip for positioning of Inlays, Onlays and Veneers,
disposable

PEEK
Use with tip holder SF1981



冠预备

Crown preparation

In close cooperation with Dr. Domenico Massironi, Italy, we have developed sonic tips for crown preparation. Furthermore, special tips with working parts that are bisected lengthwise together were developed together with Prof. Günay of the Medical University of Hanover.

Indications:

- *Exact positioning and finishing of the prosthetic margin after supragingival preparation with rotary instruments of identical shape*
- *Interproximal trimming by means of sonic tips bisected lengthwise (mesial or distal)*

Advantages:

- *The oscillating function of these sonic tips allows gentle positioning of the crown margin while protecting the soft tissue, thus avoiding any damage to the gingiva even in case of direct contact*
- *The tips with working parts that are bisected lengthwise do not damage the adjacent teeth*
- *The oscillating elliptical vibrations of the sonic tips create an irregular surface structure which promotes perfect penetration and adhesion of the fixing cement*

在与意大利的Domenico Massironi博士的紧密合作下，我们研发出了冠预备声波工作尖。另外，此款特殊的工作尖带有将纵向一分为二的工作间，这也是和Hanover医学院的Gunay教授共同研发的。

说明：

- 精确定位和精修假体边缘之后，用相同形状的旋转器械制备龈上
- 用纵向一分为二的声波工作尖（近中或远中）精修邻面

优点：

- 这些声波工作尖的震动功能能够温和的定位冠的边缘，同时保护软组织，避免即使在直接接触时对牙龈的损伤
- 该工作尖带有将纵向一分为二的工作间，这样不会伤害邻牙
- 该声波工作尖工作时的发出的椭圆形振动，创造出一个不规则的表面结构，这样更有利于固定粘结剂的渗透和粘结





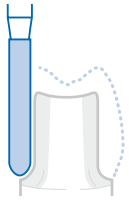
SF 979
SF 8979



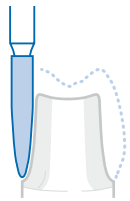
		1	1	1
尺寸 · Size	Ø $\frac{1}{10}$ mm	012	014	016
L	mm	8,0	8,0	8,0
	SF979.000. ...	012	014	016
	SF8979.000. ...	-	014	016

26

使凹槽与改良的工作尖平行
定位/精修之后，用2979.314.012/014/016完成预备
Parallel chamfer with modified tip
For positioning/finishing after completed preparation with
2979.314.012/014/016



- 2979.314.012
- 2979.314.014
- 2979.314.016



- 6862.314.014



SF 862



		1
尺寸 · Size	Ø $\frac{1}{10}$ mm	014
L	mm	8,0
	SF862.000. ...	014

火焰形
定位/精修之后用6862.314.014完成预备
Flame
For positioning/finishing after completed preparation with 6862.314.014



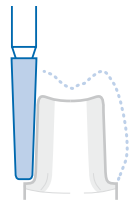
SF 847 KR



		1
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,0
角度 · Angle	α	2°

SF847KR.000. ... 016

改良锥形肩台
定位/精修之后用6847KR.314.016完成预备
Modified tapered shoulder
For positioning/finishing after completed preparation with
6847KR.314.016



● 6847KR.314.016



● SF 8878 KD



		1
尺寸 · Size	∅ 1/10 mm	018
L	mm	8,0
角度 · Angle	α	2°

● SF8878KD.000. ... 018

鱼雷形，锥形
冠边缘的定位/精修，适合6878K.314.018用于远中面
Torpedo, tapered
For positioning/finishing of the crown margin
Matches 6878K.314.018
For distal surfaces



● SF 8878 KM



		1
尺寸 · Size	∅ 1/10 mm	018
L	mm	8,0
角度 · Angle	α	2°

● SF8878KM.000. ... 018

鱼雷形，锥形
冠边缘的定位/精修，适合6878K.314.018用于远中面
Torpedo, tapered
For positioning/finishing of the crown margin
Matches 6878K.314.018
For mesial surfaces



Veneer technique

Sonic tip for veneers, developed by Dr. Schwenk and Dr. Striegel, Nuremberg

Indication:

- Finishing after previous preparation of the veneers with rotary instruments of identical shape

Advantage:

- The combination of fine grit and a low oscillation amplitude results in the creation of a very fine surface, which is an indispensable precondition for a tight prosthetic margin



● SF 8850



		1
尺寸 · Size	∅ 1/10 mm	016
L	mm	10,0
角度 · Angle	α	2°

● SF8850.000. ... 016

圆锥形

精修，边缘预备之后用fig.6850/8850进行贴面预备

Tapered round

For finishing the preparation margin after preparation with fig. 6850/8850, to be used in veneering

贴面

声波工作尖的贴面是由Schwenk博士和Striegel,Nuremberg博士共同研发的

说明：

- 精修后用相同形状的旋转器械为前一次的贴面做预备

优点：

- 在精细研磨和低振动的共同作用下制造出一个非常精细的表面，这对于做出无空隙的假体边缘来讲是无可或缺的预处理步骤



修磨窝沟

Opening of fissures

Indications:

Minimally invasive opening of fissures, for example:

- Detection of hidden caries
- Removal of fissure caries
- Preparation for fissure sealing

Advantage:

- The relatively low oscillation amplitude and the small diameter of the instrument allow minimally invasive work

说明：

微创修磨窝沟，例如：

- 探测隐蔽的龋蛀
- 清除窝沟龋蛀
- 窝沟封闭预备

优点：

- 相对低振动和小直径的器械才能实现微创



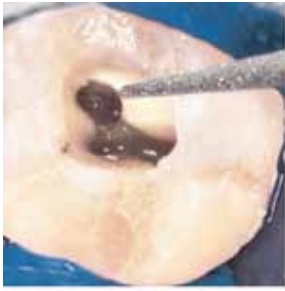
new

SF 849



		1
尺寸 · Size	∅ 1/10 mm	009
长度 · L	mm	4,0
SF849.000. ...		009

轻松修磨窝沟
Easy opening of fissures



牙体牙髓

Endodontics

Indications:

Sonic tips for orthograde preparation of the pulp chamber and preparation of the cervical third of the root canal as part of an endodontic treatment.

Advantages:

- Quick preparation and removal of old root fillings
- Easier retrieval of root canals
- Enlargement of obliterated canals
- Preparation of straight canal access cavities without weakening the crown
- Useful for removing hard root fillings, cements or posts
- Controlled, gentle preparation without steps and protruding material
- Excellent vision

Hint:

For endodontic treatments we recommend our comprehensive endodontic range. For further information, please order our endodontic brochure.

说明：

在根管治疗过程中，顺向预备牙髓腔和预备根管颈部三分之一处。

优势：

- 快速预备并清除陈旧的根管填充物
- 更容易修复根管
- 扩大闭塞的根管
- 在不削弱全冠的情况下，预备直线牙髓腔通道
- 有利于清除坚硬的根管充填物，粘合剂或植入柱
- 预备过程轻柔且在控制之下，不会使材料形成阶梯状和突出
- 极好的视野

提示：

对于根管治疗，我们建议您使用我们全面的根管产品。如您需要更详细的产品资料，请订阅根管目录。



SF 66



		1
长度 · L	mm	6,0
SF66.000. ...		•

大圆头

初步预备牙髓腔通道并清除突出材料


Large bud

Initial preparation of the access cavity and removal of protruding substance



SF 67



		1
长度 · L	mm	10,0
长度 · L	α	125°

SF67.000. ...

锥形头

修复细小和钙化的根管，在修复时打开根管的上部


Tapered

Retrieval of fine and calcified canals, opening of the upper canal portions during revision



SF 68



		1
长度 · L	mm	10,0
长度 · L	α	112°

SF68.000. ...

锥形头

替代带有更大角度的SF67

Tapered

Alternative to the SF67 with a more pronounced angle



SF 69



		1
长度 · L	mm	6,0

SF69.000. ...

小圆头

精修牙髓腔通道，最小程度复新牙本质层，清除残留的根管填充物


Small bud

Finishing of the access cavity, minimal refreshing of the dentin layer and removal of residues of root canal fillings



SF 70



		1
角度 · Angel	α	122°
角度 · Angel	mm	10,0

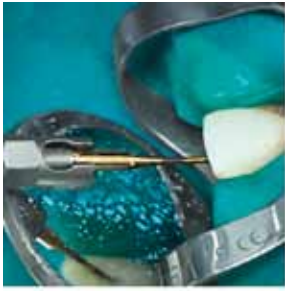
SF70.000. ...

锥形头

扩张较长和较宽的根管，清除折断的器械，清除由牙胶和软粘剂构成的根管填充物

Tapered

Enlargement of long and wide canals, unblocking of fractured instruments, removal of root fillings made of gutta-percha and soft cements



牙体牙髓

Endodontics

Indication:

Activation of rinsing liquids during endodontic treatments. Thanks to sound activated movements and micro currents, the efficiency of rinsing liquids inside the root canal is greatly increased, safely removing bacteria, residues of pulp tissue, loose dentin chips and the smear layer.

Advantages:

- Even more efficient rinsing of the root canal
- Made of highly flexible nickel titanium, with a titanium-nitride surface coating
- Small instrument diameter for rinsing narrow root canals
- The same instrument diameter for all canals, thus eliminating the need to change instruments
- Safe end and absence of tothing to avoid inadvertent removal of substance from the canal wall
- Laser marks to indicate the depth

说明：

根管治疗期间激活冲洗液的声波工作尖由于声控运动和微电流，根管内冲洗液的效率大大增加，因此能够安全地清除细菌，牙髓组织残留物，疏松的牙本质和涂层。

优点：

- 更有效地冲洗根管
- 由高弹性的镍钛合金构成，带有氮化钛涂层
- 器械直径小，便于冲洗狭窄的根管
- 相同直径器械用于所有根管，因此无需更换器械
- 顶端安全无刃并且没有锯齿，防止无意清除根管壁上的物质
- 激光刻蚀的深度标记



SF 65



		5
尺寸 · Size	∅ 1/100 mm	020
SF65.000. ...		020

根管冲洗液的激活
Activation of endodontic rinsing liquids

SF 1981



		1
SF1981.000. ...		•

实用新型专利，专利/Utility model, patents
DE 10 2010 033 866

声波工作尖柄
不锈钢
Tip holder
Stainless steel



587



	1
--	---




587.000. ...

SF1981 声波工作尖柄的夹紧螺母
Clamping nut for tip holder SF1981

4615.000



用以激活根管清洗液的声波工作尖套装
Set with sonic tips for activation of endodontic rinsing liquids

		
SF65.000.020	5	
		
587.000.	1	
		
SF1981.000.	1	



外科手术

Surgery

Sonic tips for minimally invasive oral surgery developed by Dr. Ivo Agabiti

Indications:

- Bone cuts
- Splitting the alveolar crest
- Detaching a tooth from its alveolar compartment and extraction

Advantages:

- Very fine incisions
- Gentle on soft tissue
- Easy handling
- Excellent vision
- Optimum control during operations

Hint:

We recommend our surgery brochure

用以口内外科手术的声波工作尖由Ivo Agabiti博士研发

说明：

- 切骨
- 分离牙槽嵴
- 将牙齿从牙槽中取出

优点：

- 极细小的伤口
- 温和工作于软组织
- 容易控制
- 极佳的视野
- 极好的控制手术过程

提示：

我们建议您订阅外科手术的目录



SFS 100



1

SFS100.000. ...

•

矢状面
切割厚度0.25mm，切割深度10.7mm
不锈钢
Sagittal
Cutting thickness 0.25 mm, cutting depth 10.7 mm
Stainless steel



SFS 101



1

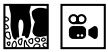
SFS101.000. ...

•

轴面
切割厚度0.25mm，切割深度10.7mm
不锈钢
Axial
Cutting thickness 0.25 mm, cutting depth 10.7 mm
Stainless steel



SFS 102



	1
SFS102.000. ...	•




垂直型
切割厚度0.25mm, 切割深度10.7mm
不锈钢
Straight
Cutting thickness 0.25 mm, cutting depth 10.7 mm
Stainless steel



4567 A.000



口腔手术声波工作尖套装 (依照Ivo Agabiti博士的方法)
Set sonic tips for oral surgery, according to Dr. Ivo Agabiti

	1	
SFS100.000.	1	
	1	
SFS101.000.	1	
	1	
SFS102.000.	1	
9952.000.	1	



颌窦提升

Sinuslift

Developed by Dr. Ivo Agabiti, these sonic tips are designed for the minimally invasive mobilization of the periosteal membrane in the maxillary sinus as part of a sinus lift.

Indication:

- Gentle separation of the sinus membrane in the area of the previously mobilized lateral window
- Gentle elevation of the sinus membrane

Advantages:

- The saucer shaped sonic tips SFS103 or SFS104 are particularly suited for hard-to-reach edges of the lateral window
- The oval sonic tip SFS105 gently detaches the periosteal membrane at the edges of the lateral window

这些声波工作尖是专为薄骨膜在上颌窦作为颌窦提升的一部分的微创手术而专门设计的。

说明：

- 温和地分离之前被移动侧面窗口的颌骨膜
- 温和地提升颌面薄膜

优点：

- 茶托形状的声波工作尖SFS103或SFS104特别适用于侧面窗口的难触及边缘
- 声波工作尖SFS105温和地分离侧面窗口边缘的薄骨膜

new

SFS 109



		1
尺寸 · Size	∅ 1/10 mm	025
D	∅ 1/10 mm	25

SFS109.000. ...

025

金刚砂球形直器械，用于侧面开窗/上颌窦外提升。
不锈钢

Diamond coated, round, straight, for the preparation of a lateral window/
external sinus lift
Stainless steel

new

SFS 109 F



		1
尺寸 · Size	∅ 1/10 mm	025
D	∅ 1/10 mm	25

SFS109F.000. ...

025

金刚砂球形细砂直器械，用于侧面开窗/上颌窦外提升。
不锈钢

Diamond coated, round, straight, fine grit, for the preparation of a lateral
window/external sinus lift
Stainless steel



SFS 103



1

SFS103.000. ...

碟形, 直径 \varnothing 2.5mm, 75°角
分离Schneider膜 (Schneider membrane) / 上颌窦提升
不锈钢
Saucer-shaped approx. \varnothing 2.5 mm, angle 75°
Separation of the Schneider membrane/external sinus lift
Stainless steel



SFS 104



1

SFS104.000. ...

S碟形, 直径 \varnothing 2.5mm, 35°角
分离Schneider膜 (Schneider membrane) / 上颌窦提升
不锈钢
Saucer-shaped approx. \varnothing 2.5 mm, angle 35°
Separation of the Schneider membrane/external sinus lift
Stainless steel



SFS 105



1

SFS105.000. ...

椭圆 (象脚) 形, 近3.5 x 5.2 mm, 60°角
分离Schneider膜 (Schneider membrane) / 上颌窦提升
不锈钢
Oval (elephant foot), approx. 3.5 x 5.2 mm, angle 60°
Separation of the Schneider membrane/external sinus lift
Stainless steel



4614.000

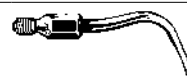


Sono Membrane 灭菌容器套装
Set Sono Membrane sterilisation container



SFS103.000.

1



SFS104.000.

1



SFS105.000.

1



9952.000.

1



骨预备

Bone preparation



Diamond coated, tapered sonic tip for vertical incisions in the bone at the mesial and distal end during the widening of the alveolar ridge

Indication:

- Bone removal (Ostectomy)
- Shaping of bones (Osteoplasty)

Advantages:

- Gentle, conservative work on bones
- Excellent control
- Particularly gentle on soft tissue

Hint:

For further information, we recommend our "Surgery" and "Angle Modulation" brochures

金刚砂涂层，锥形声波工作尖，作用于扩大牙槽嵴近中或远中端骨的垂直切口

说明：

- 去除骨头（骨切除术）
- 骨头成形（骨成形术）

优点：

- 在骨头上温和，谨慎的工作
- 极易控制
- 特别温和地工作于软组织

提示：

进一步的产品信息，我们建议您订阅“外科手术”目录。



SFS 110



		1
尺寸 · Size	∅ 1/10 mm	015
L	mm	10,0
角度 · Angle	α	3°
SFS110.000. ...		015

金刚砂涂层，锥形
不锈钢
Diamond coated, tapered
Stainless steel



外科冠延长术

Surgical crown extension

Sonic tips for surgical crown extension, developed by Dr. Schwenk and Dr. Striegel, Nuremberg

Indications:

Osteotomy as part of a surgical crown extension to reconstitute the biological width.

In the anterior tooth area: Gently swivel the sonic tip in mesial and distal direction.

SFS120: Size 020 for teeth 2 and 4, size 030 for teeth 1 and 3

SF121 and SFS122: for bucal/interdental surfaces, e. g. in the lateral tooth area

Advantages:

- Minimally invasive surgical crown extension without creation of a flap, in case of asymmetrical dental arcade, gummy smile or violation of the biological width
- Reconstitution of the biological width without need for periodontal surgery

外科冠延长术的声波工作尖是由Schwenk博士和Striegel, Nuremberg博士共同研发的

说明：

切骨术作为外科冠延长重建生物宽度的一部分。在前牙区：近中和远中方向轻轻地旋转声波工作尖。

SFS 120：尺寸为020用于齿2和4，尺寸为030用于齿1和3

SF121和SFS122用于后牙区颊侧/邻牙间表面，等等。

优点：

- 无需骨膜翻瓣即可进行的微创外科冠延长术，有效防止牙弓不对称，露龈笑和破坏生物宽度
- 无需牙周手术重建生物宽度



SFS 120



		1	1
尺寸 · Size	∅ 1/10 mm	020	030
SFS120.000. ...		020	030

实用新型专利，专利/Utility model, patents
EP 2 145 598

微创外科冠延长术
不锈钢

Minimally invasive surgical crown extension
Stainless steel



SFS 121



		1	1
尺寸 · Size	Ø 1/10 mm	020	030
SFS121.000. ...		020	030

实用新型专利, 专利/Utility model, patents
EP 2 145 598

微创外科冠延长术
不锈钢

Minimally invasive surgical crown extension
Stainless steel



SFS 122



		1	1
尺寸 · Size	Ø 1/10 mm	020	030
SFS122.000. ...		020	030

实用新型专利, 专利/Utility model, patents
EP 2 145 598

微创外科冠延长术
不锈钢

Minimally invasive surgical crown extension
Stainless steel



SF 1 LM.000



带有照明和MULTiflex® 连接的声波手机
MULTiflex® 是德国KaVo Dental GmbH公司的注册商标
Sonic handpiece with light and MULTiflex® connection, incl. tip changer
MULTiflex® is a registered trademark of KaVo Dental GmbH, Germany



SF 1975.000



针尖扭力扳手
Tip changer with torque



9981.000



4孔带光纤快插接头（例如用于西诺德牙科综合治理台），含扳手和5个O型圈
适用于Komet SF1LM和所有使用MULTiflex®接口气动器械（高速涡轮手机，气动洁牙机等）
MULTiflex® 是德国KaVo Dental GmbH公司的注册商标
4-hole Lux coupling (for example for Sirona units), incl. wrench and 5 O-rings
Suitable for Komet SF1LM and all air operated transmission instruments (turbines, air scalers ...) with MULTiflex® connections
MULTiflex® is a registered trademark of KaVo Dental GmbH, Biberach



9982



	1
9982.000. ...	•

9981快插接头用XENON技术备用灯泡
Spare bulb XENON technology for coupling 9981

9983



	10
9983.000. ...	•

绿色O型圈，外径6 mm
Green O-ring, external diameter 6 mm

9984



	10
9984.000. ...	•

黑色O型圈，外径8 mm
Black O-ring, external diameter 8 mm



SF 1978.000



冲洗适配器，用于在Miele清洁和消毒机中清洁消毒声波工作尖
Rinse adapter for reprocessing of sonic tips in a Miele washer/disinfector



SF 1979.000

声波工作尖的冷却适配器，用于从外部提供无菌生理盐水不锈钢 (cooling liquid)
*Cooling adapter for sonic tips, for external supply of sterile cooling liquid
Stainless steel*



566.000

声波工作尖冷却水接口SF1979、复合材质工作尖SF1982、Angle Modulation骨改形工具用安装扳手，用于ex. M000FC
不锈钢
*Mounting wrench for cooling adapter SF1979 for sonic tips, polymer pin SF1982, Angle Modulation modulators, for ex. M000FC
Stainless steel*

4602.000

冷却适配器SF1979套装用于安装把手566声波工作尖
Set cooling adapter SF1979 for sonic tips and mounting wrench 566

SF1979.000.	1	
566.000.	1	



SF 1977.000



固美SF1979外冷却转接器在Miele清洗和消毒机中进行再处理所用的适配器。
不锈钢
*Rinse adapter for reprocessing of the Komet cooling adapter SF1979 or of the ultrasonic tips with internal thread in a Miele Miele washer/disinfector
Stainless steel*



9952.000

43



尺寸 · Dimensions	mm	90 x 65 x 22
-----------------	----	--------------

用于声波工作尖的通用不锈钢车针架，带有7个浅蓝色硅胶插座。
Bur block made of stainless steel with 7 light blue silicone plugs as universal holders for sonic or ultrasonic tips

9953



	☞	7
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尺寸 · Size		1
-----------	--	---

9953.000. ...		1
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硅胶塞，用于9952声波探针车针架
Silicone plugs, refill for bur block 9952 for sonic tips



刮除器
Scaler



46

牙周病学器械
Periodontics



47

44

植入物病变预防器械
Implant prophylaxis



48

配件
Auxiliaries



49



Ultra sonic tips **超声波工作尖**

<i>Scaler</i>	46	牙周洁治器械
<i>Periodontics</i>	47	口腔牙周
<i>Implant prophylaxis</i>	48	种植洁治
<i>Auxiliaries</i>	49	配件



new



A



1

A.EM1. ...

牙周洁治器械
舌侧龈上洁治
Scaler
Supragingival scaling of calculus in all quadrants

new



B



1

B.EM1. ...

牙周洁治器械
舌侧龈上洁治
Scaler
Supragingival scaling of calculus on lingual surfaces

46

new



C



1

C.EM1. ...

牙周洁治器械
前牙初步龈上洁治
Scaler
Rough supragingival scaling of calculus on front teeth

new



P



1

P.EM1. ...

牙周洁治器械, 平头
所有区域的龈上和龈下洁治
Scaler perio, flat
Supra and subgingival scaling of calculus in all quadrants

new



PS



1

PS.EM1. ...

牙周洁治器械, 球形头部
所有区域的龈上和龈下洁治
Scaler perio, slim
Supra and subgingival scaling of calculus in all quadrants



注意：超声波工作尖能适用于以下手机：

- EMS公司出品的Piezon Master 700, MiniMaster, MiniMaster LED 和 MiniPiezon
- TEKNE DENTAL公司出品的Titanus

Note: The ultrasonic tips can be used in the following hand-pieces:

- Piezon® Master 700, MiniMaster®, MiniMaster® LED and MiniPiezon® of the company EMS
- Titanus® E of the company TEKNE DENTAL

new



PL 1



1

PL1.EM1. ...

洁治用气动工作尖，向左弯曲
龈下洁治
Perio, curved to the left
Subgingival scaling of calculus

new



PL 2



1

PL2.EM1. ...

洁治用气动工作尖，向右弯曲
龈下洁治
Perio, curved to the right
Subgingival scaling of calculus

new



PL 3



1

PL3.EM1. ...

洁治用气动工作尖，长直形
用消毒的方法冲洗/消毒牙周袋
Perio, long, straight
Irrigation/Disinfection of periodontal pockets with a disinfecting solution

new



PL 4



1

PL4.EM1. ...

洁治用气动工作尖，向左弯曲，球形头部
在多牙根和倒凹区域进行龈下洁治
Perio, curved to the left, with ball
Subgingival scaling of accretion in furcations and concavities

new



PL 5



1

PL5.EM1. ...

洁治用气动工作尖，向右弯曲，球形头部
在多牙根和倒凹区域进行龈下洁治
Perio, curved to the right, with sphere
Subgingival scaling of accretion in furcations and concavities



new

1981



		1
--	--	---

1981.EM1. ...	•
----------------------	---

超声波工作尖夹持器
Tip holder ultra sonic



SF 1982



		30
--	--	----

SF1982.000. ...	•
------------------------	---

Polymer针用于种植预防，一次性使用
Polymer pin for implant prophylaxis, disposable
PEEK

new

4638.000



种植体超声波清洁器械套装，含扭矩扳手
Set of ultra sonic instrument for implant cleaning, including torque wrench

1981.EM1.	1	
SF1982.000.	10	
566.000.	1	



SF 1977.000



固美SF1979外冷却转换器在Miele清洗和消毒机中进行再处理所用的适配器。
不锈钢

Rinse adapter for reprocessing of the Komet cooling adapter SF1979 or of the ultrasonic tips with internal thread in a Miele Miele washer/disinfector
Stainless steel

new



97509.000

给超声波工作尖的冷却孔使用的清洁通针
Cleaning wire for cooling orifices in ultrasonic tips



new

97507.000



尺寸 · Dimensions mm 205 x 70 x 40,3

带有5个可装带有扭力扳手的声波工作尖插座和一个手机插座的不锈钢车针架
Stainless steel bur block with 5 receptacles for ultra sonic tips in a torque wrench and a holder for a hand-piece



566.000

声波工作尖冷却水接口SF1979、复合材质工作尖SF1982、Angle Modulation骨改形工具用安装扳手，用于ex. M000FC
不锈钢

Mounting wrench for cooling adapter SF1979 for sonic tips, polymer pin SF1982, Angle Modulation modulators, for ex. M000FC
Stainless steel



口腔牙周
Periodontics



53

骨预备
Bone preparation



54


50

处理软组织
Work on soft tissue



55



Files for reciprocating handpiece  往复式手机用器械

<i>Introduction</i>	52	简介
<i>Periodontics</i>	53	口腔牙周
<i>Bone preparation</i>	54	骨预备
<i>Work on soft tissue</i>	55	处理软组织



Reciprocating files as part of the TissueMaster Concept®

Instruments performing stroke movements tend to be used in special treatments in the dental surgery, and the popularity of these treatments just keeps on growing.

Oscillating reciprocating files are frequently used for trimming restored interproximal surfaces, in orthodontics (e.g. stripping), in prophylaxis or in the preparation of root surfaces.

The innovative new reciprocating files developed by Komet give oscillating movements a whole new momentum. Developed in close cooperation with Dr. Stefan Neumeyer, these state-of-the-art files are ideally suitable for work on hard and soft tissue within the scope of Dr. Neumeyer's TissueMaster Concept, short TMC. Don't just take our word for it. Give these new files a try and see for yourself!

The components of the innovative range of reciprocating files:

- Diamond coated files for mechanical periodontal treatments
- Saw blades for cutting bone
- Scalpels for work on soft tissue - initial, advanced and extended versions with a perfectly ergonomic, curved shape

Oscillating, straight and effective - These innovative files mark the dawn of a new era of intuitive, tactile work right at your fingertips.

Advantages:

- Great results in little time
- Absolute precision
- Effective performance
- Outstanding intuitive control

往复式器械作为TissueMaster概念的一部分

轻微移动的器械在口腔外科的特殊治疗中被广泛应用，这种治疗方式越来越成熟和受欢迎。

在正畸（例如：拆除），在口腔预防或牙根表面的预备中，往复式振动器械常常用于精修已经成形的邻间表面

这种创新的往复式器械是由Komet提供了一种全新振动移动的概念而来。在与Stefan Neumeyer博士的紧密合作下，在Neumeyer博士的TissueMaster概念中，这种全新的器械理想的工作于软硬组织，短型TMC。不要轻易相信我们所说的话，请试一下如此好用的器械吧！

往复式器械创新领域的组成部分：

- 金刚砂涂层的器械适用于机械性的牙周治疗
- 锯片用于切割骨头
- 外科手术刀用于软组织-基础，高级，衍生版

本，是最完美的符合人体工程学和弯曲形状的器械。

优点：

- 用最少的做出最好的结果
- 绝对精细
- 高效的表现
- 出色的敏锐控制

new



RCAP 1



		1
L	mm	5,0

RCAP1.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式锉刀, 金刚砂涂层, 带有配套取用工具
用于往复手机, 不锈钢
Reciprocating file, periodontal, diamond coated, „Surfer“,
with applicator/support
For use in the reciprocating handpiece, stainless steel

new



RCAP 2



		1
L	mm	2,5

RCAP2.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式锉刀, 牙周周, 金刚砂涂层, 带有配套取用工具
用于往复手机, 不锈钢
Reciprocating file, periodontal, diamond coated,
„Smoother“, with applicator/support
For use in the reciprocating handpiece, stainless steel

new



RCAP 3



		1
L	mm	4,5

RCAP3.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式锉刀, 牙周周, 金刚砂涂层, 带有配套取用工具
用于往复手机, 不锈钢
Reciprocating file, periodontal, diamond coated, „Beaver“,
with applicator/support
For use in the reciprocating handpiece, stainless steel



new



RCAB 1



		1
L	mm	9,0

RCAB1.000. ...

实用新型专利, 专利/Utility model, patents
 DE 10 2009 011 584*
 EP 2 403 425*
 * 申请中/* pending

往复式锯, 带有配套取用工具
 用于往复手机, 不锈钢

Reciprocating file saw, „jigsaw“, with applicator/support
 For use in the reciprocating handpiece, stainless steel

new



RCAB 2



		1
L	mm	5,0

RCAB2.000. ...

实用新型专利, 专利/Utility model, patents
 DE 10 2009 011 584*
 EP 2 403 425*
 * 申请中/* pending

往复式器械, 带有配套取用工具
 用于往复手机, 不锈钢

Reciprocating file saw, „hedgehog“, with applicator/
 support
 For use in the reciprocating handpiece, stainless steel

new



RCAS 1 C



		1
L	mm	1,5

RCAS1C.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式手术刀, 标准弯型, 带有配套取用工具
用于往复式手机, 不锈钢

Reciprocating file scalpel „initial“, curved, with
applicator/support

For use in the reciprocating handpiece, stainless steel

new



RCAS 2



		1
L	mm	3,0

RCAS2.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式手术刀, 加长直型, 带有配套取用工具
用于往复式手机, 不锈钢

Reciprocating file scalpel „advanced“, straight, with
applicator/support

For use in the reciprocating handpiece, stainless steel

new



RCAS 2 C



		1
L	mm	3,0

RCAS2C.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式手术刀, 加长弯型, 带有配套取用工具
用于往复式手机, 不锈钢

Reciprocating file scalpel „advanced“, curved, with
applicator/support

For use in the reciprocating handpiece, stainless steel

new



RCAS 3 C



		1
L	mm	4,5

RCAS3C.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式手术刀, 超长弯型, 带有配套取用工具
用于往复式手机, 不锈钢

Reciprocating file scalpel „extended“, curved, with
applicator/support

For use in the reciprocating handpiece, stainless steel



CeraBur®
CeraBur®



用圆头车针去腐
Round burs for excavation 58



处理窝沟的车针
Fissure bur 60

CeraTip
CeraTip



陶瓷工作尖
Ceramic tip 61

提示:

Note:

详细的关于**CeraLine**器械的信息, 请查阅外科手术部分

*For further **CeraLine** instruments, please refer to our surgery section!*



Ceramics 陶瓷

<i>CeraBur</i> [®]	58 - 60	<i>CeraBur</i> [®]
<i>CeraTip</i>	61	<i>CeraTip</i>



CeraBur

CeraBur

高效的陶瓷圆头车针

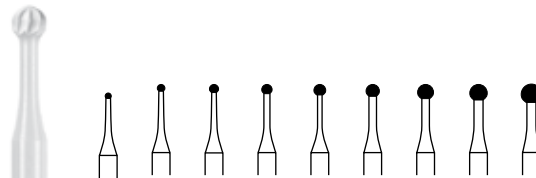
High efficiency round bur made of ceramics

优点：

Advantages:

- 有触觉的去腐-该器械能够使牙医辨识健康牙本质和龋蛀部分
- 特殊的刀刃设计使操作更平滑
- 温和，谨慎地去除龋蛀
- 具有良好的生物相容性，不含金属成份
- 抗腐蚀

- Tactile excavation - the instrument allows the dentist to distinguish between carious and healthy dentin
- Special blade design for smooth operation
- Smooth, conservative material reduction
- Corrosion-free
- Biocompatible and free of metal



K 1 SM



		5	5	5	5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	008	010	012	014	016	018	021	023	027
美国编号		1SM	2SM	3SM	4SM	5SM	6SM	7SM	8SM	10SM

RA - Right-angle (RA)



		008	010	012	014	016	018	021	023	027
--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----

RAL - Right-angle long (RAL)



		-	010	012	014	016	018	021	023	-
--	--	---	-----	-----	-----	-----	-----	-----	-----	---

⊖_{max} 40000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 10 2006 018 933
EP 1 849 429

陶瓷球钻用于除龋的高切割效率设计细颈改良型, 改善视野






Round bur, made of ceramics
High-efficiency cutting design for excavating
Slim neck for improved vision



4547.204








CeraBur, K1SM-初用者套装
CeraBur, K1SM Starter set

			
●	K1SM.204.010	2	
●	K1SM.204.014	2	
●	K1SM.204.018	2	
●	K1SM.204.023	2	

4547.205



CeraBur, K1SM-初用者套装
CeraBur, K1SM Starter set

			
●	K1SM.205.010	2	
●	K1SM.205.014	2	
●	K1SM.205.018	2	
●	K1SM.205.023	2	



CeraBur

Fissure bur made of ceramics

Indications:

- For controlled, tactile detection of caries
- Optimum geometry for opening fissures in the process of extended fissure sealing
- Optimum design for triangularly shaped carious lesions
- For selective removal of carious material

Advantages:

- Free of corrosion
- Biocompatible
- Free of metal



CeraBur

陶瓷的窝洞修整车针

说明：

- 发现龋蛀时有明显感觉，受控性良好
- 最佳的几何学设计有利于窝沟封闭的过程中打开窝沟
- 最佳的设计有利于清除三角形的龋蛀
- 龋蛀的选择性去除

优点：

- 无腐蚀
- 生物相容性好
- 无金属



○ **K 59**



		5
尺寸 · Size	∅ 1/10 mm	010
L	mm	2,5

FG · Friction Grip (FG)



○ **K59.314. ...** 010

实用新型专利, 专利 / Utility model, patents
DE 10 2006 042 762

陶瓷制成的牙裂钻用于微创剖开窝沟，尖端有切割力

Fissure bur, made of ceramics

For minimally invasive opening of fissures, cutting tip



CeraTip

CeraTip

CeraTip - suitable as an alternative to scalpels or electro-surgical procedures

The CeraTip, which was developed with the scientific advice of Prof. Dr. Sami Sandhaus, is typically used in various sectors of mucosa surgery, such as exposure of intraosseous implants and impacted teeth, dilatation of the sulcus following a crown preparation, exposure of deep cavities in the neck of the tooth or papillectomy.

Advantages:

- Reduced risk of bleeding during tissue shaping
- Free of metal thus biocompatible and corrosion resistant
- Durable one-piece construction - the tip does not prematurely detach itself from its metal support as is the case with other tissue trimmers
- Ergonomic instrument - no metal support to get in the way, which is why the CeraTip is predestined to cover all indications

① The CeraTip is provided with a distinct laser marking to stand out from the white surroundings in the practice.

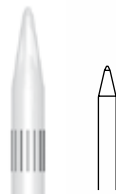
CeraTip - 是解剖和电外科学的一项理想补充

The CeraTip, 由Sami Sandhaus博士的科学建议研发, 作为典型被应用于各部分的粘膜手术中, 例如暴露骨髓种植和种植牙, 冠预备后的槽沟扩张, 牙颈部或息肉切除处的深龋蛀暴露

优点:

- 在组织修形的过程中减少出血
- 无金属, 因此生物相容性好, 抗腐蚀
- 耐用的一件式构造, 在其他组织修整的过程中, 工作尖不会过早地从金属支架上掉落
- 符合人体工程学的器械-由于没有金属支架, 因此CeraTip可满足所有的手术需求。

① CeraTip上设置了一个激光标记, 这样可以在操作过程中将白色的背景突显出来



KT



尺寸 · Size	Ø 1/10 mm	016
-----------	-----------	-----

FG · Friction Grip (FG)



KT.314. ...

016

实用新型专利, 专利/Utility model, patents
GM 20 2007 006 415
EP 1 987 798

陶瓷工作尖
Ceramic tip

4561.314



CeraTip-初学者套装
CeraTip-Starter Set



KT.314.016 2





PolyBur®
PolyBur®



圆头车针
Round bur

65



Polymer  树脂车针

PolyBur® 64 - 65 PolyBur®



PolyBur®

PolyBur®

Polymer instrument for excavation

In close collaboration with Prof. Dr. Kunzelmann of the Ludwig-Maximilians University of Munich, we have developed a round bur made of polymer. This bur is based on the concept of a self-limiting caries treatment.

What does that actually mean? The material hardness of the PolyBur® does not allow an excessive preparation.

Once all soft, carious dentin has been removed, the instrument automatically blunts on hard, healthy dentin - in other words, it limits itself.

Attention: The P1 is used in addition to conventional instruments whenever excavation is to take place in the vicinity of the pulp.

The peripheral parts are first treated with standard round burs (for example with tungsten carbide burs or with the CeraBur K1SM which - although it allows tactile work - is a lot harder than the P1). This is followed by the P1 which is ideally suited for minimally invasive excavation near the pulp.



Polymer 去腐用器械

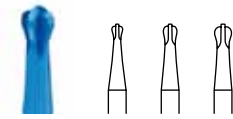
在与慕尼黑Ludwig-Maximilians大学的Kunzelmann教授的紧密合作下，我们研发出了一款树脂圆头车针，这款车针的设计是基于自限性去腐治疗理念。

什么叫自限性？PolyBur的硬度不能做过度预备。只能去除被腐蚀的釉质层，当遇到坚硬的，健康的牙本质时，它会自动停止工作—换言之，就是自限性。

注意：P1用于常规器械使用之后，在牙髓周围进行去腐操作。

边缘部分应首先用标准圆头车针（例如，使用钨钢车针或CeraBur K1SM-尽管操作时有感觉的-硬度更胜于P1）。这是在P1之后使用的，适用于牙髓附近的微创去腐。

new



P 1



		10	10	10
尺寸 · Size	Ø 1/10 mm	014	018	023

RA · Right-angle (RA)



P1.204. ...

014 018 023

⊙_{max} 8000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents

DE 10 2008 010 049

EP 2 260 787*

* 申请中/* pending

圆头, 树脂车针, 已消毒, 一次性使用

Round bur, polymer, ready to use, disposable



new

4608.204










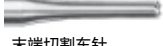
PolyBur® 初学者套装, 25支装, 已消毒

PolyBur® Starter set, 25 instruments, ready to use



P1.204.014	10		
P1.204.018	10		
P1.204.023	5		



车针
Burs

	圆形 Round	68-70
	圆柱形 Cylinder round	70-71
	锥形圆头 Tapered round	72
	梨形 Pear	72-73
	窝沟用车针 Fissure bur	73
	倒锥形 Inverted cone	74
	柱形 Cylinder	74-75
	锥形 Tapered	75-77
	末端切割车针 End cutting bur	77








冠切割
Crown cutters

	用于烤瓷熔附金属冠 For porcelain-fused-to-metal crowns	78-79
	用于金属冠 For metal crowns	80













去除银汞
Amalgam remover

		81
---	--	----




Q系列抛光
Q-Finishers

		
		
		
		
		
		
		82-84




抛光器械
Finishing instruments

	圆形 Round	85
	火焰形 Flame	85
	梨形 Pear	85
	鱼雷形 Torpedo	85-86
	鱼雷锥形 Torpedo tapered	87
	圆柱形 Cylinder with rounded edge	88
	圆锥形 Tapered round	88
	锥形尖 Tapered pointed	89-91
	火焰形 Flame	92
	针形 Needle	93
	蛋形/足球形 Egg/Football	94
	手榴弹形 Grenade	95

用于口内的钛
Intraoral work on titanium

	圆锥形 Tapered round	97
	圆边锥形 Tapered with rounded edge	97
	蛋形/足球形 Egg/Football	97

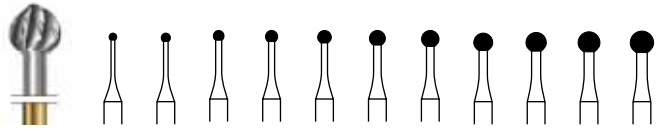
冠预备
Crown preparation

	圆柱形 Cylinder round	99
	圆锥形 Tapered round	99
	鱼雷锥形 Torpedo tapered	99

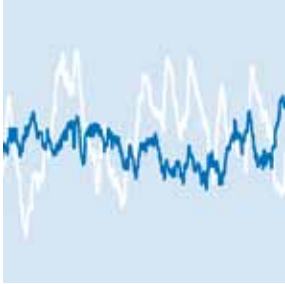


Tungsten carbide **钨钢**

<i>Burs</i>	68 - 77	车针
<i>Crown cutters</i>	78 - 80	牙冠切割片
<i>Amalgam remover</i>	81	银汞清除车针
<i>Finishing instruments</i>	82 - 95	精修器械
<i>Intraoral work on titanium</i>	96 - 97	口腔内钛金属修磨
<i>Crown preparation</i>	98 - 99	冠预备



H 1 SEM



		5	5	5	5	5	5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016	018	021	023	025	027	029	031

RA · Right-angle (RA)



H1SEM.204. ...	010	012	014	016	018	021	023	025	027	029	031
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RAL · Right-angle long (RAL)



H1SEM.205. ...	010	012	014	016	018	021	023	-	027	-	-
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⊙_{max} 100000 min⁻¹/rpm

球钻具有交错齿的高切割效率设计，用于除龋改良型为细颈

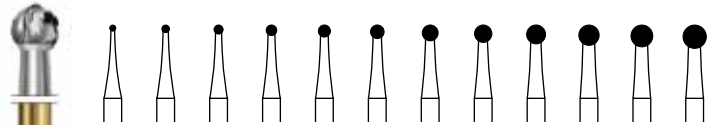
Round

Staggered tothing with high-efficiency cutting design for excavating

Slim neck for improved vision

相较于传统圆头车针，H1SE/H1SEM更能够减少振动

Reduced vibration H1SE/H1SEM compared to conventional round burs



H 1 SE



		5	5	5	5	5	5	5	5	5	5	5	
尺寸 · Size	∅ 1/10 mm	008	010	012	014	016	018	021	023	025	027	029	031
美国编号		1SE	2SE	3SE	4SE	5SE	6SE	7SE	8SE	-	-	-	-

RA · Right-angle (RA)



H1SE.204. ...	008	010	012	014	016	018	021	023	025	027	029	031
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RAL · Right-angle long (RAL)



H1SE.205. ...	-	010	-	014	-	018	-	023	-	027	-	-
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⊙_{max} 100000 min⁻¹/rpm

球钻具有交错齿的高切割效率设计，用于除龋

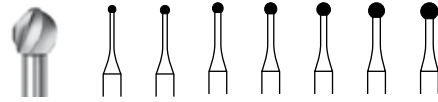
Round

Staggered tothing with high-efficiency cutting design for excavating

窝洞预备
圆形
Cavity preparation
Round



窝洞预备
圆形
Cavity preparation
Round



H 1 SM



		5	5	5	5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	010	012	014	016	018	021	023	
美国编号		2SM	3SM	4SM	5SM	6SM	7SM	8SM	

FG - Friction Grip (FG)



H1SM.314. ...	-	-	■014	-	-	-	-	-	-
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RA - Right-angle (RA)



H1SM.204. ...	■010	■012	■014	■016	■018	■021	■023		
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RAL - Right-angle long (RAL)



H1SM.205. ...	■010	-	■014	-	■018	-	■023		
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■ = \odot_{max} 100000 min⁻¹/rpm

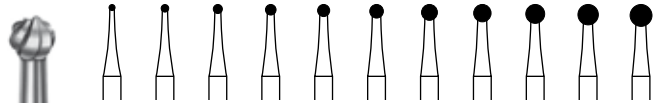
■ = \odot_{max} 160000 min⁻¹/rpm

球钻用于除龋的高切割效率设计细颈改良型, 改善视野

Round

High-efficiency cutting design for excavating

Slim neck for improved vision



H 1 S



		5	5	5	5	5	5	5	5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	008	010	012	014	016	018	021	023	025	027	029	
美国编号		1S	2S	3S	4S	5S	6S	7S	8S	-	10S	-	

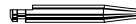
FG - Friction Grip (FG)



500 314 001003 ...

H1S.314. ...	-	010	012	014	016	018	+021	+023	-	-	027		
---------------------	---	-----	-----	-----	-----	-----	------	------	---	---	-----	--	--

RA - Right-angle (RA)



500 204 001003 ...

H1S.204. ...	■008	■010	■012	■014	■016	■018	■021	■023	■025	■029	■027		
---------------------	------	------	------	------	------	------	------	------	------	------	------	--	--

RAL - Right-angle long (RAL)



500 205 001003 ...

H1S.205. ...	-	■010	-	■014	-	■018	-	■023	-	-	■027		
---------------------	---	------	---	------	---	------	---	------	---	---	------	--	--

■ = \odot_{max} 100000 min⁻¹/rpm

■ = \odot_{max} 160000 min⁻¹/rpm

+ = \odot_{max} 300000 min⁻¹/rpm

圆形

高效切割去腐设计

加长版手柄用于口腔牙周和外科, 请见H141, 第319页

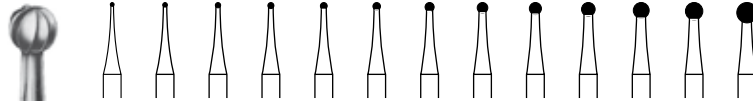
Round

High-efficiency cutting design for excavating

Extra long shank version for periodontal and surgical applications, see H141, page 319



H 1



		5	5	5	5	5	5	5	5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	005	006	007	008	009	010	012	014	016	018	021	023	027
美国编号		1/4	1/2	3/4	1	1 1/2	2	3	4	5	6	7	8	10

FG · Friction Grip (FG)



500 314 001001 ...

H1.314. ...

005	006	007	008	009	010	012	014	016	018	+021	+023	027
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	-----

FGXL · Friction Grip extra-long (FGXL)



500 316 001001 ...

H1.316. ...

-	-	-	-	-	010	012	014	016	018	-	023	-
---	---	---	---	---	-----	-----	-----	-----	-----	---	-----	---

RA · Right-angle (RA)



500 204 001001 ...

H1.204. ...

005	006	007	008	009	010	012	014	016	018	021	023	027
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

RAL · Right-angle long (RAL)



500 205 001001 ...

H1.205. ...

-	-	-	-	-	010	-	014	016	018	-	023	-
---	---	---	---	---	-----	---	-----	-----	-----	---	-----	---

■ = \odot_{max} 100000 min⁻¹/rpm

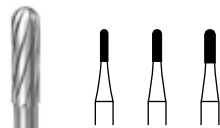
▣ = \odot_{max} 160000 min⁻¹/rpm

+ = \odot_{max} 300000 min⁻¹/rpm

球钻

Round

H 21 R



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014
L	mm	4,2	4,2	4,2
美国编号		1157	1158	1159

FG · Friction Grip (FG)



500 314 137006 ...

H21R.314. ...

010	012	014
-----	-----	-----

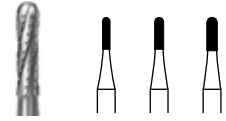
柱形，圆头

Cylinder, round



窝洞预备
圆形末端车针
Cavity preparation
Bur with round end

H 31 R



		5	5	5
尺寸 · Size	Ø 1/10 mm	010	012	014
L	mm	4,2	4,2	4,4
美国编号		1557	1558	1559

FG · Friction Grip (FG)



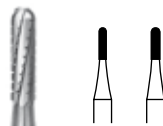
500 314 137007 ...

H31R.314. ...

010 012 014

带有横切刃齿的圆头柱形
Cylinder round with cross cut

H 31 RS



		5	5
尺寸 · Size	Ø 1/10 mm	010	012
L	mm	4,2	4,2
美国编号		1557	1558

FG · Friction Grip (FG)



500 314 137292 ...

H31RS.314. ...

010 012

突出的顶端横跨刃带来了高切割效率
High cutting efficiency due to a pronounced tip-transversing blade

H 249 M



		5
尺寸 · Size	Ø 1/10 mm	007
L	mm	2,7

FG · Friction Grip (FG)



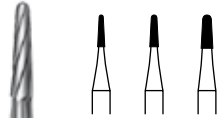
H249M.314. ...

007

⊙_{max} 160000 min⁻¹/rpm
细颈改良型，改善视野
Slim neck for improved vision



H 23 R



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	016
L	mm	4,2	4,2	4,4
美国编号		1170	1171	1172

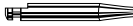
FG · Friction Grip (FG)



500 314 194006 ...

H23R.314. ... 010 012 016

RA · Right-angle (RA)



500 204 194006 ...

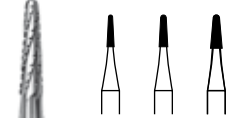
H23R.204. ... - 012 016

■ = ∅_{max.} 100000 min⁻¹/rpm

圆头截锥形

Tapered with round end

H 33 R



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	016
L	mm	4,2	4,2	4,4
美国编号		1700	1701	1702

FG · Friction Grip (FG)



500 314 194007 ...

H33R.314. ... 010 012 016

FGXL · Friction Grip extra-long (FGXL)



500 316 194007 ...

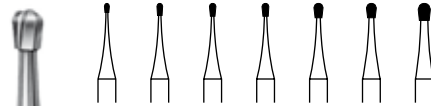
H33R.316. ... - - 016

■ = ∅_{max.} 100000 min⁻¹/rpm

带有圆头和横切刃齿的截锥形

Tapered with round end and cross cut

H 7



		5	5	5	5	5	5	
尺寸 · Size	∅ 1/10 mm	006	008	009	010	012	014	018
L	mm	1,3	1,7	1,8	1,75	1,8	1,85	2,4
美国编号		329	330	-	331	332	333	-

短柄高速 · Friction Grip short (FGS)



500 313 232001 ...

H7.313. ... - 008 - - - - -

FG · Friction Grip (FG)



500 314 232001 ...

H7.314. ... 006 008 009 010 012 014 018

RA · Right-angle (RA)



500 204 232001 ...

H7.204. ... - 008 - 010 - 014 -

■ = ∅_{max.} 100000 min⁻¹/rpm

梨形

Pear



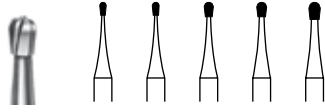
窝洞预备

梨形

Cavity preparation

Pear

H 7 S



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016
L	mm	1,8	1,8	1,8	1,85	2,1
美国编号		330 1/2S	331S	332S	333S	-

FG - Friction Grip (FG)



500 314 232003 ...

	H7S.314. ...	009	010	012	014	016
--	---------------------	------------	------------	------------	------------	------------

梨形用于除龋的高切割效率设计

Pear

High-efficiency cutting design for excavating

H 7 SM



		5
尺寸 · Size	∅ 1/10 mm	009
L	mm	2,7

FG - Friction Grip (FG)



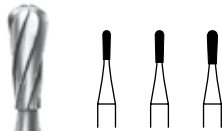
	H7SM.314. ...	009
--	----------------------	------------

⊙_{max.} 160000 min⁻¹/rpm

梨形用于除龋的高切割效率设计改良型为细颈
Pear

High-efficiency cutting design for excavating
Slim neck for improved vision

H 7 L



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014
L	mm	3,8	4,2	4,4
美国编号		331L	332L	333L

FG - Friction Grip (FG)



500 314 234006 ...

	H7L.314. ...	010	012	014
--	---------------------	------------	------------	------------

梨形, 长

Pear, long

H 245



		5	5
尺寸 · Size	∅ 1/10 mm	008	014
L	mm	2,8	2,8
美国编号		245	-

FG - Friction Grip (FG)



500 314 233006 ...

	H245.314. ...	008	014
--	----------------------	------------	------------

梨形

Pear

H 59



		5
尺寸 · Size	∅ 1/10 mm	010
L	mm	2,5

FGS - Friction Grip short (FGS)



	H59.313. ...	010
--	---------------------	------------

FG - Friction Grip (FG)



	H59.314. ...	010
--	---------------------	------------

微创磨开窝沟用的牙裂钻, 尖端有切割力

Fissure bur for minimally invasive opening of fissures,
cutting tip



H 2



窝洞预备
倒锥形
Cavity preparation
Inverted cone



		5	5	5	5	5	5	5	
尺寸 · Size	Ø 1/10 mm	006	008	009	010	012	014	016	018
L	mm	0,5	0,9	1,0	1,1	1,2	1,4	1,6	1,7
美国编号		33 1/2	34	34 1/2	35	36	37	38	39

FG · Friction Grip (FG)



500 314 010006 ...

H2.314. ...

006 008 009 010 012 014 016 018

RA · Right-angle (RA)



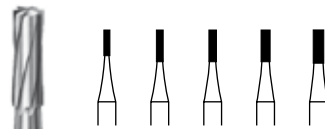
500 204 010006 ...

H2.204. ...

006 008 - 010 012 014 016 018

■ = ○_{max.} 100000 min¹/rpm

倒锥形
Inverted cone



H 21



		5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	008	009	010	012	014
L	mm	3,4	4,2	4,2	4,2	4,4
美国编号		55	56	57	58	59

FG · Friction Grip (FG)

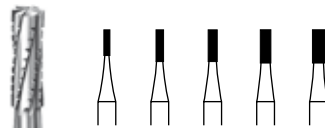


500 314 107006 ...

H21.314. ...

008 009 010 012 014

圆柱形, 短
Cylinder



H 31



		5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	008	010	012	014	016
L	mm	3,4	4,2	4,2	4,4	4,4
美国编号		555	557	558	559	560

FG · Friction Grip (FG)



500 314 107007 ...

H31.314. ...

008 010 012 014 016

RA · Right-angle (RA)



500 204 107007 ...

H31.204. ...

- 010 012 014 016

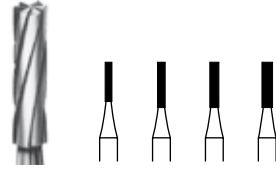
■ = ○_{max.} 100000 min¹/rpm

带有横切刃齿的圆柱形
Cylinder with cross cut



窝洞预备
错齿切割
Cavity preparation
With cross cut

H 21 L



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014
L	mm	5,2	6,0	6,0	6,0
美国编号		56L	57L	58L	59L

FG · Friction Grip (FG)



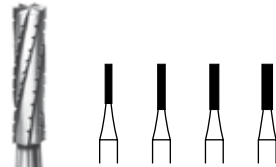
500 314 110006 ...

H21L.314. ...

009 010 012 014

圆柱形, 长
Cylinder, long

H 31 L



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014
L	mm	5,2	6,0	6,0	6,0
美国编号		556L	557L	558L	559L

FG · Friction Grip (FG)



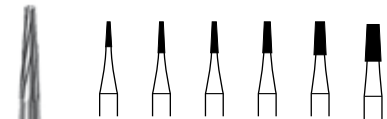
500 314 110007 ...

H31L.314. ...

009 010 012 014

带有横切刃齿的长圆柱形
Cylinder long with cross cut

H 23



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	008	009	010	012	016	021
L	mm	3,4	4,2	4,2	4,2	4,4	4,8
美国编号		168	169	170	171	172	173

FG · Friction Grip (FG)



500 314 168006 ...

H23.314. ...

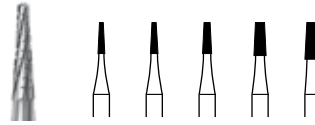
008 009 010 012 016 +021

+ = \odot_{max} 300000 min⁻¹/rpm

截锥形
Tapered



窝洞预备
锥形车针
Cavity preparation
Tapered burs



H 33



		5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	009	010	012	016	021
L	mm	4,2	4,2	4,2	4,4	4,8
美国编号		699	700	701	702	703

FG · Friction Grip (FG)



500 314 168007 ...

H33.314. ...

009 010 012 016 -

RA · Right-angle (RA)

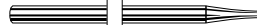


500 204 168007 ...

H33.204. ...

- - 012 - -

HP柄 · Handpiece (HP)



500 104 168007 ...

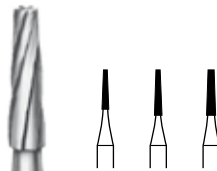
H33.104. ...

009 010 012 016 021

■ = \odot_{max} 100000 min⁻¹/rpm

带有横切刃齿的截锥形

Tapered with cross cut



H 23 L



		5	5	5
尺寸 · Size	Ø 1/10 mm	009	010	012
L	mm	5,2	6,0	6,0
美国编号		169L	170L	171L

FG · Friction Grip (FG)



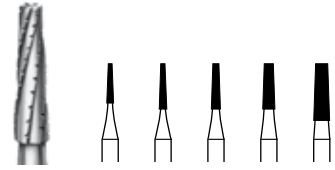
500 314 171006 ...

H23L.314. ...

009 010 012

长截锥形

Tapered, long



H 33 L



		5	5	5	5	5
尺寸 · Size	∅ $\frac{1}{10}$ mm	009	010	012	016	021
L	mm	5,2	6,0	6,0	6,0	7,5
美国编号		699L	700L	701L	702L	703L

FG · Friction Grip (FG)



500 314 171007 ...

H33L.314. ...

009 010 012 016 +021

FGXL · Friction Grip extra-long (FGXL)



500 316 171007 ...

H33L.316. ...

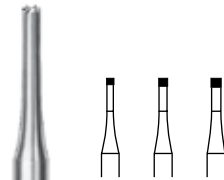
- 010 012 016 -

■ = $\odot_{\max.}$ 100000 min⁻¹/rpm

+ = $\odot_{\max.}$ 300000 min⁻¹/rpm

带有横切刃齿的长截锥形

Tapered long with cross cut



H 207



		5	5	5
尺寸 · Size	∅ $\frac{1}{10}$ mm	010	012	014
美国编号		957	958	959

FG · Friction Grip (FG)



500 314 150001 ...

H207.314. ...

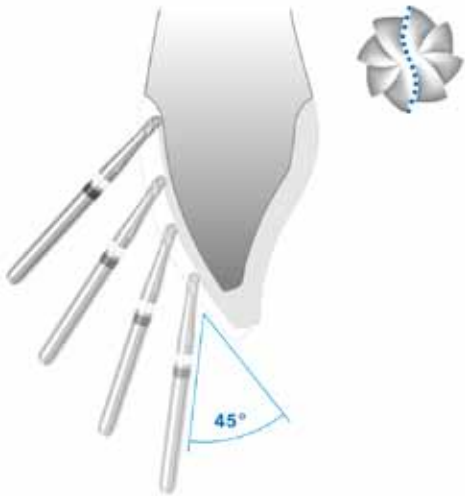
010 012 014

端切车针，用于采用837/837L系列金刚砂器械预备有角肩台后磨低颈缘，或用来在窝洞内形成平坦底面

End-cutting bur for lowering the preparation limit following shoulder preparation with 837/837L diamond series or for creating a flat preparation floor in the cavity



破冠



Crown Cutters

H4MC – the crown cutter for metal and ceramics

Designed for quick and efficient cutting of crowns made of metal alloys, titanium and veneers made of low-fusion ceramics without instrument change.

Product characteristics and advantages

Due to its special “D” type tothing, the H4MC enables quick cutting of crowns and bridges made of all popular metal alloys without problems. Large chip spaces permit quick chip removal and prevent clogging, especially when cutting soft alloys with gold content. H4MC is ideally suited for thin ceramic veneers, too.

A further distinct feature is the tip-transversing blade permitting easy penetration of the material to be cut.

For cutting all-ceramic crowns and bridge frames made of extremely hard ceramics, as for example zirconium oxide ceramics, we recommend the crown cutter for ZrO₂: 4ZR.314.012/014.

H4MC – 破金属和陶瓷冠

设计用于快速高效的切割金属合金，钛合金和低陶瓷融合物的贴面，无需更换器械。

产品特点和优点

特殊的D形锯齿，易于快速切割合金材料制成的冠桥。排屑槽宽大，特别当切割合金的软质合金时，能快速排出碎屑，以免堵塞。H4MC同样适用于切割薄的烤瓷贴面。

另一个明显的特征是，横向刀纹的工作尖可轻易的渗透进需要切割的材料。

切割特别坚硬的陶瓷全瓷冠和桥结构，例如二氧化锆陶瓷，我们建议用二氧化锆冠切割：4ZR.314.012/014。



● H 4 MC



		5	5
尺寸 · Size	∅ 1/10 mm	010	012
L	mm	2,0	2,0

FG · Friction Grip (FG)



H4MC.314. ...

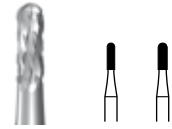
010 012

用于陶瓷熔附牙冠和金属牙冠以45°使用破冠车针对于极为坚硬的陶瓷，例如二氧化锆，应使用我公司生产的ZR系列金刚砂器械

For porcelain-fused-to-metal crowns and metal crowns Apply crown remover at an angle of 45° (For extremely hard ceramics, as for example zirconium, use 4ZR-Diamond)



金属/陶瓷
冠切割
Metal/Ceramic
Crown cutter



● H 4 MCL



		5	5
尺寸 · Size	∅ $\frac{1}{10}$ mm	010	012
L	mm	3,5	3,5

FG - Friction Grip (FG)

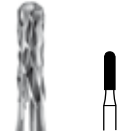


● H4MCL.314. ...

010 012

用于陶瓷熔附牙冠和金属牙冠以45°使用破冠车针对于极为坚硬的陶瓷，例如二氧化锆，应使用我公司生产的ZR系列金刚砂器械

For porcelain-fused-to-metal crowns and metal crowns
Apply crown remover at an angle of 45°
(For extremely hard ceramics, as for example zirconium, use 4ZR-Diamond)



● H 4 MCXL



		5
尺寸 · Size	∅ $\frac{1}{10}$ mm	014
L	mm	5,0

FG - Friction Grip (FG)



● H4MCXL.314. ...

014

用于陶瓷熔附牙冠和金属牙冠以45°使用破冠车针（对于极为坚硬的陶瓷，例如二氧化锆，应使用我公司生产的ZR系列金刚砂器械）

For porcelain-fused-to-metal crowns and metal crowns
Apply crown remover at an angle of 45°
(For extremely hard ceramics, as for example zirconium, use 4ZR-Diamond)



● H 4 MCXXL



		5
尺寸 · Size	∅ $\frac{1}{10}$ mm	014
L	mm	8,0

FG - Friction Grip (FG)



● H4MCXXL.314. ...

014

max. 300000 min⁻¹/rpm

用于陶瓷熔附牙冠和金属牙冠以45°使用破冠车针（对于极为坚硬的陶瓷，例如二氧化锆，应使用我公司生产的ZR系列金刚砂器械）

For porcelain-fused-to-metal crowns and metal crowns
Apply crown remover at an angle of 45°
(For extremely hard ceramics, as for example zirconium, use 4ZR-Diamond)



金属冠

Metal crowns

new



● **H 35 L**



		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	3,7

FG · Friction Grip (FG)



● **H35L.314. ...** 012

用于金属冠 以45°使用破冠车针
For metal crowns
Apply crown remover at an angle of 45°

●● **H 34**



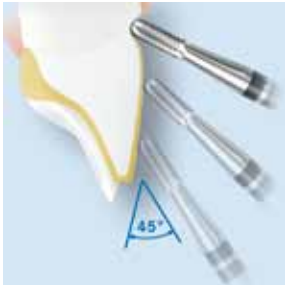
		5	5
尺寸 · Size	Ø 1/10 mm	010	012
L	mm	2,0	2,0

FG · Friction Grip (FG)



500 314 138008 ...
●● **H34.314. ...** 010 012

用于金属冠以45°使用破冠车针
For metal crowns
Apply crown remover at an angle of 45°



金属
冠切割
Metal
Crown cutters

●● **H 34 L**



		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	3,5

FG · Friction Grip (FG)



500 314 139008 ...
●● **H34L.314. ...** 012

用于金属牙冠以45°使用破冠车针
For metal crowns
Apply crown remover at an angle of 45°

H 40



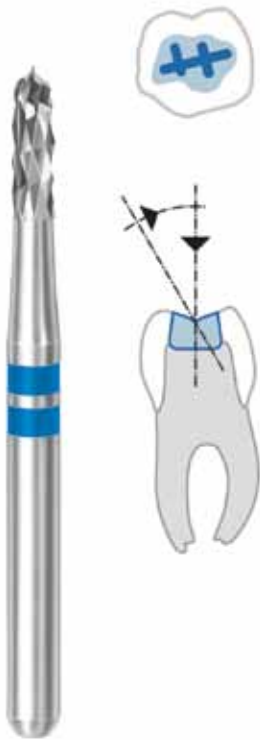
		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	4,0

FG · Friction Grip (FG)



500 314 139008 ...
H40.314. ... 012

用于金属牙冠以45°使用破冠车针
For metal crowns
Apply crown remover at an angle of 45°



银汞清除车针

Amalgam remover

Besides the aspect of health protection during the removal of insufficient amalgam fillings, special emphasis has been placed above all on keeping the treatment time as short as possible. The H32 has been developed as a specialised instrument for this very purpose.

- Distinctive tip transversing blade for optimal axial drilling ability, low resistance to penetration and a large chip space
- Tothing with a pyramid-shaped cutting tip
- Clearly defined chip spaces for high efficient cutting of amalgam and proper removal of the debris

除了保护患者健康以外，清除残旧银汞的过程中，特别强调的是尽可能的缩短治疗时间。H32就是为了实现这项目标特别研发的。

- 出色的轴向钻削能力，并能确保具有很低的穿透阻力，排屑空间大。
- 带有金字塔形的切削顶部
- 清楚明确的排屑空间更好的作用于高效切割银汞和适当的清除残留物



高效的清除银汞

Amalgam remover
for efficient work

●● H 32



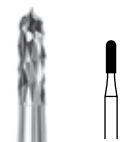
		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	4,2

FG · Friction Grip (FG)

●● H32.314. ...

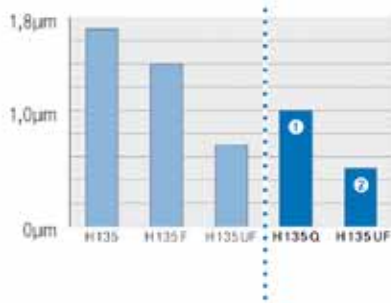
012

银汞清除车针
Amalgam remover





Q-Finishers



Q-Finishers

Q-Finishers for efficient working on composite and optimal results

Up to now, working on composite fillings required 3 finishing steps (with normal, fine and ultra-fine finishing instruments). Due to the development of an innovative toothing the procedure can now be reduced to just 2 steps.

Step ① Q-Finisher (eg. H135Q)

Step ② ultra-fine finishing instrument (eg. H135UF)

Advantages:

- Time saving because one step can be omitted
- Cost saving because one instrument can be omitted
- Already after the first finishing step a better surface quality can be achieved than previously after the second step. This is due to the cross-cut toothing specially designed for working on fillings
- The instruments H134Q, H135Q and H50AQ with their smooth non-cutting tip assure gentle finishing without damage to the gingiva

Q-Finishers 高效的工作于树脂并取得理想效果

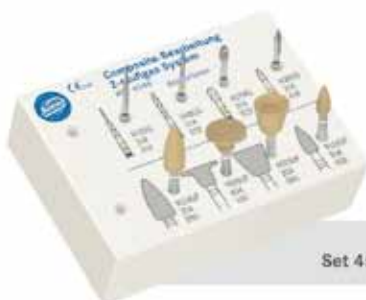
到目前为止，精细修磨符合树脂填充材料需要三个精修步骤（分别采用常规车针，精细车针和超精细车针）

第一步，Q系列精修车针抛光（例如 H135Q）

第二步，超精细抛光车针（例如，H135UF）

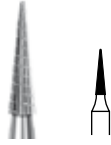
优点：

- 省略了一个步骤，因此可以节省时间
- 省略了一支车针，因此可以降低成本
- 通常，第一个精修步骤的完成所获得的表面质量就已经优于先前第二个步骤完成后的表面质量。这得益于其专门设计，用来加工复合树脂材料的交错打磨锯齿
- 圆锥形器械H134Q和H135Q，具有光滑的无刃安全尖部，确保能够平缓精修，不会损伤牙龈



Set 4546

H 134 Q



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	6,0
特殊名称 · Special name		FS6Q

FG · Friction Grip (FG)



H134Q.314. ... 014

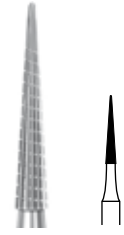
唇侧用
Labial



复合树脂
用Q-Finishers精修/抛光

Composite
Trimming/Finishing with
Q-Finishers

H 135 Q



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	9,0
特殊名称 · Special name		FS9Q

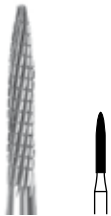
FG · Friction Grip (FG)



H135Q.314. ... 014

⊖_{max.} 300000 min⁻¹/rpm
唇侧用
Labial

H 48 LQ



		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	8,0

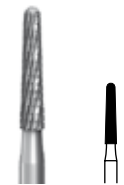
FG · Friction Grip (FG)



H48LQ.314. ... 012

⊖_{max.} 300000 min⁻¹/rpm
唇侧用
Labial

H 375 RQ



		5
尺寸 · Size	Ø 1/10 mm	016
L	mm	8,0
角度 · Angle	α	2°

FG · Friction Grip (FG)

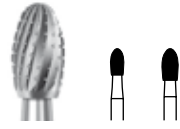


H375RQ.314. ... 016

唇侧用
Labial



H 379 Q



		5	5
尺寸 · Size	∅ 1/10 mm	018	023
L	mm	3,5	4,2

FG - Friction Grip (FG)



H379Q.314. ... 018 +023

+ = \bigcirc_{\max} 300000 min⁻¹/rpm
腭侧/咬合面用
Palatal/Occlusal

H 246 Q



		5
尺寸 · Size	∅ 1/10 mm	009
L	mm	3,7

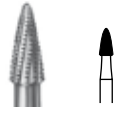
FG - Friction Grip (FG)



H246Q.314. ... 009

咬合面用尖端有切割力
Occlusal
Cutting tip

H 390 Q



		5
尺寸 · Size	∅ 1/10 mm	018
L	mm	3,6

FG - Friction Grip (FG)



500 314 274075 ...

H390Q.314. ... 018

\bigcirc_{\max} 300000 min⁻¹/rpm
咬合面尖端有切割力
Occlusal
Cutting tip

H 50 AQ



		5
尺寸 · Size	∅ 1/10 mm	010
L	mm	6,0

FG - Friction Grip (FG)



H50AQ.314. ... 010

用于临间
Interproximal

H 41



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	014	018	023	027
美国编号		7004	7006	7008	7009

FG - Friction Grip (FG)



500 314 001071 ...

H41.314. ... 014 018 +023 027

RA - Right-angle (RA)

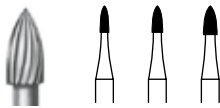


500 204 001071 ...

H41.204. ... 014 018 023 027

■ = \bigcirc_{\max} 100000 min⁻¹/rpm
■ = \bigcirc_{\max} 160000 min⁻¹/rpm
+ = \bigcirc_{\max} 300000 min⁻¹/rpm
球钻根据尺寸不同, 具备12-24刃
Round
12-24 blades depending on size

H 46



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	018
L	mm	3,5	3,5	3,8
美国编号		7102	7104	7106

FG - Friction Grip (FG)



500 314 254072 ...

H46.314. ... 012 014 018

火焰形12刃, 标准
Flame
12 blades, normal



H 47 L



		5	5
尺寸 · Size	Ø 1/10 mm	012	014
L	mm	4,2	4,4
美国编号		7303	7304

FG · Friction Grip (FG)



500 314 234072 ...

H47L.314. ... 012 014

梨形, 长12刃, 标准
Pear, long
12 blades, normal



H 281



		5	
尺寸 · Size	Ø 1/10 mm	009	
L	mm	5,0	

FG · Friction Grip (FG)



500 314 287072 ...

H281.314. ... 009

鱼雷形, 短与876金刚砂车针系列匹配8刃, 标准
Torpedo, short
Matches 876 diamond series
8 blades, normal



H 282



		5	5
尺寸 · Size	Ø 1/10 mm	010	012
L	mm	6,0	6,0

FG · Friction Grip (FG)



500 314 288072 ...

H282.314. ... 010 012

平行无角肩台型, 鱼雷形与877金刚砂车针系列匹配
根据尺寸带有8-10刃
Parallel chamfer, torpedo
Matches 877 diamond series
8-10 blades depending on size



H 283



		5	5	5
尺寸 · Size	Ø 1/10 mm	010	012	014
L	mm	8,0	8,0	8,0

FG · Friction Grip (FG)



500 314 289072 ...

H283.314. ... +010 +012 +014

RA · Right-angle (RA)



500 204 289072 ...

H283.204. ... - 012 -

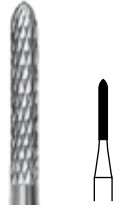
■ = \odot_{\max} 100000 min⁻¹/rpm

+ = \odot_{\max} 300000 min⁻¹/rpm

平行无角肩台型, 鱼雷形与878金刚砂系列车针匹配
根据尺寸具有8-12刃
Parallel chamfer, torpedo
Matches 878 diamond series
8-12 blades depending on size



H 283 E



		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	8,0

FG · Friction Grip (FG)



500 314 289080 ...

H283E.314. ... 012

H 284



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	10,0

FG · Friction Grip (FG)



500 314 290072 ...

H284.314. ... 014

86

○_{max} 300000 min⁻¹/rpm

用于修整非贵金属和丙烯酸树脂制成的临时修复体
10刃, 标准

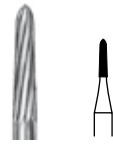
For trimming temporary appliances made of non-precious
metal and acrylics
10 blades, normal

○_{max} 300000 min⁻¹/rpm

平行无角肩台型, 鱼雷形与879金刚砂车针系列匹配
12刃, 标准

Parallel chamfer, torpedo
Matches 879 diamond series
12 blades, normal

H 281 K



		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	5,0
角度 · Angle	α	2°

FG · Friction Grip (FG)



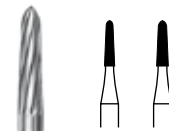
500 314 296072 ...

H281K.314. ... 012

截锥形无角肩台型, 鱼雷形与876K金刚砂车针系列
匹配8刃, 标准

Tapered chamfer, torpedo
Matches 876K diamond series
8 blades, normal

H 282 K



		5	5
尺寸 · Size	Ø 1/10 mm	014	016
L	mm	6,0	6,0
角度 · Angle	α	2°	2°

FG · Friction Grip (FG)



500 314 297072 ...

H282K.314. ... 014 016

RA · Right-angle (RA)



500 204 297072 ...

H282K.204. ... 014 016

■ = ○_{max} 100000 min⁻¹/rpm

截锥形无角肩台型, 鱼雷形与877K金刚砂车针系列
匹配根据尺寸带有8-10刃

Tapered chamfer, torpedo
Matches 877K diamond series
8-10 blades depending on size



H 283 K



		5	5
尺寸 · Size	∅ 1/10 mm	016	021
L	mm	8,0	8,0
角度 · Angle	α	2°	2°

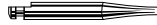
FG - Friction Grip (FG)



500 314 298072 ...

H283K.314. ... 016 +021

RA - Right-angle (RA)



500 204 298072 ...

H283K.204. ... 016 021

■ = \odot_{max} 100000 min⁻¹/rpm
+ = \odot_{max} 300000 min⁻¹/rpm

截锥形无角肩台型，鱼雷形与878K金刚砂车针系列
匹配根据尺寸带有10-12刃
Tapered chamfer, torpedo
Matches 878K diamond series
10-12 blades depending on size



H 284 K



		5	
尺寸 · Size	∅ 1/10 mm	018	
L	mm	10,0	
角度 · Angle	α	2°	

FG - Friction Grip (FG)



500 314 299072 ...

H284K.314. ... 018

\odot_{max} 300000 min⁻¹/rpm

截锥形无角肩台型，鱼雷形与879K金刚砂车针系列
匹配12刃，标准

Tapered chamfer, torpedo
Matches 879K diamond series
12 blades, normal



H 297



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	8,0

FG - Friction Grip (FG)



500 314 158072 ...

H297.314. ... 012

\odot_{max} 300000 min⁻¹/rpm

平行有角肩台型，边缘圆化与837K金刚砂车针系列
匹配10刃，标准

Parallel shoulder, rounded edge
Matches 837KR diamond series
10 blades, normal



H 336



		5	5	5
尺寸 · Size	∅ 1/10 mm	016	018	021
L	mm	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°

FG - Friction Grip (FG)



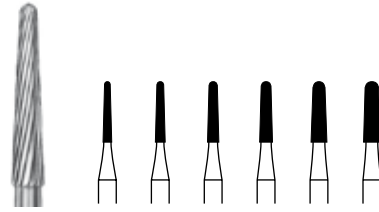
500 314 546072 ...

H336.314. ... 016 018 +021

+ = \odot_{max} 300000 min⁻¹/rpm

截锥形肩台型，边缘圆化与847KR系列金刚砂匹配
12刃，标准

Tapered shoulder, rounded edge
Matches 847KR diamond series
12 blades, normal



● **H 375 R**



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021	023
L	mm	8,0	8,0	8,0	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°	2°	2°	2°
美国编号		7653	7664	7675	7686	-	-

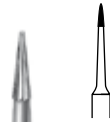
FG · Friction Grip (FG)



500 314 198072 ...

● **H375R.314. ...** +012 +014 016 018 +021 +023

+ = \odot_{\max} 300000 min⁻¹/rpm
截锥形无角肩台型，圆头与856金刚砂车针系列匹配
12刃，标准
Tapered chamfer, round
Matches 856 diamond series
12 blades, normal



● **H 132**



		5
尺寸 · Size	∅ 1/10 mm	008
L	mm	3,0
特殊名称 · Special name		FS3

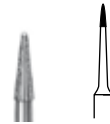
FG · Friction Grip (FG)



500 314 699071 ...

● **H132.314. ...** 008

\odot_{\max} 300000 min⁻¹/rpm
与8955/FSD3F金刚砂车针系列匹配8刃，标准，尖端无切割力
Matches 8955/FSD3F diamond series
8 blades, normal, safe end



● **H 132 F**



		5
尺寸 · Size	∅ 1/10 mm	008
L	mm	3,0
特殊名称 · Special name		FS3F

FG · Friction Grip (FG)



500 314 699041 ...

● **H132F.314. ...** 008

\odot_{\max} 300000 min⁻¹/rpm
与955EF/FSD3EF金刚砂车针系列匹配16刃，细，尖端无切割力
Matches 955EF/FSD3EF diamond series
16 blades, fine, safe end



○ **H 132 UF**



		5
尺寸 · Size	∅ 1/10 mm	008
L	mm	3,0
特殊名称 · Special name		FS3UF

FG · Friction Grip (FG)

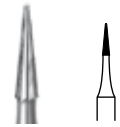


500 314 699031 ...

○ **H132UF.314. ...** 008

\odot_{\max} 300000 min⁻¹/rpm
与955UF/FSD3UF金刚砂车针系列匹配30刃，超细，尖端无切割力
Matches 955UF/FSD3UF diamond series
30 blades, ultra-fine, safe end

冠预备
抛光冠核
Crown preparation
Finishing crown cores



● **H 133**



		5
尺寸 · Size	∅ 1/10 mm	010
L	mm	4,2
特殊名称 · Special name		FS4

FG · Friction Grip (FG)

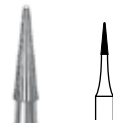


500 314 159071 ...

● **H133.314. ...** 010

与 8956/FSD4F 金刚砂车针系列匹配8刃, 标准, 尖端无切割力

*Matches 8956/FSD4F diamond series
8 blades, normal, safe end*



● **H 133 F**



		5
尺寸 · Size	∅ 1/10 mm	010
L	mm	4,2
特殊名称 · Special name		FS4F

FG · Friction Grip (FG)

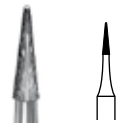


500 314 159041 ...

● **H133F.314. ...** 010

与 956EF/FSD4EF 金刚砂车针系列匹配16刃, 细, 尖端无切割力

*Matches 956EF/FSD4EF diamond series
16 blades, fine, safe end*



○ **H 133 UF**



		5
尺寸 · Size	∅ 1/10 mm	010
L	mm	4,2
特殊名称 · Special name		FS4UF

FG · Friction Grip (FG)

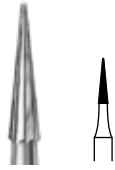


500 314 159031 ...

○ **H133UF.314. ...** 010

与 956UF/FSD4UF 金刚砂车针系列匹配30刃, 超细, 尖端无切割力

*Matches 956UF/FSD4UF diamond series
30 blades, ultra-fine, safe end*



● **H 134**



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	6,0
特殊名称 · Special name		FS6

FG · Friction Grip (FG)

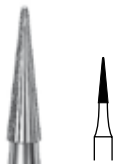


500 314 164071 ...

● **H134.314. ...** 014

与 8852/FSD6F 金刚砂车针系列匹配8刃，标准，尖端无切割力
Matches 8852/FSD6F diamond series
8 blades, normal, safe end

90



● **H 134 F**



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	6,0
特殊名称 · Special name		FS6F

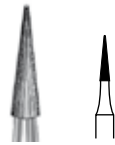
FG · Friction Grip (FG)



500 314 164041 ...

● **H134F.314. ...** 014

与 852EF/FSD6EF 金刚砂车针系列匹配16刃，细准，尖端无切割力
Matches 852EF/FSD6EF diamond series
16 blades, fine, safe end



○ **H 134 UF**



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	6,0
特殊名称 · Special name		FS6UF

FG · Friction Grip (FG)



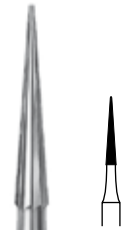
500 314 164031 ...

○ **H134UF.314. ...** 014

与 852UF/FSD6UF 金刚砂车针系列匹配30刃，超细，尖端无切割力
Matches 852UF/FSD6UF diamond series
30 blades, ultra-fine, safe end



复合树脂
唇侧抛光
Composite
Labial finishing



● **H 135**



	5
尺寸 · Size	Ø 1/10 mm 014
L	mm 9,0
特殊名称 · Special name	FS9

FG · Friction Grip (FG)



500 314 166071 ...

H135.314. ...

014

⊖_{max} 300000 min⁻¹/rpm

与 8859/FSD9F 金刚砂车针系列匹配 8 刃, 标准, 尖端无切割力

Matches 8859/FSD9F diamond series
8 blades, normal, safe end

● **H 135 F**



	5
尺寸 · Size	Ø 1/10 mm 014
L	mm 9,0
特殊名称 · Special name	FS9F

FG · Friction Grip (FG)



500 314 166041 ...

H135F.314. ...

014

⊖_{max} 300000 min⁻¹/rpm

与 859EF/FSD9EF 金刚砂车针系列匹配 16 刃, 细, 尖端无切割力

Matches 859EF/FSD9EF diamond series
16 blades, fine, safe end

○ **H 135 UF**



	5
尺寸 · Size	Ø 1/10 mm 014
L	mm 9,0
特殊名称 · Special name	FS9UF

FG · Friction Grip (FG)



500 314 166031 ...

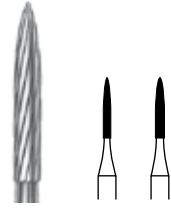
H135UF.314. ...

014

⊖_{max} 300000 min⁻¹/rpm

与 859UF/FSD9UF 金刚砂车针系列匹配 30 刃, 超细, 尖端无切割力

Matches 859UF/FSD9UF diamond series
30 blades, ultra-fine, safe end



● **H 48 L**



		5	5
尺寸 · Size	∅ 1/10 mm	010	012
L	mm	8,0	8,0

FG · Friction Grip (FG)



500 314 249072 ...

H48L.314. ... 010 012

○_{max.} 300000 min⁻¹/rpm
火焰形与 862 金刚砂车针系列匹配 12 刃，标准
Flame
Matches 862 diamond series
12 blades, normal



● **H 48 LF**



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	8,0

FG · Friction Grip (FG)



500 314 249042 ...

H48LF.314. ... 012

○_{max.} 300000 min⁻¹/rpm
火焰形与 862 金刚砂车针系列匹配 20 刃，细
Flame
Matches 862 diamond series
20 blades, fine



○ **H 48 LUF**



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	8,0

FG · Friction Grip (FG)



500 314 249032 ...

H48LUF.314. ... 012

○_{max.} 300000 min⁻¹/rpm
火焰形与 862 金刚砂车针系列匹配 30 刃，超细
Flame
Matches 862 diamond series
30 blades, ultra-fine



复合树脂
唇侧抛光
Composite
Labial finishing

H 247



		5		5	5
尺寸 · Size	∅ 1/10 mm	007	009	010	012
L	mm	3,2	3,2	3,4	3,4
特殊名称 · Special name		OS3	OS2	-	-
美国编号		-	7801	7802	7803

FG · Friction Grip (FG)



500 314 195071 ...

H247.314. ...

007 009 010 012

与 8957/OSD2F, OSD3F 金刚砂车针系列匹配12刃,
标准
Matches 8957/OSD2F, OSD3F diamond series
12 blades, normal



复合树脂
颊侧抛光
Composite
Occlusal finishing

H 247 F



		5	5
尺寸 · Size	∅ 1/10 mm	007	009
L	mm	3,2	3,2
特殊名称 · Special name		OS3F	OS2F

FG · Friction Grip (FG)



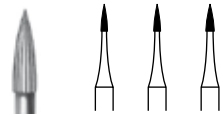
500 314 195041 ...

H247F.314. ...

007 009

与 957EF/OSD2EF, OSD3EF 金刚砂车针系列匹配20
刃, 细
Matches 957EF/OSD2EF, OSD3EF diamond series
20 blades, fine

H 246



		5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012
L	mm	3,6	3,6	3,6
美国编号		7901	7902	7903

FG · Friction Grip (FG)



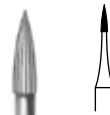
500 314 496071 ...

H246.314. ...

009 010 012

针形12刃, 标准
Needle
12 blades, normal

H 246 UF



		5
尺寸 · Size	∅ 1/10 mm	009
L	mm	3,7

FG · Friction Grip (FG)

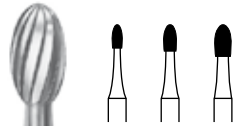


500 314 496031 ...

H246UF.314. ...

009

针形30刃, 超细
Needle
30 blades, ultra-fine



● H 379



		5	5	5
尺寸 · Size	∅ 1/10 mm	014	018	023
L	mm	3,1	3,5	4,2
特殊名称 · Special name		-	-	OS1
美国编号		7404	7406	7408

FG · Friction Grip (FG)

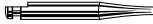


500 314 277072 ...

H379.314. ...

014 018 +023

RA · Right-angle (RA)



500 204 277072 ...

H379.204. ...

014 018 023

■ = ○_{max} 100000 min⁻¹/rpm
+ = ○_{max} 300000 min⁻¹/rpm

卵形/橄榄球形12刃，标准与8379/OSD1金刚砂车
针系列配用

Egg/Football

12 blades, normal

Matches 8379/OSD1 diamond series



● H 379 F



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	4,2
特殊名称 · Special name		OS1F

FG · Friction Grip (FG)



500 314 277042 ...

H379F.314. ...

023

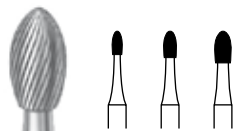
○_{max} 300000 min⁻¹/rpm

卵形/橄榄球形20刃，细与379EF/OSD1EF金刚砂车
针系列匹配

Egg/Football

20 blades, fine

Matches 379EF/OSD1EF diamond series



○ H 379 UF



		5	5	5
尺寸 · Size	∅ 1/10 mm	014	018	023
L	mm	3,1	3,5	4,2
特殊名称 · Special name		-	-	OS1UF

FG · Friction Grip (FG)



500 314 277032 ...

H379UF.314. ...

014 018 +023

RA · Right-angle (RA)



500 204 277032 ...

H379UF.204. ...

- 018 023

■ = ○_{max} 100000 min⁻¹/rpm
+ = ○_{max} 300000 min⁻¹/rpm

卵形/橄榄球形30刃，超细与379UF/OSD1UF金刚砂
车针系列匹配

Egg/Football

30 blades, ultra-fine

Matches 379UF/OSD1UF diamond series



H 390



		5	5	5
尺寸 · Size	∅ 1/10 mm	014	016	018
L	mm	3,4	3,5	3,6

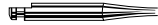
FG · Friction Grip (FG)



500 314 274072 ...

		014	016	018
--	--	-----	-----	-----

RA · Right-angle (RA)



500 204 274072 ...

		-	016	018
--	--	---	-----	-----

■ = \odot_{max} 100000 min⁻¹/rpm

手雷形12刃, 标准

Grenade

12 blades, normal



H 390 F



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	3,5

FG · Friction Grip (FG)



500 314 274042 ...

		016
--	--	-----

手雷形20刃, 细

Grenade

20 blades, fine



H 390 UF



		5	5
尺寸 · Size	∅ 1/10 mm	016	018
L	mm	3,5	3,6

FG · Friction Grip (FG)



500 314 274032 ...

		016	018
--	--	-----	-----

RA · Right-angle (RA)



500 204 274032 ...

		016	-
--	--	-----	---

■ = \odot_{max} 100000 min⁻¹/rpm

手雷形30刃, 超细

Grenade

30 blades, ultra-fine



Intraoral work on titanium

In implantology, titanium abutments are used as prefabricated, solid build-ups in the crown and bridge technique. Titanium abutments are either supplied in assembled condition or fabricated individually by the dental technician, so that the dentist only has to carry out minor corrections on the abutment. To perform intraoral corrections we have developed a set of instruments specially designed for effective work on titanium in the mouth. We recommend using the matching finishing instruments with red color coding for subsequent finishing.

Advantages:

- Coarse tooting with cross-cut specially developed for titanium, allowing to work on this tenacious material without clogging the instrument
- Different shapes are available
- Matching finishing instruments are available



Set 4548

口腔内钛合金修磨

在种植方面，钛可以作为一种预制坚固基台，用来放置冠体或桥体。钛基台可以进行预制或通过齿科技工室制作。在这两种情况下，牙医通常还需要做小的调整，例如稍微磨改基台，以确保最佳的牙冠就位。我们研发了一套器械，专门用于在口内对钛材料进行修改。我们建议您对随后的抛光使用带有红色标识环的抛光器械。

优点：

- 具备超粗的锯齿，专为口内制备钛基台而研发。可以对坚硬的材料进行处理，不会产生阻塞。
- 提供不同的形状
- 提供相匹配的精修器械



● **H 856 G**



		5	5	5
尺寸 · Size	Ø 1/10 mm	016	018	020
L	mm	8,0	8,0	8,0

FG · Friction Grip (FG)



● **H856G.314. ...** 016 018 +020

+ = \odot_{\max} 300000 min⁻¹/rpm

截锥形无角肩台型，圆头与856金刚砂车针系列匹配

Tapered chamfer, round

Matches 856 diamond series



● **H 847 KRG**



		5	5	5
尺寸 · Size	Ø 1/10 mm	016	018	020
L	mm	8,0	8,0	8,0

FG · Friction Grip (FG)



● **H847KRG.314. ...** 016 018 +020

+ = \odot_{\max} 300000 min⁻¹/rpm

截锥形有角肩台型，边缘圆化与847KR金刚砂车针系列匹配

Tapered shoulder, rounded edge

Matches 847KR diamond series



● **H 379 G**



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	4,2

FG · Friction Grip (FG)



● **H379G.314. ...** 023

\odot_{\max} 300000 min⁻¹/rpm

卵形/橄榄球形与379金刚砂车针系列匹配

Egg/Football

Matches 379 diamond series



冠预备

Crown preparation

Crown preparation with tungsten carbide instruments

Specially developed for the US market in close collaboration with Dr. Donald J. Alexander, these tungsten carbide instruments for crown preparation allow precise, yet controlled substance removal.

The quality of the surface achieved during preparation is identical to that normally achieved after use of a diamond finisher. Consequently, the final finishing can often be omitted.

用钨钢器械做冠预备

在与Donald J. Alexander教授的紧密合作下，特别为了美国市场而研发的这些冠预备钨钢器械，是精准的，清除物质时容易控制。

预备的表面质量已经达到用金刚砂精修的表面质量。因此，最后的精修步骤可以省略。





● **H 881 U**



		5	5	5
尺寸 · Size	Ø 1/10 mm	012	014	016
L	mm	8,0	8,0	8,0

FG · Friction Grip (FG)



● H881U.314. ...	012	014	016
-------------------------	-----	-----	-----

○_{max.} 300000 min⁻¹/rpm
平行肩台，圆肩台
Parallel chamfer, round



● **H 856 U**



		5	5
尺寸 · Size	Ø 1/10 mm	016	018
L	mm	8,0	8,0

FG · Friction Grip (FG)



● H856U.314. ...	016	018
-------------------------	-----	-----

○_{max.} 300000 min⁻¹/rpm
截锥形无角肩台型，圆头
Tapered chamfer, round



● **H 878 KU**



		5
尺寸 · Size	Ø 1/10 mm	016
L	mm	8,0

FG · Friction Grip (FG)



● H878KU.314. ...	016
--------------------------	-----

○_{max.} 300000 min⁻¹/rpm
平行无角肩台型，鱼雷形
Parallel chamfer, torpedo



车针/抛光器械
Burs/Finishing instruments



圆形
Round 102



清除坚硬物质
Tartar remover 102



火焰形
Flame 103

刨根器械
Root planer



104

锯齿形
Separating strip



105



Steel **钢**

<i>Burs/Finishing instruments</i>	102 - 103	车针/精修器械
<i>Root planer</i>	104	根面平整器械
<i>Separating strip</i>	105	切割条

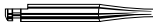


1



		10	10	10	10	10	10	10	10	10	10	10	10	6	6	6	6
尺寸 · Size	∅ 1/10 mm	005	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031
美国编号		1/4	1/2	-	1	-	2	3	4	5	6	7	8	9	10	-	11

RA · Right-angle (RA)



310 204 001001 ...

1.204. ...

■005 ■006 ■007 ■008 ■009 ◊010 ◊012 ◊014 ◊016 ◊018 ◆021 ◆023 △025 △027 ▲029 ▲031

RAL · Right-angle long (RAL)



310 205 001001 ...

1.205. ...

- - - - - ◊010 ◊012 ◊014 ◊016 ◊018 ◆021 ◆023 - - - -

- ▲ = \bigcirc_{\max} 20000 min⁻¹/rpm
- △ = \bigcirc_{\max} 25000 min⁻¹/rpm
- ◆ = \bigcirc_{\max} 30000 min⁻¹/rpm
- ◊ = \bigcirc_{\max} 40000 min⁻¹/rpm
- ◇ = \bigcirc_{\max} 70000 min⁻¹/rpm
- = \bigcirc_{\max} 100000 min⁻¹/rpm

圆头不能使用高压蒸汽灭菌205号柄只有6支/盒的包装

Round

Cannot be sterilized in the autoclave

Shank 205 only available in a pack of 6

102

9120



		6
尺寸 · Size	∅ 1/10 mm	010
L	mm	2,5

FG · Friction Grip (FG)



310 314 469381 ...

9120.314. ...

010

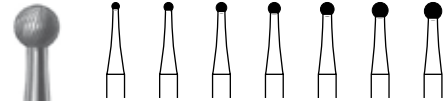
\bigcirc_{\max} 300000 min⁻¹/rpm

牙斑清除车针不能使用高温高压灭菌

Tartar remover

Cannot be sterilized in the autoclave

41



		6	6	6	6	6	6	
尺寸 · Size	∅ 1/10 mm	010	012	014	016	018	021	023
美国编号		-	B	C	D	-	200	-

RA · Right-angle (RA)



310 204 001071 ...

41.204. ...

◊010 ◊012 ◊014 ◊016 ◊018 ◆021 ◆023

◆ = O_{max.} 30000 min⁻¹/rpm

◊ = O_{max.} 40000 min⁻¹/rpm

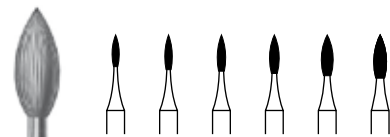
◈ = O_{max.} 70000 min⁻¹/rpm

表面精修球钻不能使用高温高压灭菌

Finisher, round

Cannot be sterilized in the autoclave

48



		6	6	6	6	6	6
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016	018
L	mm	4,2	4,6	4,8	5,1	5,4	5,7
美国编号		-	242	-	-	-	-

RA · Right-angle (RA)



310 204 243071 ...

48.204. ...

■009 ◊010 ◊012 ◊014 ◊016 ◊018

◊ = O_{max.} 40000 min⁻¹/rpm

◈ = O_{max.} 70000 min⁻¹/rpm

■ = O_{max.} 100000 min⁻¹/rpm

表面精修器械，火焰形不能使用高温高压灭菌

Finisher, flame

Cannot be sterilized in the autoclave



钢 | 根面平整器械
Steel | Root planer

189



		6
尺寸 · Size	∅ 1/10 mm	012
L	mm	2,6

RA · Right-angle (RA)



189.204. ...

012

190



		6
尺寸 · Size	∅ 1/10 mm	010
L	mm	5,6

RAL · Right-angle long (RAL)



190.205. ...

010

104

⊙_{max.} 10000 min⁻¹/rpm
根面平整器械, 不锈钢我们建议使用条件4362
Root planer, stainless steel
We recommend set 4362

⊙_{max.} 10000 min⁻¹/rpm
牙根平整器, 不锈钢材质我们建议使用套装4362
Root planer, stainless steel
We recommend set 4362



9816.000

厚度 · Thickness	mm	0,05
宽度(B) · Width (B)	mm	6,0
L	mm	150







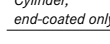

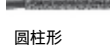
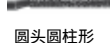
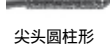
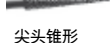
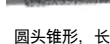
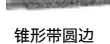


齿间使用的片切条, 不锈钢










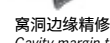
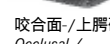
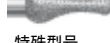
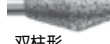
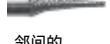

Separating strip for interproximal use, stainless steel



预备器械

Preparation instruments

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ZR-金刚砂
ZR-Diamonds

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复合树脂清除
Composite remover

	162
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Crown cutter
for zirconia

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	169
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Files for reciprocating
handpiece

	170-171
---	---------



Diamond **金刚砂**

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<i>Micropreparation instruments</i>	155 - 158	微创预备用器械
<i>ZR-Diamonds</i>	159 - 161	ZR系列金刚砂车针
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Diamond instruments

On the following pages, we would like to introduce our comprehensive range of dental diamond instruments. The instruments of this range are grouped by their shapes, with the exception of special instruments (for example instruments for micro preparation) which are described in a short text and introduced as a group.

Our S-diamonds and instruments with guide pin are not grouped together but allocated to the corresponding standard instruments of identical shape, which is why we would like to briefly introduce these instruments:



S-Diamonds

The special design of the working part with staggered plane surfaces creates a multiple edge structure which assures increased material reduction, good chip removal and better cooling.

Advantages:

- Instruments remove considerably more tooth substance than conventional diamond instruments
- Quicker reduction saves time
- More patient comfort

To achieve an optimal surface roughness, subsequent finishing is necessary. The reference numbers of these instruments start with the letter "S". They are provided with a gold-plated shank for easy recognition.



金刚砂器械

在接下去的内容中，我们将向您介绍全面的金刚砂器械。这个里讲到的金刚砂器械是以形状归类的，特殊器械除外（例如，微预备的器械），这里只有简短的介绍，这部分将在其他章节里介绍。

S-金刚砂和带定位针的器械没有归为一类，而是归类于相同形状的标准器械中，这就是为什么我们简单介绍这些器械的原因：

S金刚砂系列

工作间的特殊锯齿表面设计增大了边缘结构，实现快速高效的材料磨削，更好的排屑和减少热量。

优点：

- 相对于传统金刚砂器械，它能够大量的清除牙本质
- 快速的清除，节省时间
- 病人舒适度提高

为了达到理想的表面光滑度，之后的精修步骤是必不可少的。以字母“S”开头的器械都带有金杆，便于您辨认。



金刚砂器械

Diamond instruments

Guide-Pin-Diamonds

The Guide pin instruments for a non-traumatic, tissue-friendly placing of the crown margin were developed with the expert advice of Prof. Günay and Dr. Brandes. Special emphasis is placed on the diamond instruments with uncoated guide pin. This serves as a horizontal distance keeper and prevents excessive preparation. What's more, in sub-gingival preparations the guide pin also assures that a predefined distance to the periodontium is kept. The reference numbers of these instruments end with the letter "P" (P=Pin).

Advantages:

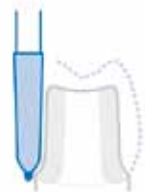
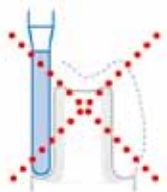
- Controlled preparation with a defined, even cutting depth
- Damage to the biological width is almost entirely avoided

带引导针的金刚砂器械

带引导针的器械使用于无外伤，保护组织的冠边缘，由Gunay教授和Brandes博士的专业建议而研发。特别强调的是金刚砂器械的引导针是不带涂层的。工作于保持距离的水平面，防止过度预备。更重要的是，龈上预备时，引导针要确保，预设到牙周组织的距离要保持。这些器械末端带有字母“P”的序列号（P-代表针）

优点：

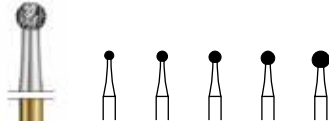
- 良好的控制预备目标，即使切割深度
- 几乎完全避免了对生物宽度的破坏



Set 4384A + 4410



● S 6801



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	023

FG · Friction Grip (FG)



● S6801.314. ...	012	014	016	018	+023
------------------	-----	-----	-----	-----	------

+ = \odot_{max} 300000 min⁻¹/rpm

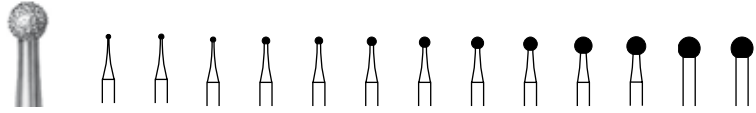
实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325

球钻与H41系列碳化钨表面精修器械匹配

Round

Matches H41 carbide finisher series

- 801 UF
- 801 EF
- 8801
- 801
- 6801
- 5801



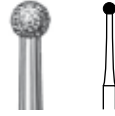
		5	5	5	5	5	5	5	5	5	5	5	5	5	
尺寸 · Size		∅ 1/10 mm	006	007	008	009	010	012	014	016	018	023	025	029	035
短柄高速 · Friction Grip short (FGS)															
806 313 001524 ...															
	801.313. ...	-	-	-	-	010	-	014	-	018	-	-	-	-	-
FG · Friction Grip (FG)															
806 314 001494 ...															
○	801UF.314. ...	-	-	-	-	-	-	-	-	-	-	+023	-	-	-
806 314 001504 ...															
●	801EF.314. ...	-	007	-	-	-	-	-	-	-	018	+023	025	029	-
806 314 001514 ...															
●	8801.314. ...	-	007	-	-	-	012	014	-	018	+023	025	029	035	-
806 314 001524 ...															
	801.314. ...	006	007	008	009	010	012	014	016	018	+023	-	029	035	-
806 314 001534 ...															
●	6801.314. ...	-	-	-	009	010	012	014	016	018	+023	-	029	-	-
806 314 001544 ...															
●	5801.314. ...	-	-	-	-	-	-	-	016	-	+023	-	-	-	-
FGL · Friction Grip long (FGL)															
806 315 001524 ...															
	801.315. ...	-	-	-	-	-	012	-	016	-	-	-	-	-	-
RA · Right-angle (RA)															
806 204 001504 ...															
●	801EF.204. ...	-	-	-	-	-	-	-	-	-	-	023	-	-	-
806 204 001514 ...															
●	8801.204. ...	-	-	-	-	-	-	-	-	018	023	-	029	-	-
806 204 001524 ...															
	801.204. ...	-	-	-	009	010	012	014	016	018	023	-	029	035	-

- = O_{max} 100000 min⁻¹/rpm
- ▣ = O_{max} 120000 min⁻¹/rpm
- ▤ = O_{max} 140000 min⁻¹/rpm
- ▥ = O_{max} 160000 min⁻¹/rpm
- + = O_{max} 300000 min⁻¹/rpm

球钻
Round



801 L
6801 L



		5
尺寸 · Size	∅ 1/10 mm	016

FG · Friction Grip (FG)



806 314 697524 ...

801L.314. ... 016

806 314 697534 ...

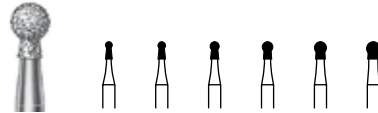
6801L.314. ... 016

○_{max.} 300000 min⁻¹/rpm

长颈球钻

Round, long neck

802
6802



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016	018
L	mm	3,0	3,0	3,0	3,5	3,5	3,5

FG · Friction Grip (FG)



806 314 002524 ...

802.314. ... 009 010 012 014 016 018

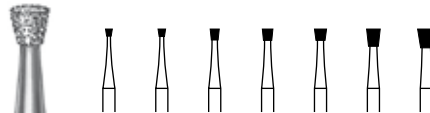
806 314 002534 ...

6802.314. ... - 010 012 014 - -

球钻附颈

Round, coated neck

805
6805



		5	5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016	018	023
L	mm	1,0	1,0	1,2	1,4	1,4	1,5	2,2

FG · Friction Grip (FG)



806 314 010524 ...

805.314. ... 009 010 012 014 016 018 +023

806 314 010534 ...

6805.314. ... - - 012 014 - - -

+ = ○_{max.} 300000 min⁻¹/rpm

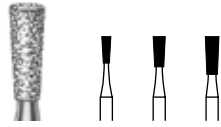
倒锥形

Inverted cone



窝洞预备
倒圆锥形
Cavity preparation
Inverted cone

807



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	016	018
L	mm	3,4	4,0	5,0

FG · Friction Grip (FG)

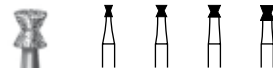


806 314 225524 ...

807.314. ... 012 016 018

长倒锥形
Long inverted cone

813



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	014	016	018
L	mm	1,6	1,6	1,9	2,3

FG · Friction Grip (FG)



806 314 032524 ...

813.314. ... 010 014 016 018

陀螺形
Diabolo

806

6806



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016	018
L	mm	2,5	2,5	2,5	2,5	2,5	2,5

FG · Friction Grip (FG)



806 314 019524 ...

806.314. ... 009 010 012 014 016 018

806 314 019534 ...

6806.314. ... - 010 012 014 - -

陀螺形
Diabolo

822



		5	5
尺寸 · Size	∅ 1/10 mm	008	009
L	mm	2,0	2,0

FG · Friction Grip (FG)



806 314 232524 ...

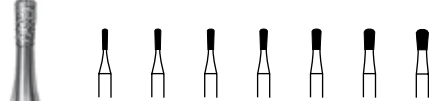
822.314. ... 008 009

梨形, 小
Pear, small



窝洞预备
梨形
Cavity preparation
Pear

- 830 EF
- 8830
- 830
- 6830



		5	5	5	5	5	5	
尺寸 · Size	∅ 1/10 mm	007	008	009	010	012	014	016
L	mm	2,7	2,7	2,7	2,7	2,7	2,7	2,7

短柄高速 · Friction Grip short (FGS)



806 313 233524 ...

830.313. ...

-	-	-	-	012	-	-
---	---	---	---	-----	---	---

FG · Friction Grip (FG)



806 314 233504 ...

830EF.314. ...

-	-	009	010	012	014	-
---	---	-----	-----	-----	-----	---

806 314 233514 ...

8830.314. ...

-	-	-	010	012	014	-
---	---	---	-----	-----	-----	---

806 314 233524 ...

830.314. ...

007	008	009	010	012	014	016
-----	-----	-----	-----	-----	-----	-----

806 314 233534 ...

6830.314. ...

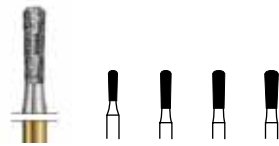
-	-	-	010	012	014	016
---	---	---	-----	-----	-----	-----

梨形
Pear



窝洞预备
S系列金刚砂器械
Cavity preparation
S-Diamond

- **S 6830 L**



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018
L	mm	4,0	5,0	5,0	5,0

FG · Friction Grip (FG)



S6830L.314. ...

012	014	016	018
-----	-----	-----	-----

FGL · Friction Grip long (FGL)



S6830L.315. ...

-	014	-	-
---	-----	---	---

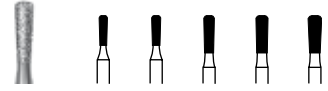
实用新型专利, 专利 / Utility model, patents
DE 199 08 507
EP 1 031 325

梨形, 长
与H47L系列碳化钨表面精修器械匹配
Pear, long
Matches H47L carbide finisher series



窝洞预备
梨形, 长
Cavity preparation
Pear, long

- 830 LEF
- 8830 L
- 830 L
- 6830 L
- 5830 L



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016 018
L	mm	4,0	4,0	5,0	5,0 5,0

短柄高速 · Friction Grip short (FGS)



806 313 234524 ...

830L.313. ...

-	-	014	-	-
---	---	-----	---	---

FG · Friction Grip (FG)



806 314 234504 ...

830LEF.314. ...

-	012	-	-	-
---	-----	---	---	---

806 314 234514 ...

8830L.314. ...

010	012	014	-	-
-----	-----	-----	---	---

806 314 234524 ...

830L.314. ...

010	012	014	016	018
-----	-----	-----	-----	-----

806 314 234534 ...

6830L.314. ...

-	012	014	016	018
---	-----	-----	-----	-----

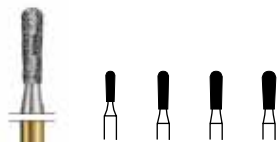
806 314 234544 ...

5830L.314. ...

-	-	014	-	-
---	---	-----	---	---

长梨形
Pear, long

● **S 6830 RL**



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018
L	mm	4,0	5,0	5,0	5,0

FG · Friction Grip (FG)



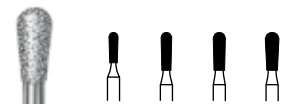
● **S6830RL.314. ...**

012	014	016	018
-----	-----	-----	-----

实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325

长圆头梨形
Pear, long, round

● **8830 RL**
● **830 RL**
● **6830 RL**



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018
L	mm	4,0	5,0	5,0	5,0

FG · Friction Grip (FG)



806 314 238514 ...

8830RL.314. ...

012	-	016	-
-----	---	-----	---

806 314 238524 ...

830RL.314. ...

012	014	016	018
-----	-----	-----	-----

806 314 238534 ...

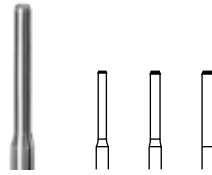
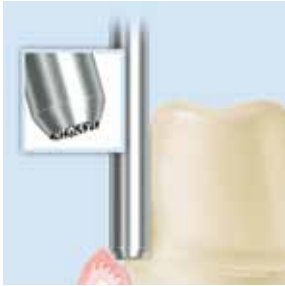
6830RL.314. ...

012	014	016	018
-----	-----	-----	-----

梨形, 圆头, 长
Pear, round, long



冠预备
边缘精修
Crown preparation
Margin refinement



10839



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016

FG · Friction Grip (FG)



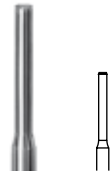
10839.314. ...

+012 014 016

+ = \odot_{max} 300000 min⁻¹/rpm

用于837KR/837LKR系列进行有角肩台型预备后降低颈缘线，或者用于在窝洞内形成平坦的底面。

For lowering the preparation limit after shoulder preparation with 837KR/837LKR series or for creating a flat preparation floor in the cavity



839



		5
尺寸 · Size	∅ 1/10 mm	012

FG · Friction Grip (FG)



806 314 150524 ...

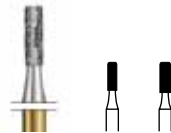
839.314. ...

012

\odot_{max} 300000 min⁻¹/rpm

用于837/837L系列进行有角肩台型预备后降低颈缘线，或者用于在窝洞内形成平坦的底面。

For lowering the preparation limit after shoulder preparation with 837/837L series or for creating a flat preparation floor in the cavity



● S 6835 KR



		5	5
尺寸 · Size	∅ 1/10 mm	012	014
L	mm	3,7	4,0

FG · Friction Grip (FG)



● S6835KR.314. ...

012 014

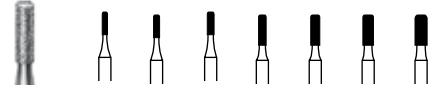
实用新型专利, 专利/Utility model, patents
DE 199 08 507
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短圆柱形, 边缘圆化
Short cylinder, rounded edge



窝洞预备
圆柱形带圆边
Cavity preparation
Cylinder with rounded edge

- 835 KREF
- 8835 KR
- 835 KR
- 6835 KR



		5	5	5	5	5	5	
尺寸 · Size	∅ 1/10 mm	007	008	009	010	012	014	016
L	mm	3,0	3,0	3,0	4,0	4,0	4,0	4,0

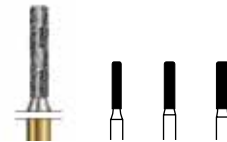
FG · Friction Grip (FG)



806 314 156504 ...	● 835KREF.314. ...	-	-	-	-	012	-	-
806 314 156514 ...	● 8835KR.314. ...	-	008	-	010	012	014	016
806 314 156524 ...	● 835KR.314. ...	007	008	009	010	012	014	016
806 314 156534 ...	● 6835KR.314. ...	-	-	-	010	012	014	-

短圆柱形，边缘圆化
Cylinder short, rounded edge

- S 6836 KR



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	6,0	6,0	6,0

FG · Friction Grip (FG)



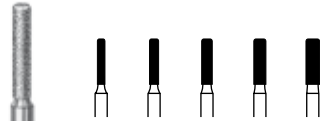
● S6836KR.314. ...	012	014	016
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实用新型专利，专利/Utility model, patents
DE 199 08 507
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短平行有角肩台型，边缘圆化
Short parallel shoulder, rounded edge



- 836 KREF
- 8836 KR
- 836 KR
- 6836 KR



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016	018
L	mm	6,0	6,0	6,0	6,0	6,0

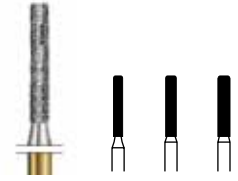
FG · Friction Grip (FG)



806 314 157504 ...	●	836KREF.314. ...	-	012	-	-	-
806 314 157514 ...	●	8836KR.314. ...	±010	012	014	016	018
806 314 157524 ...	●	836KR.314. ...	±010	012	014	016	018
806 314 157534 ...	●	6836KR.314. ...	±010	012	014	-	-

± = ∅_{max} 160000 min⁻¹/rpm
短平行有角肩台型，边缘圆化
Short parallel shoulder, rounded edge

- S 6837 KR



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	8,0	8,0	8,0

FG · Friction Grip (FG)



806 314 158504 ...	●	S6837KR.314. ...	+012	014	016
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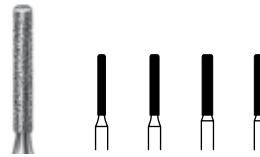
+ = ∅_{max} 300000 min⁻¹/rpm
实用新型专利，专利/Utility model, patents
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平行有角肩台型，边缘圆化与H297系列碳化钨表面
精修器械匹配
Parallel shoulder, rounded edge
Matches H297 carbide finisher series



冠预备
平行肩台，圆边
Crown preparation
Parallel shoulder, rounded edge

- 837 KREF
- 8837 KR
- 837 KR
- 6837 KR



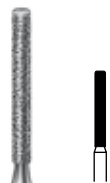
		5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016
L	mm	8,0	8,0	8,0	8,0



806 314 158504 ...	●	837KREF.314. ...	-	-	014	-
806 314 158514 ...	●	8837KR.314. ...	±010	+012	014	016
806 314 158524 ...	●	837KR.314. ...	±010	+012	014	-
806 314 158534 ...	●	6837KR.314. ...	-	+012	014	-

± = ∅_{max} 160000 min⁻¹/rpm
+ = ∅_{max} 300000 min⁻¹/rpm
平行有角肩台型，边缘圆化与H297系列碳化钨表面
精修器械匹配
Parallel shoulder, rounded edge
Matches H297 carbide finisher series

837 LKR



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	10,0

FG · Friction Grip (FG)



837LKR.314. ...

014

∅_{max} 300000 min⁻¹/rpm
长平行有角肩台型, 边缘圆化
Long parallel shoulder, rounded edge

842 KR



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	12,0

FG · Friction Grip (FG)



842KR.314. ...

014

∅_{max} 160000 min⁻¹/rpm
长平行有角肩台型, 边缘圆化
Long parallel shoulder, rounded edge



窝洞预备
边缘锋利
Cavity preparation
Sharp edge

- 8835
- 835
- 6835



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	007	008	009	010	012	014
L	mm	3,0	3,0	3,0	4,0	4,0	4,0

短柄高速 · Friction Grip short (FGS)



806 313 107524 ...

835.313. ...

- - - 010 012 - -

806 313 107534 ...

6835.313. ...

- - - - 012 - -

FG · Friction Grip (FG)



806 314 107514 ...

8835.314. ...

- - - 010 - 014 -

806 314 107524 ...

835.314. ...

007 008 009 010 012 014 016

806 314 107534 ...

6835.314. ...

- - 009 010 012 014 -

圆柱形, 短
Cylinder, short



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	018	027
L	mm	6,0	6,0	6,0	6,6

FG · Friction Grip (FG)



806 314 110514 ...				
8836.314. ...	012	-	-	-
806 314 110524 ...				
836.314. ...	012	014	018	027
806 314 110534 ...				
6836.314. ...	012	014	018	-
806 314 110544 ...				
5836.314. ...	-	014	-	-

■ = \odot_{\max} 160000 min⁻¹/rpm
短平行有角肩台型
Short parallel shoulder



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	8,0	8,0	8,0

FG · Friction Grip (FG)



806 314 111514 ...				
8837.314. ...	+012	014	-	-
806 314 111524 ...				
837.314. ...	+012	014	016	-
806 314 111534 ...				
6837.314. ...	+012	014	016	-
806 314 111544 ...				
5837.314. ...	-	014	-	-

+ = \odot_{\max} 300000 min⁻¹/rpm
平行肩台型
Parallel shoulder

837 L



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	10,0

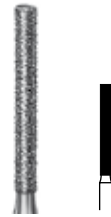
FG · Friction Grip (FG)



806 314 112524 ...	
837L.314. ...	014

\odot_{\max} 300000 min⁻¹/rpm
长平行有角肩台型
Long parallel shoulder

842



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	12,0

FG · Friction Grip (FG)



806 314 113524 ...	
842.314. ...	014

\odot_{\max} 160000 min⁻¹/rpm
超长平行有角肩台型
Extra long parallel shoulder



			5	5	5	5
尺寸 · Size	Ø 1/10 mm		008	009	010	012
L	mm		3,0	3,0	4,0	4,0

FG · Friction Grip (FG)



806 314 137514 ...					
8838.314. ...		-	-	-	012
806 314 137524 ...					
838.314. ...		008	009	010	012
806 314 137534 ...					
6838.314. ...		-	-	-	012

短圆柱形，圆头
Short cylinder, round



			5	5	5
尺寸 · Size	Ø 1/10 mm		012	014	016
L	mm		6,0	6,0	6,0

FG · Friction Grip (FG)



S6880.314. ...		012	014	016
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实用新型专利，专利/Utility model, patents
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短平行无角肩台型，圆头
Short parallel chamfer, round



			5	5	5
尺寸 · Size	Ø 1/10 mm		012	014	016
L	mm		6,0	6,0	6,0

FG · Friction Grip (FG)



806 314 140514 ...					
8880.314. ...		012	014	016	
806 314 140524 ...					
880.314. ...		012	014	-	
806 314 140534 ...					
6880.314. ...		012	014	-	

短平行无角肩台型，圆头
Short parallel chamfer, round



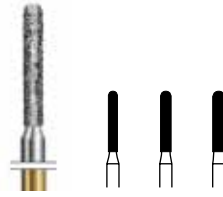
			5
尺寸 · Size	Ø 1/10 mm		018
L	mm		6,0
L ₁	mm		0,5

FG · Friction Grip (FG)



8880P.314. ...		018
880P.314. ...		018

⊙_{max} 160000 min⁻¹/rpm
平行无角肩台型，圆头在牙冠边缘形成0.65mm的切割深度
Parallel chamfer, round
Creates a cutting depth of 0.65 mm at the crown margin



S 6881



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	8,0	8,0	8,0

FG · Friction Grip (FG)



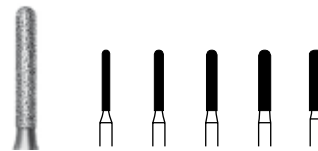
S6881.314. ...	+012	014	016
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+ = \odot_{max} 300000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 199 08 507
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平行无角肩台型, 圆头
Parallel chamfer, round

- **881 EF**
- **8881**
- 881**
- **6881**
- **5881**



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016	018
L	mm	8,0	8,0	8,0	8,0	8,0

FG · Friction Grip (FG)



806 314 141504 ...

● 881EF.314. ...	-	+012	014	-	-
---	---	------	-----	---	---

806 314 141514 ...

● 8881.314. ...	■ 010	+012	014	016	+018
---	---	------	-----	-----	------

806 314 141524 ...

881.314. ...	■ 010	+012	014	016	-
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806 314 141534 ...

● 6881.314. ...	-	+012	014	016	+018
---	---	------	-----	-----	------

806 314 141544 ...

● 5881.314. ...	-	-	-	016	-
---	---	---	---	-----	---

■ = \odot_{max} 160000 min⁻¹/rpm

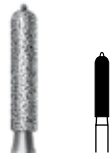
+ = \odot_{max} 300000 min⁻¹/rpm

平行无角肩台型, 圆头
Parallel chamfer, round



冠预备
平行肩台, 圆
Crown preparation
Parallel chamfer, round

● **8881 P**
881 P



		5
尺寸 · Size	∅ 1/10 mm	018
L	mm	8,0
L ₁	mm	0,5

FG - Friction Grip (FG)



● **8881P.314. ...** 018

881P.314. ... 018

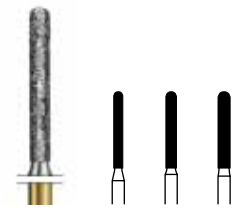
○_{max} 160000 min⁻¹/rpm

平行无角肩台型，圆头在牙冠边缘形成0.66mm的切割深度

Parallel chamfer, round

Creates a cutting depth of 0.65 mm at the crown margin

● **S 6882**



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	10,0	10,0	10,0

FG - Friction Grip (FG)



● **S6882.314. ...** ■012 +014 +016

■ = ○_{max} 160000 min⁻¹/rpm

+ = ○_{max} 300000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents

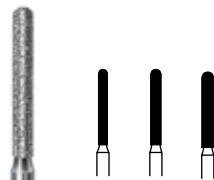
DE 199 08 507

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长平行无角肩台型，圆头

Long parallel chamfer, round

● **8882**
882



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	10,0	10,0	10,0

FG - Friction Grip (FG)



806 314 142514 ...

● **8882.314. ...** 012 014 016

806 314 142524 ...

● **882.314. ...** 012 014 -

○_{max} 300000 min⁻¹/rpm

长平行无角肩台型，圆头

Long parallel chamfer, round

● **S 6882 L**



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	12,0

FG - Friction Grip (FG)



● **S6882L.314. ...** 014

○_{max} 160000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents

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长平行无角肩台型，圆头

Extra long parallel chamfer, round



● **8882 L**



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	12,0

FG · Friction Grip (FG)



806 314 143514 ...

● **8882L.314. ...** 014

○_{max.} 160000 min⁻¹/rpm
长平行无角肩台型，圆头
Extra long parallel chamfer, round



● **8884**
● **884**
● **6884**



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	6,0

FG · Friction Grip (FG)



806 314 129514 ...

● **8884.314. ...** 012

806 314 129524 ...

● **884.314. ...** 012

806 314 129534 ...

● **6884.314. ...** 012

短圆柱形，尖端带有斜面
Cylinder short, with beveled tip



冠预备
圆柱形带斜角工作尖
Crown preparation
Cylinder with beveled tip



● **8885**
● **885**
● **6885**



		5	5
尺寸 · Size	∅ 1/10 mm	012	014
L	mm	8,0	8,0

FG · Friction Grip (FG)



806 314 130514 ...

● **8885.314. ...** +012 014

806 314 130524 ...

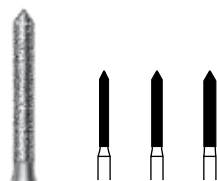
● **885.314. ...** +012 014

806 314 130534 ...

● **6885.314. ...** +012 014

+ = ○_{max.} 300000 min⁻¹/rpm
圆柱形，尖端带有斜面
Cylinder with beveled tip

● 8886
● 886
● 6886



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	10,0	10,0	10,0

FG · Friction Grip (FG)



806 314 131514 ...

● 8886.314. ... 012 014 016

806 314 131524 ...

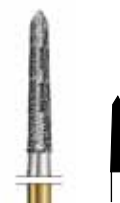
● 886.314. ... 012 014 016

806 314 131534 ...

● 6886.314. ... - 014 016

○_{max} 300000 min⁻¹/rpm
长圆柱形, 尖端带有斜面
Cylinder long, with beveled tip

● S 6886 K



		5
尺寸 · Size	∅ 1/10 mm	018
L	mm	9,0
角度 · Angle	α	1,5°

FG · Friction Grip (FG)



● S6886K.314. ... 018

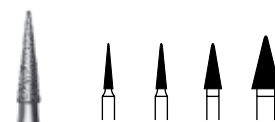
○_{max} 300000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
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截锥形, 尖端带有斜面, 长
Tapered with beveled tip, long



复合树脂
唇侧精修
Composite
Facial surface trimming

○ 852 UF
● 852 EF
● 8852
● 852
● 6852



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	023	037
L	mm	6,0	6,0	6,0	7,0
角度 · Angle	α	3,5°	5,5°	8°	13°
特殊名称 · Special name		-	FSD6F	-	-

FG · Friction Grip (FG)



806 314 164494 ...

○ 852UF.314. ... - 014 - -

806 314 164504 ...

● 852EF.314. ... - 014 - -

806 314 164514 ...

● 8852.314. ... 012 014 - -

806 314 164524 ...

● 852.314. ... 012 - - □037

806 314 164534 ...

● 6852.314. ... 012 - +023 -

□ = ○_{max} 120000 min⁻¹/rpm
+ = ○_{max} 300000 min⁻¹/rpm
与H134/FS6系列碳化钨表面精修器械匹配
Matches H134/FS6 carbide finisher series



- 955 UF
- 955 EF
- 8955



		5
尺寸 · Size	∅ 1/10 mm	008
L	mm	3,0
特殊名称 · Special name	FSD3	

FG · Friction Grip (FG)



- 806 314 699494 ...
955UF.314. ... 008
- 806 314 699504 ...
955EF.314. ... 008
- 806 314 699514 ...
8955.314. ... 008

○_{max} 300000 min⁻¹/rpm
与H132/FS3, H132F/FS3F系列碳化钨表面精修器械匹配
Matches H132/FS3, H132F/FS3F carbide finisher series

- 956 UF
- 956 EF
- 8956



		5
尺寸 · Size	∅ 1/10 mm	010
L	mm	4,0
特殊名称 · Special name	FSD4	

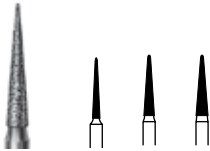
FG · Friction Grip (FG)



- 806 314 159494 ...
956UF.314. ... 010
- 806 314 159504 ...
956EF.314. ... 010
- 806 314 159514 ...
8956.314. ... 010

与H133/FS4系列碳化钨表面精修器械匹配
Matches H133/FS4 carbide finisher series

- 858 UF
- 858 EF
- 8858
- 858
- 6858



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	014	016
L	mm	8,0	8,0	8,0
角度 · Angle	α	2°	3,4°	3,9°

FG · Friction Grip (FG)



- 806 314 165494 ...
858UF.314. ... - +014 -

FG · Friction Grip (FG)



- 806 314 165524 ...
858.314. ... +010 +014 016

FGS · Friction Grip short (FGS)



- 806 313 165524 ...
858.313. ... - +014 -

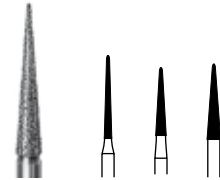
- 806 314 165504 ...
858EF.314. ... +010 +014 -

- 806 314 165514 ...
8858.314. ... +010 +014 -

- 806 314 165534 ...
6858.314. ... - +014 -

+ = ○_{max} 300000 min⁻¹/rpm
尖形
Pointed

- 859 UF
- 859 EF
- 8859
- 859
- 6859



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	014	018
L	mm	11,0	9,0	10,0
角度 · Angle	α	2°	3,7°	3,6°
特殊名称 · Special name		-	FSD9F	-



- 806 314 166494 ...
859UF.314. ... - 014 -

- 806 314 166504 ...
859EF.314. ... 010 014 018

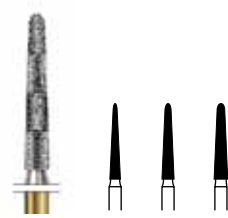
- 806 314 166514 ...
8859.314. ... 010 014 018

- 806 314 167524 ...
806 314 166524 ...
859.314. ... 010 - 018

- 806 314 166534 ...
6859.314. ... - - 018

○_{max} 300000 min⁻¹/rpm
与H135/FS9系列碳化钨表面精修器械系列匹配
Matches H135/FS9 carbide finisher series

S 6850



		5	5	5
尺寸 · Size	∅ 1/10 mm	014	016	018
L	mm	10,0	10,0	10,0
角度 · Angle	α	2°	2°	2°

FG · Friction Grip (FG)

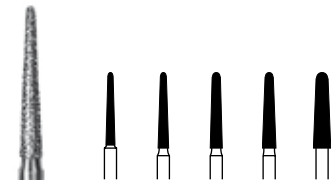


S6850.314. ...	014	016	018
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○_{max} 300000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325

长截锥形无角肩台型
Long tapered chamfer

8850
850
6850
5850



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	023
L	mm	10,0	10,0	10,0	10,0	10,0
角度 · Angle	α	2°	2°	2°	2°	3°

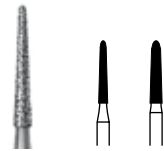
FG · Friction Grip (FG)



806 314 199514 ...					
8850.314. ...	012	014	016	018	-
806 314 199524 ...					
850.314. ...	012	014	016	018	023
806 314 199534 ...					
6850.314. ...	-	014	016	018	023
806 314 199544 ...					
5850.314. ...	-	-	016	-	-

○_{max} 300000 min⁻¹/rpm
截锥形圆头, 长
Tapered round, long

8868
868



		5	5
尺寸 · Size	∅ 1/10 mm	012	016
L	mm	8,0	8,0
角度 · Angle	α	2°	2°

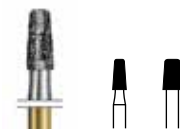
FG · Friction Grip (FG)



806 314 223514 ...		
8868.314. ...	+012	016
806 314 223524 ...		
868.314. ...	+012	016

+ = ○_{max} 300000 min⁻¹/rpm
截锥形圆头
Tapered round

S 6845 KR



		5	5
尺寸 · Size	∅ 1/10 mm	018	025
L	mm	4,0	4,0
角度 · Angle	α	3°	5°

FG · Friction Grip (FG)



S6845KR.314. ...	018	025
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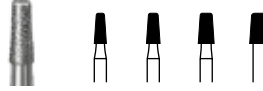
■ = ○_{max} 160000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325

截锥形, 边缘圆化
Tapered, rounded edge



窝洞预备
锥形带圆边
Cavity preparation
Tapered with rounded edge

- 845 KREF
- 8845 KR
- 845 KR



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	016	018	021	025
L	mm	4,0	4,0	4,0	4,0
角度 · Angle	α	3°	3°	4°	5°

FG - Friction Grip (FG)



806 314 544504 ...	● 845KREF.314. ...	016	018	-	025
806 314 544514 ...	● 8845KR.314. ...	016	018	+021	025
806 314 544524 ...	● 845KR.314. ...	016	018	+021	025

■ = ∅_{max.} 160000 min⁻¹/rpm

+ = ∅_{max.} 300000 min⁻¹/rpm

截锥形, 边缘圆化参见套装4261, 第348页

Tapered, rounded edge

See set 4261, page 348

845 KRD



		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	4,0
角度 · Angle	α	5°

FG - Friction Grip (FG)



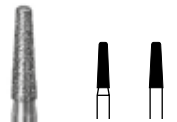
806 314 545504 ...	● 845KRD.314. ...	025
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截锥形, 边缘圆化, 深度标记位于2mm处参见套装4562/S, 第347页

Tapered, rounded edge, depth marking at 2 mm

See set 4562/S, page 347

- 846 KREF
- 8846 KR
- 846 KR



		5	5
尺寸 · Size	∅ 1/10 mm	016	018
L	mm	6,0	6,0
角度 · Angle	α	2,5°	2,5°

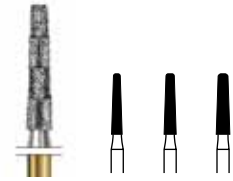
FG - Friction Grip (FG)



806 314 545504 ...	● 846KREF.314. ...	016	-
806 314 545514 ...	● 8846KR.314. ...	016	018
806 314 545524 ...	● 846KR.314. ...	016	018

短截锥形有角肩台型, 边缘圆化

Short tapered shoulder, rounded edge



● **S 6847 KR**



		5	5	5
尺寸 · Size	∅ 1/10 mm	014	016	018
L	mm	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°

FG - Friction Grip (FG)



● S6847KR.314. ...	014	016	018
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实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325

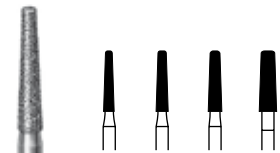
截锥形有角肩台型, 边缘圆化与H336系列碳化钨表面精修器械匹配

Tapered shoulder, rounded edge
Matches H336 carbide finisher series



冠预备
锥形肩台, 圆边
Crown preparation
Tapered shoulder, rounded edge

● **847 KREF**
● **8847 KR**
● **847 KR**
● **6847 KR**



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	014	016	018	023
L	mm	8,0	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°	2,5°

FG - Friction Grip (FG)



806 314 546504 ...				
● 847KREF.314. ...	-	016	-	+023
806 314 546514 ...				
● 8847KR.314. ...	014	016	018	+023
806 314 546524 ...				
● 847KR.314. ...	014	016	-	+023
806 314 546534 ...				
● 6847KR.314. ...	-	016	018	+023

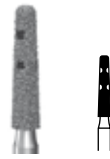
+ = O_{max} 300000 min⁻¹/rpm

截锥形肩台型, 边缘圆化与H336系列碳化钨表面精修器械匹配

Tapered shoulder, rounded edge
Matches H336 carbide finisher series



● **6847 KRD**



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,0
角度 · Angle	α	2°

FG · Friction Grip (FG)



● **6847KRD.314. ...** 016

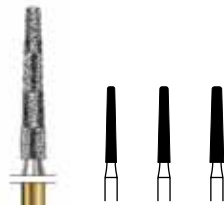
截锥形，边缘圆化，深度标记位于2和4mm处参见
套装4562/S，第347页与H336系列碳化钨表面精修
器械匹配

Tapered shoulder, rounded edge, depth marking at 2 and
4 mm

See set 4562/S, page 347

Matches H336 carbide finisher series

● **S 6848 KR**



		5	5	5
尺寸 · Size	∅ 1/10 mm	014	016	018
L	mm	10,0	10,0	10,0
角度 · Angle	α	2°	2°	2°

FG · Friction Grip (FG)



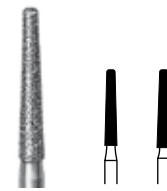
● **S6848KR.314. ...** 014 016 018

○_{max} 300000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents
DE 199 08 507
EP 1 031 325

长截锥形有角肩台型，边缘圆化
Long tapered shoulder, rounded edge

● **8848 KR**
848 KR



		5	5
尺寸 · Size	∅ 1/10 mm	016	018
L	mm	10,0	10,0
角度 · Angle	α	2°	2°

FG · Friction Grip (FG)



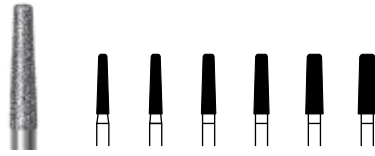
806 314 553514 ...
● **8848KR.314. ...** 016 018

806 314 553524 ...
● **848KR.314. ...** 016 -

○_{max} 300000 min⁻¹/rpm

长平行有角肩台型，边缘圆化
Long tapered shoulder, rounded edge

● **8951 KR**
951 KR



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	016	017	019	020	023	024
L	mm	8,0	8,0	8,0	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°	2°	2°	2°

FG · Friction Grip (FG)



806 314 585514 ...

● **8951KR.314. ...** - 017 - +020 - 024

806 314 585524 ...

● **951KR.314. ...** 016 - +019 - +023 -

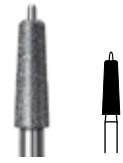
■ = ∅_{max} 160000 min⁻¹/rpm

+ = ∅_{max} 300000 min⁻¹/rpm

截锥形有角肩台型，边缘圆化，具备较长的总长度，以及特殊的中间尺寸

Tapered shoulder, rounded edge with longer total lengths and special intermediate sizes

● **8372 P**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	7,0
L ₁	mm	1,1
角度 · Angle	α	2,5°

FG · Friction Grip (FG)



● **8372P.314. ...** 023

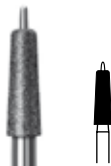
∅_{max} 160000 min⁻¹/rpm

截锥形有角肩台型，边缘圆化在牙冠边缘形成0.59mm的切割深度

Tapered shoulder, rounded edge

Creates a cutting depth of 0.59 mm at the crown margin

● **8372 PL**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	7,0
L ₁	mm	1,6
角度 · Angle	α	2,5°

FG · Friction Grip (FG)



● **8372PL.314. ...** 023

∅_{max} 160000 min⁻¹/rpm

截锥形有角肩台型，边缘圆化，带有超长的定位尖在牙冠边缘形成0.59mm的预备深度

Tapered shoulder rounded edge with extra long guide pin
Creates a cutting depth of 0.59 mm at the crown margin

● **959 KREF**
● **8959 KR**
959 KR



		5
尺寸 · Size	∅ 1/10 mm	018
L	mm	5,5
角度 · Angle	α	2°

FG · Friction Grip (FG)



806 314 584504 ...

● **959KREF.314. ...** 018

806 314 584514 ...

● **8959KR.314. ...** 018

806 314 584524 ...

● **959KR.314. ...** 018

截锥形，边缘圆化

Tapered, rounded edge



959 KRD



		5
尺寸 · Size	∅ 1/10 mm	018
L	mm	5,5
角度 · Angle	α	2°

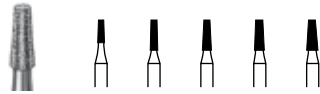
FG · Friction Grip (FG)



959KRD.314. ... 018

截锥形，边缘圆化，深度标记位于2和4mm处参见套装4562/S，第347页
Tapered, rounded edge, depth marking at 2 and 4 mm
See set 4562/S, page 347

845
6845



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016
L	mm	3,0	4,0	4,0	4,0	4,0
角度 · Angle	α	2,5°	2,5°	3°	3°	3°

FG · Friction Grip (FG)



806 314 168524 ...

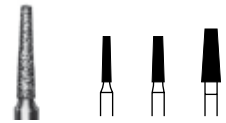
845.314. ... 009 010 012 014 016

806 314 168534 ...

6845.314. ... - - 012 014 -

截锥形
Tapered

8846
846
6846



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	016	025
L	mm	6,0	6,0	7,0
角度 · Angle	α	2,5°	2,5°	4°

FG · Friction Grip (FG)



806 314 171514 ...

8846.314. ... - 016 -

806 314 171524 ...

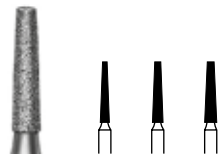
846.314. ... 012 016 #025

806 314 171534 ...

6846.314. ... 012 016 -

♣ = ∅_{max} 160000 min⁻¹/rpm
短截锥形肩台型
Short tapered shoulder

- 8847
- 847
- 6847
- 5847



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°

FG · Friction Grip (FG)



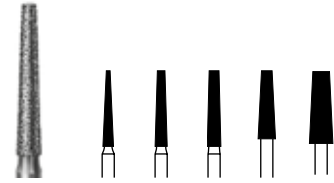
806 314 172514 ...	● 8847.314. ...	+012	014	016
806 314 172524 ...	● 847.314. ...	+012	014	016
806 314 172534 ...	● 6847.314. ...	+012	014	016
806 314 172544 ...	● 5847.314. ...	-	-	016

+ = \odot_{\max} 300000 min⁻¹/rpm

截锥形肩台型

Tapered shoulder

- 8848
- 848
- 6848
- 5848



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	014	016	018	023	031
L	mm	10,0	10,0	10,0	9,0	9,0
角度 · Angle	α	2,4°	1,8°	1,1°	3°	3°

FG · Friction Grip (FG)



806 314 173514 ...	● 8848.314. ...	-	+016	-	-	-
806 314 173524 ...	● 848.314. ...	+014	+016	+018	+023	-
806 314 173534 ...	● 6848.314. ...	-	+016	+018	+023	031
806 314 173544 ...	● 5848.314. ...	-	+016	-	-	-

∅ = \odot_{\max} 140000 min⁻¹/rpm

+ = \odot_{\max} 300000 min⁻¹/rpm

长截锥形肩台型

Long tapered shoulder

- 957 EF
- 8957



		5	5
尺寸 · Size	∅ 1/10 mm	007	009
L	mm	3,0	3,0
角度 · Angle	α	3°	3°
特殊名称 · Special name		OSD3EF	OSD2EF

FG · Friction Grip (FG)



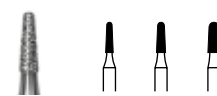
806 314 195504 ...	● 957EF.314. ...	007	009
806 314 195514 ...	● 8957.314. ...	007	009

截锥形，圆头与H247系列碳化钨表面精修器械匹配

Tapered, round

Matches H247 carbide finisher series

- 849
- 6849



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	016
L	mm	4,0	4,0	4,0
角度 · Angle	α	2,5°	3°	3°

FG · Friction Grip (FG)



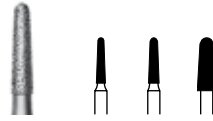
806 314 194524 ...	● 849.314. ...	010	012	016
806 314 194534 ...	● 6849.314. ...	-	012	016

截锥形圆头

Tapered round



- 8855
- 855
- 6855
- 5855



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	025
L	mm	6,0	6,0	7,0
角度 · Angle	α	2,5°	2,5°	4°

FG · Friction Grip (FG)



806 314 197514 ...

● 8855.314. ...	012	-	025
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806 314 197524 ...

● 855.314. ...	012	014	025
----------------	-----	-----	-----

806 314 197534 ...

● 6855.314. ...	012	-	025
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806 314 197544 ...

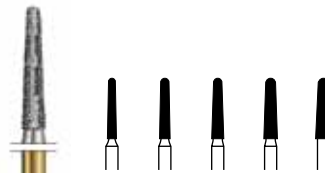
● 5855.314. ...	-	-	025
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■ = ∅_{max.} 160000 min⁻¹/rpm
短截锥形无角肩台型，圆头
Short tapered chamfer, round



冠体预备
S系列金刚砂车针
Crown preparation
S-Diamond

- S 6856



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021
L	mm	8,0	8,0	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°	2°	2°

FG · Friction Grip (FG)



● S6856.314. ...	012	014	016	018	+021
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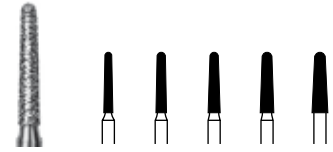
+ = ∅_{max.} 300000 min⁻¹/rpm
实用新型专利，专利/Utility model, patents
DE 199 08 507
EP 1 031 325

截锥形无角肩台型，圆头
与H375R系列碳化钨表面精修器械匹配
Tapered chamfer, round
Matches H375R carbide finisher series



冠预备
锥形肩台，圆形
Crown preparation
Tapered chamfer, round

- 856 EF
- 8856
- 856
- 6856
- 5856



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021
L	mm	8,0	8,0	8,0	8,0	8,0
角度 · Angle	α	1,7°	1,7°	2°	2°	2°

短柄高速 · Friction Grip short (FGS)



806 313 198534 ...

●	6856.313. ...	-	-	016	-	-
---	---------------	---	---	-----	---	---

FG · Friction Grip (FG)



806 314 198504 ...

●	856EF.314. ...	+012	-	016	-	-
---	----------------	------	---	-----	---	---

806 314 198514 ...

●	8856.314. ...	+012	014	016	018	+021
---	---------------	------	-----	-----	-----	------

806 314 198524 ...

●	856.314. ...	+012	014	016	018	-
---	--------------	------	-----	-----	-----	---

806 314 198534 ...

●	6856.314. ...	+012	014	016	018	+021
---	---------------	------	-----	-----	-----	------

806 314 198544 ...

●	5856.314. ...	-	014	016	018	-
---	---------------	---	-----	-----	-----	---

+ = \odot_{max} 300000 min⁻¹/rpm

短截锥形无角肩台型，圆头与H375R系列碳化钨表面
精修器械匹配

Tapered chamfer, round

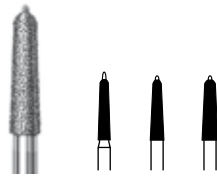
Matches H375R carbide finisher series



冠预备
锥形肩台带引导针

Crown preparation
Tapered chamfer with guide pin

- 8856 P
- 856 P
- 6856 P



		5	5	5
尺寸 · Size	∅ 1/10 mm	016	018	021
L	mm	8,0	8,0	8,0
L ₁	mm	1,0	0,5	0,5
角度 · Angle	α	2°	2°	2°

FG · Friction Grip (FG)



● 8856P.314. ...	016	018	021
● 856P.314. ...	016	018	021
● 6856P.314. ...	-	018	021

⊙_{max} 160000 min⁻¹/rpm

截锥形无角肩台型，圆头可在牙冠边缘形
成0.30mm (016号)，0.38mm (018号) 或
0.54mm (021号) 的切割深度

Tapered chamfer, round

Creates a cutting depth of 0.30 mm (size 016), 0.38 mm
(size 018) or 0.54 mm (size 021) at the crown margin

● S 6856 XL



		5
尺寸 · Size	∅ 1/10 mm	021
长度 · L	mm	12,0
角度 · Angle	α	2°

FG · Friction Grip (FG)



● S6856XL.314. ...	021
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⊙_{max} 300000 min⁻¹/rpm

公用型号，专利号/Utility model, patents
DE 199 08 507
EP 1 031 325

加长型倒锥形肩台，圆形

Extra long tapered chamfer, round

● 8856 XL



		5
尺寸 · Size	∅ 1/10 mm	021
长度 · L	mm	12,0
角度 · Angle	α	2°

FG · Friction Grip (FG)



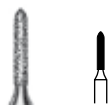
● 806 314 200514 ...	8856XL.314. ...	021
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⊙_{max} 300000 min⁻¹/rpm

加长型倒锥形肩台，圆形

Extra long tapered chamfer, round

● 8876
876



		5
尺寸 · Size	∅ 1/10 mm	009
L	mm	5,0

FG - Friction Grip (FG)



806 314 287514 ...

● 8876.314. ... 009

806 314 287524 ...

● 876.314. ... 009

○_{max} 300000 min⁻¹/rpm

短平行无角肩台型，鱼雷形与H281系列碳化钨表面精修器械匹配

Short parallel chamfer, torpedo

Matches H281 carbide finisher series

● S 6877



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	6,0	6,0	6,0

FG - Friction Grip (FG)



● S6877.314. ...

012 014 016

实用新型专利，专利/Utility model, patents

DE 199 08 507

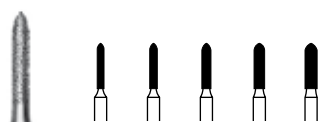
EP 1 031 325

短平行无角肩台型，鱼雷形与H282系列碳化钨表面精修器械匹配

Short parallel chamfer, torpedo

Matches H282 carbide finisher series

● 8877
877
● 6877



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016
L	mm	6,0	6,0	6,0	6,0	6,0

短柄高速 · Friction Grip short (FGS)



806 313 288514 ...

● 8877.313. ... - - 012 - -

806 313 288534 ...

● 6877.313. ... - - 012 - -

FG - Friction Grip (FG)



806 314 288514 ...

● 8877.314. ... ■009 ■010 012 014 016

806 314 288524 ...

● 877.314. ... ■009 ■010 012 - -

806 314 288534 ...

● 6877.314. ... - ■010 012 - -

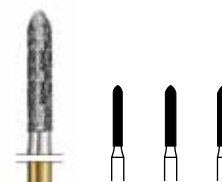
■ = ○_{max} 160000 min⁻¹/rpm

短平行无角肩台型，鱼雷形头部与H282系列碳化钨表面精修器械匹配

Short parallel chamfer, torpedo

Matches H282 carbide finisher series

● S 6878



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	8,0	8,0	8,0

FG - Friction Grip (FG)



● S6878.314. ...

+012 014 016

+ = ○_{max} 300000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents

DE 199 08 507

EP 1 031 325

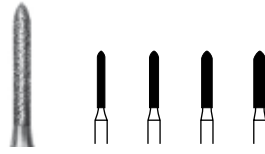
平行无角肩台型，鱼雷形与H283系列碳化钨表面精修器械匹配

Parallel chamfer, torpedo

Matches H283 carbide finisher series



- 878 EF
- 8878
- 878
- 6878
- 5878



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016
L	mm	8,0	8,0	8,0	8,0

短柄高速 · Friction Grip short (FGS)



806 313 289514 ...

●	8878.313. ...	-	+012	-	-
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806 313 289524 ...

	878.313. ...	-	+012	-	-
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806 313 289534 ...

●	6878.313. ...	-	-	014	-
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FG - Friction Grip (FG)



806 314 289504 ...

●	878EF.314. ...	-	+012	014	-
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806 314 289514 ...

●	8878.314. ...	+010	+012	014	016
------------------------------------	----------------------	------	------	-----	-----

806 314 289524 ...

	878.314. ...	+010	+012	014	016
--	---------------------	------	------	-----	-----

806 314 289534 ...

●	6878.314. ...	+010	+012	014	016
--------------------------------------	----------------------	------	------	-----	-----

806 314 289544 ...

●	5878.314. ...	-	-	014	-
--------------------------------------	----------------------	---	---	-----	---

■ = \odot_{max} 160000 min⁻¹/rpm

+ = \odot_{max} 300000 min⁻¹/rpm

平行无角肩台型，鱼雷形与H283系列碳化钨表面精修器械匹配

Parallel chamfer, torpedo

Matches H283 carbide finisher series



S 6879



		5	5	5
尺寸 · Size	Ø 1/10 mm	012	014	016
L	mm	10,0	10,0	10,0

FG · Friction Grip (FG)



S6879.314. ...	012	+014	+016
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■ = \odot_{max} 160000 min⁻¹/rpm

+ = \odot_{max} 300000 min⁻¹/rpm

实用新型专利, 专利 / Utility model, patents
DE 199 08 507
EP 1 031 325

长平行无角肩台型, 鱼雷形与H284系列碳化钨表面
精修器械匹配

Long parallel chamfer, torpedo

Matches H284 carbide finisher series



879 EF

8879

879

6879



		5	5	5	5
尺寸 · Size	Ø 1/10 mm	010	012	014	016
L	mm	10,0	10,0	10,0	10,0

FG · Friction Grip (FG)



879EF.314. ...	-	012	+014	-
-----------------------	---	-----	------	---

879EF.314. ...	-	012	+014	-
-----------------------	---	-----	------	---

8879.314. ...	010	012	+014	+016
----------------------	-----	-----	------	------

8879.314. ...	010	012	+014	+016
----------------------	-----	-----	------	------

879.314. ...	010	012	+014	-
---------------------	-----	-----	------	---

879.314. ...	010	012	+014	-
---------------------	-----	-----	------	---

6879.314. ...	-	012	+014	+016
----------------------	---	-----	------	------

6879.314. ...	-	012	+014	+016
----------------------	---	-----	------	------

■ = \odot_{max} 160000 min⁻¹/rpm

+ = \odot_{max} 300000 min⁻¹/rpm

长平行无角肩台型, 鱼雷形与H284系列碳化钨表面
精修器械匹配

Long parallel chamfer, torpedo

Matches H284 carbide finisher series



8879 L

879 L



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	12,0

FG · Friction Grip (FG)



8879L.314. ...	014
-----------------------	-----

8879L.314. ...	014
-----------------------	-----

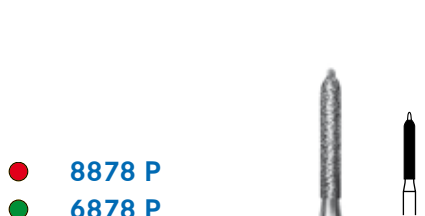
879L.314. ...	014
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879L.314. ...	014
----------------------	-----

\odot_{max} 160000 min⁻¹/rpm

长平行无角肩台型, 鱼雷形

Long parallel chamfer, torpedo



8878 P

6878 P



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	8,0
L ₁	mm	1,0

FG · Friction Grip (FG)



8878P.314. ...	014
-----------------------	-----

8878P.314. ...	014
-----------------------	-----

6878P.314. ...	014
-----------------------	-----

6878P.314. ...	014
-----------------------	-----

\odot_{max} 160000 min⁻¹/rpm

平行无角肩台型, 鱼雷形与H283系列碳化钨表面
精修器械匹配在牙冠边缘生产深度为0.45mm的切开

Parallel chamfer, torpedo

Matches H283 carbide finisher series

Creates a cutting depth of 0.45 mm at the crown margin

- **8876 K**
- **876 K**
- **6876 K**



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	5,0
角度 · Angle	α	2°

FG · Friction Grip (FG)

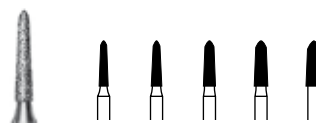


●	806 314 296514 ...	8876K.314. ...	012
	806 314 296524 ...	876K.314. ...	012
●	806 314 296534 ...	6876K.314. ...	012

短锥状无角肩台型，鱼雷形与H281K系列碳化钨表面精修器械匹配

Short tapered chamfer, torpedo
Matches H281K carbide finisher series

- **8877 K**
- **877 K**
- **6877 K**
- **5877 K**



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021
L	mm	6,0	6,0	6,0	6,0	6,0
角度 · Angle	α	2°	2°	2°	2°	2°

FG · Friction Grip (FG)



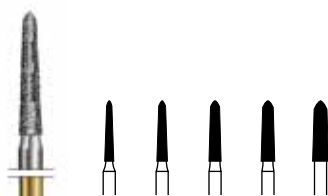
●	806 314 297514 ...	8877K.314. ...	-	014	016	-	-
	806 314 297524 ...	877K.314. ...	012	014	016	-	-
●	806 314 297534 ...	6877K.314. ...	012	014	016	018	+021
●	806 314 297544 ...	5877K.314. ...	-	-	016	-	-

+ = \odot_{max} 300000 min⁻¹/rpm

短锥状无角肩台型，鱼雷形与H282K系列碳化钨表面精修器械匹配

Short tapered chamfer, torpedo
Matches H282K carbide finisher series

- **S 6878 K**



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021
L	mm	8,0	8,0	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°	2°	2°

FG · Friction Grip (FG)



●	S6878K.314. ...	+012	014	016	018	+021
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+ = \odot_{max} 300000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents
DE 199 08 507
EP 1 031 325

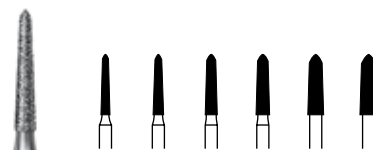
截锥形无角肩台型，鱼雷形与H283K系列碳化钨表面精修器械匹配

Tapered chamfer, torpedo
Matches H283K carbide finisher series



冠预备
改良肩台，鱼雷形
Crown preparation
Modified chamfer, torpedo

- 8878 K
- 878 K
- 6878 K
- 5878 K



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021	023
L	mm	8,0	8,0	8,0	8,0	8,0	8,0
角度 · Angle	α	2°	2°	2°	2°	2°	2°

FG - Friction Grip (FG)



806 314 298514 ...	●	8878K.314. ...	+012	014	016	018	+021	-
806 314 298524 ...	●	878K.314. ...	+012	014	016	018	+021	-
806 314 298534 ...	●	6878K.314. ...	+012	014	016	018	+021	+023
806 314 298544 ...	●	5878K.314. ...	-	-	016	018	-	-

+ = \varnothing_{\max} 300000 min⁻¹/rpm

截锥形无角肩台型，鱼雷形与H283K系列碳化钨表面
精修器械匹配

Tapered chamfer, torpedo

Matches H283K carbide finisher series

- 8878 KP
- 878 KP



		5	5
尺寸 · Size	∅ 1/10 mm	018	021
L	mm	8,0	8,0
L ₁	mm	0,5	0,5
角度 · Angle	α	2°	2°

FG - Friction Grip (FG)



806 314 298514 ...	●	8878KP.314. ...	018	021
806 314 298524 ...	●	878KP.314. ...	018	021

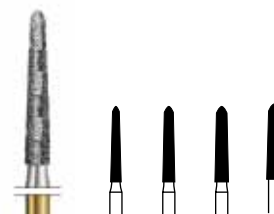
\varnothing_{\max} 160000 min⁻¹/rpm

截锥形无角肩台型，鱼雷形可在牙冠边缘形成
0.38mm (018号) 或0.54mm (022号) 的切割深度

Tapered chamfer, torpedo

Creates a cutting depth of 0.38 mm (size 018) or
0.54 mm (size 021) at the crown margin

- S 6879 K



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	014	016	018	021
L	mm	10,0	10,0	10,0	10,0
角度 · Angle	α	2°	2°	2°	2°

FG - Friction Grip (FG)



806 314 298534 ...	●	S6879K.314. ...	014	016	018	021
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\varnothing_{\max} 300000 min⁻¹/rpm

实用新型专利。专利/Utility model, patents

DE 199 08 507

EP 1 031 325

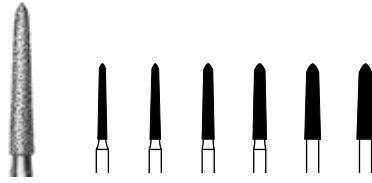
长截锥形无角肩台型，鱼雷形与H284K系列碳化钨表
面精修器械匹配

Long tapered chamfer, torpedo

Matches H284K carbide finisher series



- 8879 K
- 879 K
- 6879 K
- 5879 K



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021	023
L	mm	10,0	10,0	10,0	10,0	10,0	10,0
角度 · Angle	α	2°	2°	2°	2°	2°	2°

FG - Friction Grip (FG)



806 314 299514 ...	●	8879K.314. ...	012	014	016	018	021	-
806 314 299524 ...	●	879K.314. ...	012	014	016	018	-	-
806 314 299534 ...	●	6879K.314. ...	012	014	016	018	021	023
806 314 299544 ...	●	5879K.314. ...	-	-	016	018	-	-

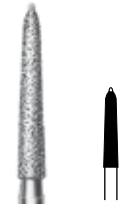
⊙_{max.} 300000 min⁻¹/rpm

长截锥形无角肩台型，鱼雷形与H284K系列碳化钨表面精修器械匹配

Long tapered chamfer, torpedo

Matches H284K carbide finisher series

- 8879 KP
- 879 KP



		5
尺寸 · Size	∅ 1/10 mm	018
L	mm	10,0
L ₁	mm	0,5
角度 · Angle	α	2°

FG - Friction Grip (FG)



806 314 299514 ...	●	8879KP.314. ...	018
806 314 299524 ...	●	879KP.314. ...	018

⊙_{max.} 160000 min⁻¹/rpm

长截锥形无角肩台型，鱼雷形用来在牙冠边缘形成0.33mm的切削深度

Long tapered chamfer, torpedo

Creates a cutting depth of 0.33 mm at the crown margin

- S 6368



		5	5
尺寸 · Size	∅ 1/10 mm	016	023
L	mm	3,0	5,0

FG - Friction Grip (FG)



806 314 299514 ...	●	S6368.314. ...	016	023
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⊙_{max.} 300000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents

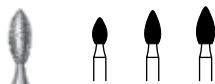
DE 199 08 507

EP 1 031 325

花蕾形，磨低咬合面/舌侧

Bud, occlusal/lingual reduction

- 368 UF
- 368 EF
- 8368
- 368
- 6368
- 5368



		5	5	5
尺寸 · Size	Ø 1/10 mm	016	021	023
L	mm	3,0	4,5	5,0

FG - Friction Grip (FG)



806 314 257494 ...	○	368UF.314. ...	016	-	+023
806 314 257504 ...	●	368EF.314. ...	016	+021	+023
806 314 257514 ...	●	8368.314. ...	016	+021	+023
806 314 257524 ...		368.314. ...	016	+021	+023
806 314 257534 ...	●	6368.314. ...	016	-	+023
806 314 257544 ...	●	5368.314. ...	-	-	+023

FGL - Friction Grip Long (FGL)



806 315 257504 ...	●	368EF.315. ...	-	-	+023
806 315 257514 ...	●	8368.315. ...	-	-	+023

RA - Right-angle (RA)



806 204 257504 ...	●	368EF.204. ...	-	-	023
806 204 257514 ...	●	8368.204. ...	016	-	023
806 204 257524 ...		368.204. ...	-	-	023

■ = ○_{max.} 100000 min⁻¹/rpm
 + = ○_{max.} 300000 min⁻¹/rpm
 花蕾形, 咬合面/舌侧打磨
 Bud, occlusal/lingual reduction

- 368 LEF
- 8368 L



		5
尺寸 · Size	Ø 1/10 mm	016
L	mm	4,5

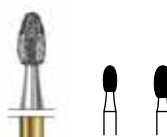
FG - Friction Grip (FG)



806 314 257504 ...	●	368LEF.314. ...	016
806 314 257514 ...	●	8368L.314. ...	016

花蕾形, 长
 Bud, long

- S 6379



		5	5
尺寸 · Size	Ø 1/10 mm	018	023
L	mm	3,4	4,1

FG - Friction Grip (FG)



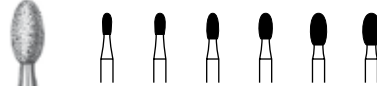
806 314 257504 ...	●	S6379.314. ...	018	+023
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+ = ○_{max.} 300000 min⁻¹/rpm
 实用新型专利, 专利/Utility model, patents
 DE 199 08 507
 EP 1 031 325

卵形/橄榄球形, 磨低咬合面/舌侧与H379系列碳化钨表面精修器械匹配
 Egg/Football, occlusal/lingual reduction
 Matches H379 carbide finisher series



- 379 UF
- 379 EF
- 8379
- 379
- 6379
- 5379



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	018	021	023
L	mm	2,8	2,8	3,4	3,4	4,2	4,2
特殊名称 · Special name		-	-	-	-	-	OSD1F

FG · Friction Grip (FG)



806 314 277494 ...	○	379UF.314. ...	-	-	-	-	-	+023
806 314 277504 ...	●	379EF.314. ...	-	-	-	018	-	+023
806 314 277514 ...	●	8379.314. ...	012	014	016	018	+021	+023
806 314 277524 ...	●	379.314. ...	-	014	-	018	-	+023
806 314 277534 ...	●	6379.314. ...	-	-	-	-	-	+023
806 314 277544 ...	●	5379.314. ...	-	-	-	-	-	+023

FGL · Friction Grip long (FGL)



806 315 277504 ...	●	379EF.315. ...	-	-	-	-	-	+023
806 315 277514 ...	●	8379.315. ...	-	-	-	-	-	+023
806 315 277534 ...	●	6379.315. ...	-	-	-	-	-	+023

RA · Right-angle (RA)



806 204 277514 ...	●	8379.204. ...	-	-	-	-	-	■023
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■ = ○_{max.} 100000 min⁻¹/rpm

+ = ○_{max.} 300000 min⁻¹/rpm

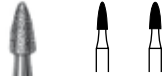
卵形/橄榄球形, 咬合面/舌面打磨与H379R系列碳

化钨表面精修器械匹配

Egg/Football, occlusal/lingual reduction

Matches H379 carbide finisher series

- 390 UF
- 390 EF
- 8390
- 390



		5	5
尺寸 · Size	∅ 1/10 mm	014	016
L	mm	3,4	3,5

FG · Friction Grip (FG)



- 806 314 274494 ...
- 390UF.314. ... - 016
- 806 314 274504 ...
- 390EF.314. ... - 016
- 806 314 274514 ...
- 8390.314. ... 014 016
- 806 314 274524 ...
- 390.314. ... - 016

手雷形
Grenade

- 972 EF
- 8972



		5	
尺寸 · Size	∅ 1/10 mm	020	
L	mm	4,0	

FG · Friction Grip (FG)



- 972EF.314. ... 020
- 8972.314. ... 020

○_{max} 300000 min⁻¹/rpm
手雷形, 圆头
Grenade, round end

- 6883



		5	
尺寸 · Size	∅ 1/10 mm	010	
L	mm	3,0	

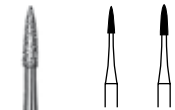
FG · Friction Grip (FG)



- 806 314 539534 ...
- 6883.314. ... 010

○_{max} 300000 min⁻¹/rpm
带尖
Pointed

- 8889
- 889
- 6889



		5	5
尺寸 · Size	∅ 1/10 mm	009	010
L	mm	3,5	4,0

FG · Friction Grip (FG)



- 806 314 540514 ...
- 8889.314. ... 009 010
- 806 314 540524 ...
- 889.314. ... 009 -
- 806 314 540534 ...
- 6889.314. ... 009 010

○_{max} 300000 min⁻¹/rpm
针形
Needle



888



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	8,0

FG · Friction Grip (FG)

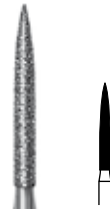


806 314 496524 ...

888.314. ... 012

○_{max} 300000 min⁻¹/rpm
火焰形, 细长形
Flame, slim version

8864
864



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	12,0

FG · Friction Grip (FG)



806 314 251514 ...

8864.314. ... 014

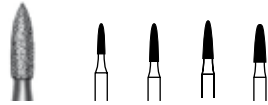
806 314 251524 ...

864.314. ... 014

○_{max} 160000 min⁻¹/rpm
火焰形, 超长
Flame, extra long

146

860 EF
8860
860
6860



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016
L	mm	4,0	5,0	5,0	5,0

FG · Friction Grip (FG)



806 314 245504 ...

860EF.314. ... - 012 - -

806 314 245514 ...

8860.314. ... - 012 - -

806 314 245524 ...

860.314. ... 010 012 014 016

806 314 245534 ...

6860.314. ... 010 012 014 -

RA · Right-angle (RA)



806 204 245514 ...

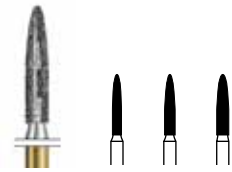
8860.204. ... - 012 - -

806 204 245524 ...

860.204. ... - 012 - -

■ = ○_{max} 100000 min⁻¹/rpm
火焰形, 短
Flame, short

S 6862



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016
L	mm	8,0	8,0	8,0

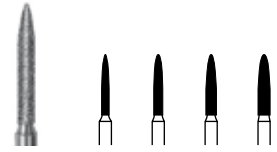
FG · Friction Grip (FG)



S6862.314. ... 012 014 016

○_{max} 300000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325
火焰形
与H48L系列碳化钨表面精修器械匹配
Flame
Matches H48L carbide finisher series

- 862 UF
- 862 EF
- 8862
- 862
- 6862
- 5862



冠预备
飞边
Crown preparation
Feather edge



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016
L	mm	8,0	8,0	8,0	8,0

短柄高速 · Friction Grip short (FGS)



806 313 249534 ...

● 6862.313. ...	-	+012	-	-
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FG · Friction Grip (FG)



806 314 249494 ...

○ 862UF.314. ...	-	+012	-	-
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806 314 249504 ...

● 862EF.314. ...	+010	+012	-	016
------------------	------	------	---	-----

806 314 249514 ...

● 8862.314. ...	+010	+012	014	016
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806 314 249524 ...

● 862.314. ...	+010	+012	014	016
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806 314 249534 ...

● 6862.314. ...	-	+012	014	016
-----------------	---	------	-----	-----

806 314 249544 ...

● 5862.314. ...	-	+012	-	-
-----------------	---	------	---	---

RA · Right-angle (RA)



806 204 249504 ...

● 862EF.204. ...	-	■012	-	-
------------------	---	------	---	---

806 204 249514 ...

● 8862.204. ...	-	■012	-	-
-----------------	---	------	---	---

806 204 249524 ...

● 862.204. ...	-	-	■014	-
----------------	---	---	------	---

■ = \odot_{max} 100000 min⁻¹/rpm

+ = \odot_{max} 300000 min⁻¹/rpm

火焰形与H48L系列碳化钨表面精修器械匹配

Flame

Matches H48L carbide finisher series



● **6862 D**

		5	5
尺寸 · Size	∅ 1/10 mm	012	016
L	mm	8,0	8,0

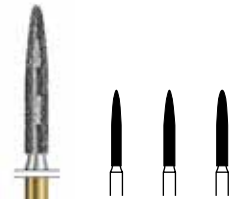
FG · Friction Grip (FG)



●	6862D.314. ...	012	016
---	-----------------------	-----	-----

○_{max} 300000 min⁻¹/rpm
火焰形
深度标记在2,4和6mm
Flame
Depth marking at 2, 4 and 6 mm

new



● **S 6863**

			5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	016	
L	mm	10,0	10,0	10,0	

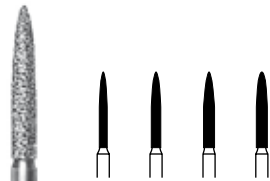
FG · Friction Grip (FG)



●	S6863.314. ...	012	014	016
---	-----------------------	-----	-----	-----

○_{max} 300000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325
火焰形, 长
Flame, long

- **863 UF**
- **863 EF**
- **8863**
- **863**
- **6863**
- **5863**



			5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014	016	
L	mm	10,0	10,0	10,0	10,0	

FG · Friction Grip (FG)



○	806 314 250494 ...				
○	863UF.314. ...	-	+012	-	-
○	806 314 250504 ...				
●	863EF.314. ...	+010	+012	-	+016
○	806 314 250514 ...				
●	8863.314. ...	+010	+012	+014	+016
○	806 314 250524 ...				
●	863.314. ...	-	+012	-	+016
○	806 314 250534 ...				
●	6863.314. ...	-	+012	+014	+016
○	806 314 250544 ...				
●	5863.314. ...	-	-	-	+016

RA · Right-angle (RA)



○	806 204 250514 ...				
●	8863.204. ...	-	■012	-	-
○	806 204 250524 ...				
●	863.204. ...	-	■012	-	■016

■ = ○_{max} 100000 min⁻¹/rpm
+ = ○_{max} 300000 min⁻¹/rpm
火焰形, 长
Flame, long



825

		5	5
尺寸 · Size	∅ 1/10 mm	016	023

FG · Friction Grip (FG)



	806 314 304524 ...		
	825.314. ...	016	+023

+ = ○_{max} 300000 min⁻¹/rpm
透镜形
Lenticular

贴面技术

Veneer Technique

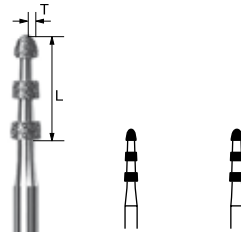
One of the preconditions for the clinical success of veneers is a systematic, conservative preparation. On one hand, a certain amount of material needs to be removed, on the other hand, care has to be taken not to penetrate too deeply into the enamel.

In cooperation with Private Lecturer Dr. Ahlers, we have developed innovative depth markers which allow safe control of the penetration depth.

成功贴面的一个先决条件是要做系统的，保守的预备。一方面，一定量的材料要被去除，另一方面，要关注不能渗透到太深的釉质层。

与私人讲师Ahlers博士的合作，我们研发出了能够安全控制预备深度的定深车针。





868 B



		5	5
尺寸 · Size	∅ 1/10 mm	018	020
L	mm	7,0	7,0
T	mm	0,3	0,4

FG · Friction Grip (FG)



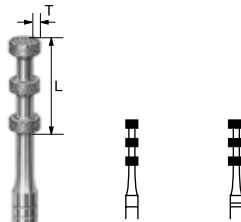
868B.314. ...

018 020

150

贴面
锥形定深车针
Veneering
Tapered depth marker

○_{max} 160000 min⁻¹/rpm
贴面技术深度标记车针，截锥形T=切割深度与868金刚砂预备器械相匹配我们建议使用套装4388
Depth marker for veneer technique, tapered
T = Cutting depth
Matches 868 diamond preparation instrument
We recommend Set 4388



834

		5	5
尺寸 · Size	∅ 1/10 mm	016	021
L	mm	6,0	6,0
T	mm	0,3	0,5

FG · Friction Grip (FG)



806 314 552524 ...

834.314. ...

016 021

○_{max} 160000 min⁻¹/rpm
用于贴面技术的深度标记车针，柱形T=切割深度我们建议使用4151套装
Depth marker for veneer technique, cylinder
T = Cutting depth
We recommend Set 4151



6844

		5	5
尺寸 · Size	∅ 1/10 mm	014	016
L	mm	10,0	10,0
L ₁	mm	1,5	1,5
角度 · Angle	α	1,8°	2°

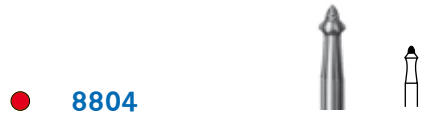
FG · Friction Grip (FG)



6844.314. ...

014 016

○_{max} 300000 min⁻¹/rpm
长截锥形两种颗粒度的器械（细颗粒/粗颗粒）用于贴面技术，沿轴向直径缩小
Tapered long
Two-grit instrument (fine grit/coarse grit) for veneer technique, axial reduction



● **8804**



		5
尺寸 · Size	∅ 1/10 mm	009
L	mm	1,0

FG · Friction Grip (FG)



806 314 473514 ...

● **8804.314. ...** **009**

窝洞边缘修整器/咬合面修整
Cavity margin trimmer/occlusal trimming



833 A



		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	1,5

FG · Friction Grip (FG)



806 314 463524 ...

833A.314. ... **025**

⊙_{max} 160000 min⁻¹/rpm
窝洞边缘修整器/咬合面修整
Cavity margin trimmer/occlusal trimming



● **8833**



		5
尺寸 · Size	∅ 1/10 mm	031
L	mm	3,6

FG · Friction Grip (FG)



806 314 466514 ...

● **8833.314. ...** **031**

⊙_{max} 140000 min⁻¹/rpm
窝洞边缘修整/咬合面修整器械
Cavity margin trimmer/occlusal trimming



369



		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	5,5

FG · Friction Grip (FG)



806 314 263524 ...

369.314. ... **025**

⊙_{max} 160000 min⁻¹/rpm
磨低咬合面/腭侧
Occlusal/palatal reduction



● **8899**
899



		5	5	5
尺寸 · Size	∅ 1/10 mm	021	027	031
L	mm	6,5	7,0	7,0

FG · Friction Grip (FG)



806 314 033514 ...

● **8899.314. ...** +021 027 031

806 314 033524 ...

● **899.314. ...** +021 027 031

□ = ∅_{max} 140000 min⁻¹/rpm
■ = ∅_{max} 160000 min⁻¹/rpm
+ = ∅_{max} 300000 min⁻¹/rpm

磨低咬合面/腭侧
Occlusal/palatal reduction



● **6369 A**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	5,7

FG · Friction Grip (FG)



806 314 507534 ...

● **6369A.314. ...** 023

∅_{max} 300000 min⁻¹/rpm
磨低咬合面
Occlusal reduction



811



		5	5
尺寸 · Size	∅ 1/10 mm	033	037
L	mm	4,3	7,0

FG · Friction Grip (FG)



806 314 038524 ...

● **811.314. ...** 033 037

∅_{max} 100000 min⁻¹/rpm
磨低咬合面/腭侧
Occlusal/palatal reduction



● **973 EF**
● **8973**
973



		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	4,7

FG · Friction Grip (FG)

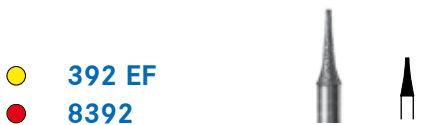


● **973EF.314. ...** 021

● **8973.314. ...** 021

● **973.314. ...** 021

∅_{max} 300000 min⁻¹/rpm
咬合面修整
Occlusal trimming



● **392 EF**
● **8392**



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	5,0

FG · Friction Grip (FG)



806 314 465504 ...

● **392EF.314. ...** 016

806 314 465514 ...

● **8392.314. ...** 016

邻面修整
Interproximal trimming



冠预备
打开咬合面
Crown preparation
Occlusal reduction

- 909
- 6909
- 5909



		5	5
尺寸 · Size	∅ 1/10 mm	040	055
L	mm	1,3	2,4

FG - Friction Grip (FG)



806 314 068524 ...

909.314. ...

■040

◇055

806 314 068534 ...

6909.314. ...

■040

-

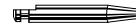
806 314 068544 ...

5909.314. ...

■040

-

RA - Right-angle (RA)



806 204 068524 ...

909.204. ...

■040

◇055

◇ = \odot_{max} 50000 min⁻¹/rpm

◆ = \odot_{max} 80000 min⁻¹/rpm

■ = \odot_{max} 100000 min⁻¹/rpm

轮形磨低咬合面

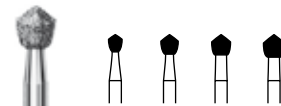
Round edge wheel

Occlusal reduction



复合树脂
咬合面修形/精修
Composite
Occlusal shaping/finishing

- 8905
- 905



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	018	023	027	031
L	mm	2,3	2,8	2,9	3,1

FGS - Friction Grip short (FGS)



8905.313. ...

+018

■023

■027

■031

905.313. ...

+018

■023

■027

■031

■ = \odot_{max} 140000 min⁻¹/rpm

■ = \odot_{max} 160000 min⁻¹/rpm

+ = \odot_{max} 300000 min⁻¹/rpm

用于咬合面修整建议使用4336A套装

For occlusal trimming

We recommend set 4336A



4336 A.000



咬合面预备套装
Set for preparation of occlusal surfaces

	905.313.018	1	
	905.313.023	1	
	905.313.027	1	
	905.313.031	1	
●	8905.313.018	1	
●	8905.313.023	1	
●	8905.313.027	1	
●	8905.313.031	1	
○	H379UF.314.014	1	
○	H390UF.314.016	1	



微创预备器械

Micropreparation

Instruments for precise micropreparations

Micropreparations require instruments with small working parts and slender necks, as included in the instrument kits by Dr. Neumeier.

Advantages:

- Better vision during preparation
- Precise material reduction due to the choice of different diamond particle sizes
- Minimally invasive shaping of the cavities and maximum preservation of sound tooth substance
- Predictable results

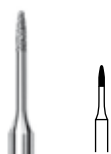
微创预备的精确器械

微创预备需要工作间小，细长颈的器械，Neumeier博士的套装中提供该器械。

优点：

- 预备时视野清晰
- 选择不同的金刚砂货号，尺寸能够做到精确的清除材料
- 窝洞的微创修形和最大化保护健康牙本质
- 有预见性的治疗结果


8889 M
889 M



8889M.313. ... 007

889M.314. ... 007

8838 M
838 M

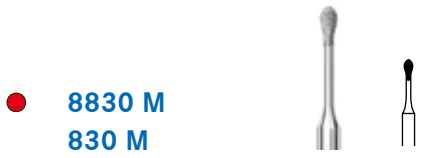


8838M.313. ... 007

838M.314. ... 007

⊙_{max} 300000 min⁻¹/rpm
微矛形
Micro lance

⊙_{max} 300000 min⁻¹/rpm
微圆柱形，圆头
Micro cylinder, round



● **8830 M**
830 M



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	2,7

FGS · Friction Grip short (FGS)



830M.313. ... 012

FG · Friction Grip (FG)



● **8830M.314. ...** 012

830M.314. ... 012

○_{max} 160000 min⁻¹/rpm
特殊微梨形
Micro pear, special



● **8830 RM**
830 RM



		5
尺寸 · Size	∅ 1/10 mm	009
L	mm	2,7

FGS · Friction Grip short (FGS)



830RM.313. ... 009

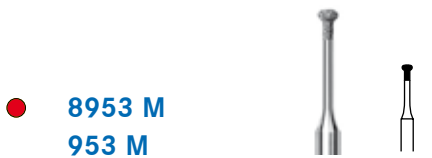
FG · Friction Grip (FG)



● **8830RM.314. ...** 009

830RM.314. ... 009

○_{max} 300000 min⁻¹/rpm
细长微梨形
Micro pear, slim



● **8953 M**
953 M



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	2,0

FGS · Friction Grip short (FGS)



953M.313. ... 014

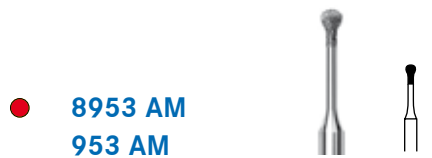
FG · Friction Grip (FG)



● **8953M.314. ...** 014

953M.314. ... 014

○_{max} 160000 min⁻¹/rpm
微卵形
Micro oval



● **8953 AM**
953 AM



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	2,5

FGS · Friction Grip short (FGS)



953AM.313. ... 014

FG · Friction Grip (FG)

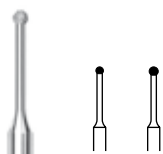


● **8953AM.314. ...** 014

953AM.314. ... 014

○_{max} 160000 min⁻¹/rpm
宽微梨形
Micro pear, wide

801 M



		5	5
尺寸 · Size	∅ 1/10 mm	010	012

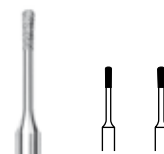
FG · Friction Grip (FG)



801M.314. ... 010 012

⊙_{max.} 160000 min⁻¹/rpm
微型球钻形
Micro round

830 AM



		5	5
尺寸 · Size	∅ 1/10 mm	008	010

L	mm	2,7	2,7
---	----	-----	-----

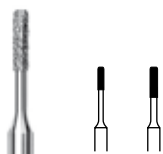
FG · Friction Grip (FG)



830AM.314. ... 008 010

⊙_{max.} 160000 min⁻¹/rpm
微梨形
Micro pear

835 KRM



		5	5
尺寸 · Size	∅ 1/10 mm	008	010

L	mm	3,0	4,0
---	----	-----	-----

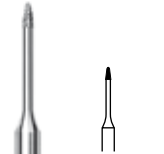
FG · Friction Grip (FG)



835KRM.314. ... 008 010

⊙_{max.} 160000 min⁻¹/rpm
微圆柱形, 边缘圆化
Micro cylinder, rounded edge

883 AM



		5
尺寸 · Size	∅ 1/10 mm	007

L	mm	1,6
---	----	-----

FG · Friction Grip (FG)



883AM.314. ... 007

⊙_{max.} 160000 min⁻¹/rpm
微手雷形
Micro grenade

955 AM



		5
尺寸 · Size	∅ 1/10 mm	007

L	mm	1,6
---	----	-----

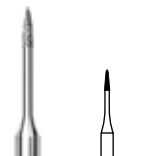
FG · Friction Grip (FG)



955AM.314. ... 007

⊙_{max.} 160000 min⁻¹/rpm
微针形
Micro, pointed

957 AM



		5
尺寸 · Size	∅ 1/10 mm	007

L	mm	2,7
---	----	-----

FG · Friction Grip (FG)



957AM.314. ... 007

⊙_{max.} 160000 min⁻¹/rpm
微矛形, 尖头
Micro lance, pointed



4383.314



微创修复车针套装 (依照按照Stefan Neumeyer博士的建议)
Set for minimally invasive restoration according to Dr. Stefan Neumeyer



4337.313



微创预备套装 (依照按照Stefan Neumeyer博士的建议)
Micropreparation set according to Dr. Stefan Neumeyer



4337.314



微创预备套装 (依照按照Stefan Neumeyer博士的建议)
Micropreparation set according to Dr. Stefan Neumeyer



4337 F.314



微创预备车针套装 (依照按照Stefan Neumeyer博士的建议)
Micropreparation set according to Dr. Stefan Neumeyer

ZR-系列金刚砂车针



ZR-Diamonds

Grinding of ceramic abutments, trepanation, removal or fitting of ceramic restorations made of ZrO_2 is very difficult to manage with conventional instruments. The instruments for zirconia were developed in comprehensive test series. The special coating bonds the diamond grains durably into the bonding layer so that these abrasives instruments feature a considerably longer operating life and greater material reduction compared to conventional diamond instruments. The instruments for zirconia are available in different grit sizes. For removing crowns made of zirconium oxide, we recommend our crown cutter 4ZR for zirconia.

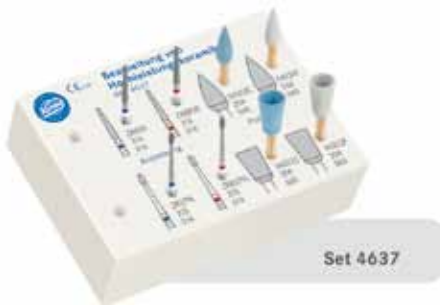
当研磨临近陶瓷材料，环钻术，清除二氧化锆材料的瓷修复填充物对于普通器械来说是非常困难的。这些二氧化锆器械是在全面的测试中研发的。特殊涂层保证金刚砂颗粒在粘结层的耐用性。因此，这些器械的使用寿命长久，相对于传统金刚砂器械来讲，其切削力强。二氧化锆器械也有不同的沙粒尺寸。在清除二氧化锆冠的时候，我们推荐您使用冠切割4ZR。

优点：

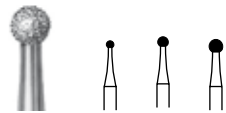
- 特殊的涂层使金刚砂颗粒不易脱落
- 高效的清除牙本质
- 使用寿命长
- 提供不同的形状满足您的需求

Advantages:

- Special bonding for durable bonding of the diamond grain
- High substance removal
- Very long operating life
- Shapes adapted to practice requirements



● ○ ZR 6801



尺寸 · Size	Ø 1/10 mm	010	014	018
-----------	-----------	-----	-----	-----

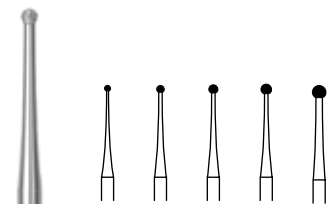
FG · Friction Grip (FG)



● ○ ZR6801.314. ...	010	014	018
---------------------	-----	-----	-----

圆头，用于二氧化锆冠环钻术
Round, for trepanation of zirconia crowns

● ○ ZR 8801 L ● ○ ZR 801 L ● ○ ZR 6801 L



尺寸 · Size	Ø 1/10 mm	008	010	012	014	018
-----------	-----------	-----	-----	-----	-----	-----

FGL · Friction Grip long (FGL)



● ○ ZR8801L.315. ...	008	010	-	014	018
● ○ ZR801L.315. ...	-	-	012	014	-
● ○ ZR6801L.315. ...	-	-	-	014	018

○_{max} 300000 min⁻¹/rpm
球钻，长颈
Round, with long neck



new



●○ ZR 6390



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	3,5

FG · Friction Grip (FG)



●○ ZR6390.314. ... 016

手雷形
Grenade



●○ ZR 8972

●○ ZR 972



		5
尺寸 · Size	∅ 1/10 mm	020
L	mm	4,0

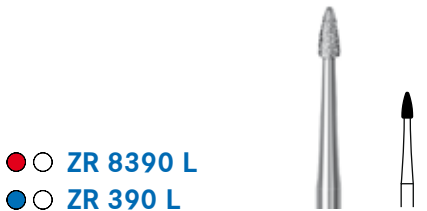
FG · Friction Grip (FG)



●○ ZR8972.314. ... 020

●○ ZR972.314. ... 020

○_{max} 300000 min⁻¹/rpm
手雷形
Grenade



●○ ZR 8390 L

●○ ZR 390 L



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	3,4

FGL · Friction Grip long (FGL)



●○ ZR8390L.315. ... 014

●○ ZR390L.315. ... 014

○_{max} 300000 min⁻¹/rpm
手雷形, 长颈
Grenade, with long neck



●○ ZR 8881

●○ ZR 6881



		5	5
尺寸 · Size	∅ 1/10 mm	012	016
L	mm	8,0	8,0

FG · Friction Grip (FG)



●○ ZR6881.314. ... 012 016

FGL · Friction Grip long (FGL)



●○ ZR8881.315. ... - +016

+ = ○_{max} 300000 min⁻¹/rpm
圆柱形, 圆头
Cylinder, round



●○ ZR 6856



		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	8,0

FG · Friction Grip (FG)



●○ ZR6856.314. ... 025

○_{max} 300000 min⁻¹/rpm
圆形末端, 锥形
Round end taper



●○ ZR 6830 L



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	5,0

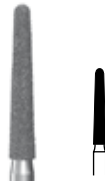
FG · Friction Grip (FG)



●○ ZR6830L.314. ... 014

梨形
Pear

- ○ ZR 8850
- ○ ZR 850
- ○ ZR 6850



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	10,0
角度 · Angle	α	2°

FG - Friction Grip (FG)



● ○	ZR8850.314. ...	016
● ○	ZR850.314. ...	016
● ○	ZR6850.314. ...	016

长无角肩台型
Long chamfer

- ○ ZR 8863
- ○ ZR 863



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	10,0

FG - Friction Grip (FG)



● ○	ZR8863.314. ...	014
● ○	ZR863.314. ...	014

⊖_{max.} 300000 min⁻¹/rpm
火焰形
Flame

- ○ ZR 862



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,0

FG - Friction Grip (FG)



● ○	ZR862.314. ...	016
---	----------------	-----

火焰形
Flame

- ○ ZR 8379
- ○ ZR 379
- ○ ZR 6379



		5	5
尺寸 · Size	∅ 1/10 mm	014	023
L	mm	2,8	4,2

FG - Friction Grip (FG)



● ○	ZR8379.314. ...	014	-
● ○	ZR379.314. ...	014	-
● ○	ZR6379.314. ...	014	+023

+ = ⊖_{max.} 300000 min⁻¹/rpm
卵形/橄榄球形
Egg/Football

- ○ ZR 8379 L
- ○ ZR 379 L



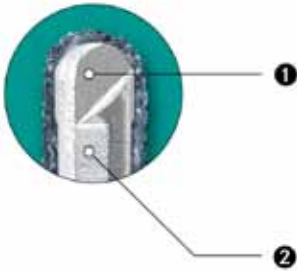
		5	5
尺寸 · Size	∅ 1/10 mm	014	023
L	mm	2,9	4,3

FGL - Friction Grip long (FGL)



● ○	ZR8379L.315. ...	014	023
● ○	ZR379L.315. ...	014	-

⊖_{max.} 300000 min⁻¹/rpm
卵形/橄榄球形, 长颈
Egg/Football, with long neck



Composite remover

Composite remover 5985 – a class of its own

Due to its outstanding construction composite fillings can be removed quickly and efficiently.

The instrument penetrates composites smoothly and reduces these materials efficiently.

- ① Good axial cutting characteristics due to special tip design
- ② Structured blank



复合树脂清除车针

复合树脂清除车针5985-本来就有的课

由于其特殊的结构，复合树脂填充物能够被快速高效的清除。

器械能够温和的渗入并高效清除材料

- ① 由于其尖端的特殊设计使它拥有0轴向切割的能力
- ② 空白的结构



●● 5985



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	4,2

FG - Friction Grip (FG)



5985.314. ...

012



清除残存的填充物
复合树脂清除
Removal of old fillings
Composite remover

实用新型专利, 专利/Utility model, patents
DE 199 08 507
EP 1 031 325

复合树脂清除车针
Composite remover



二氧化锆的冠切割

Crown Cutter fo(u)r ZrO₂

Crown cutter for zirconium oxide

The new crown cutter for zirconium oxide restorations 4ZR ("fo(u)r zirconia") has been developed especially for this particularly tedious and material wearing work. The special bonding leads to much better substance removal and a longer service life, compared to other diamond instruments.

Preferred use at a speed of $\varnothing_{opt.}$ 160,000 rpm in the red contra-angle, because the higher torque (compared to that of a traditional turbine) is recommended for cutting ZrO₂.

For trepanation or small corrections on ceramic restorations made of ZrO₂, we recommend our diamond instruments for zirconia.

Advantages:

- Special coating to ensure permanent bonding of the diamond grains
- Excellent substance removal
- Very long service life



二氧化锆的冠切割

新型针对二氧化锆修复的冠切割产品4ZR是特别为二氧化锆这种材料而特别研发的。特殊的粘结设计相比其他金刚砂器械而言，切割效率更高，使用寿命更长。

理想使用转速为160,000转每分钟，红色反角手机，因为高转矩（相对于传统涡轮手机）建议用于切割二氧化锆。

对于环钻术或二氧化锆瓷修复的细小修改，我们建议使用二氧化锆的金刚砂器械。

优点：

- 特殊的涂层确保金刚砂颗粒的永久粘结
- 出色地去除牙本质
- 使用寿命长

4 ZR



		5	5
尺寸 · Size	∅ 1/10 mm	012	014
L	mm	8,0	8,0

FG - Friction Grip (FG)



4ZR.314. ...

012 014

用于二氧化锆冠桥的打磨
For cutting of zirconia crowns and bridges



WS 25

		10
粒度类型 · Grit version		medium (45 µm)
厚度 · Thickness	mm	0,13
宽度(B) · Width (B)	mm	2,5
L	mm	148

金刚砂条带蜂窝状设计, 单面, 不锈钢
Diamond strip with honeycomb design, single sided, stainless steel



WS 25 F

		10
粒度类型 · Grit version		fine (30 µm)
厚度 · Thickness	mm	0,10
宽度(B) · Width (B)	mm	2,5
L	mm	148

金刚砂条带蜂窝状设计, 单面, 不锈钢
Diamond strip with honeycomb design, single sided, stainless steel



WS 25 EF

		10
粒度类型 · Grit version		extra-fine (15 µm)
厚度 · Thickness	mm	0,08
宽度(B) · Width (B)	mm	2,5
L	mm	148

金刚砂条带蜂窝状设计, 单面, 不锈钢
Diamond strip with honeycomb design, single sided, stainless steel



WS 25 A.000

15条包装
金刚砂条带蜂窝状设计, 单面, 不锈钢
Assortment with 15 pcs
Diamond strip with honeycomb design, single sided, stainless steel

	WS25.000.	5	
	WS25F.000.	5	
	WS25EF.000.	5	



WS 37

		10
粒度类型 · Grit version		medium (45 µm)
厚度 · Thickness	mm	0,13
宽度(B) · Width (B)	mm	3,75
L	mm	148

金刚砂条带蜂窝状设计，单面，不锈钢
Diamond strip with honeycomb design, single sided, stainless steel



WS 37 F

		10
粒度类型 · Grit version		fine (30 µm)
厚度 · Thickness	mm	0,10
宽度(B) · Width (B)	mm	3,75
L	mm	148

金刚砂条带蜂窝状设计，单面，不锈钢
Diamond strip with honeycomb design, single sided, stainless steel



WS 37 EF

		10
粒度类型 · Grit version		extra-fine (15 µm)
厚度 · Thickness	mm	0,08
宽度(B) · Width (B)	mm	3,75
L	mm	148

金刚砂条带蜂窝状设计，单面，不锈钢
Diamond strip with honeycomb design, single sided, stainless steel



WS 37 A.000

15条包装
金刚砂条带蜂窝状设计，单面，不锈钢
Assortment with 15 pcs
Diamond strip with honeycomb design, single sided, stainless steel

	WS37.000.	5	
	WS37F.000.	5	
	WS37EF.000.	5	



DS 25

		10
粒度类型 · Grit version		medium (45 µm)
厚度 · Thickness	mm	0,13
宽度(B) · Width (B)	mm	2,5
L	mm	148

金刚砂条, 单面, 不锈钢
Diamond strip, single sided, stainless steel



DS 25 F

		10
粒度类型 · Grit version		fine (30 µm)
厚度 · Thickness	mm	0,10
宽度(B) · Width (B)	mm	2,5
L	mm	148

金刚砂条, 单面, 不锈钢
Diamond strip, single sided, stainless steel



DS 25 EF

		10
粒度类型 · Grit version		extra-fine (15 µm)
厚度 · Thickness	mm	0,08
宽度(B) · Width (B)	mm	2,5
L	mm	148

金刚砂条, 单面, 不锈钢
Diamond strip, single sided, stainless steel



DS 25 A.000

15条包装
金刚砂条, 单面, 不锈钢
Assortment with 15 pcs
Diamond strip, single sided, stainless steel

	DS25.000.	5	
	DS25F.000.	5	
	DS25EF.000.	5	



DS 37

		10
粒度类型 · Grit version		medium (45 µm)
厚度 · Thickness	mm	0,13
宽度(B) · Width (B)	mm	3,75
L	mm	148

金刚砂条, 单面, 不锈钢
Diamond strip, single sided, stainless steel



DS 37 F

		10
粒度类型 · Grit version		fine (30 µm)
厚度 · Thickness	mm	0,10
宽度(B) · Width (B)	mm	3,75
L	mm	148

金刚砂条, 单面, 不锈钢
Diamond strip, single sided, stainless steel



DS 37 EF

		10
粒度类型 · Grit version		extra-fine (15 µm)
厚度 · Thickness	mm	0,08
宽度(B) · Width (B)	mm	3,75
L	mm	148

金刚砂条, 单面, 不锈钢
Diamond strip, single sided, stainless steel



DS 37 A.000

15条包装
金刚砂条, 单面, 不锈钢
Assortment with 15 pcs
Diamond strip, single sided, stainless steel

	DS37.000.	5	
	DS37F.000.	5	
	DS37EF.000.	5	



抛光碟

Finishing Disc

The finishing disc 952 ideally complements the Compo System 44 16

for controlled removal of bulk protrusions and precise contouring

- Highly flexible
- Fine diamond grit
- Homogeneous honeycomb design for controlled removal of protrusions
- Improved vision
- Quick-change-system
- Integrated locking device for safe use

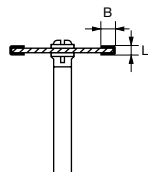
抛光碟952完美的补充了Compo系统44 16

操控性良好的邻面去釉以及精确修形

- 灵活性高
- 细金刚砂
- 蜂窝状设计，针对有操控性的邻面去釉
- 开阔视野
- 快速调整系统
- 安全使用的全面锁定系统



168



952



		1
尺寸 · Size	Ø 1/10 mm	140
L	mm	0,1
涂层 · Coating	mm	2,0

未安装 · not mounted

952.900. ...

140

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 5000 min⁻¹/rpm

用于磨去齿间多余填充材料的表面精修盘使用310型柄
Finishing disc for the reduction of excessive filling material in the interproximal area
Use with mandrel type 310

310



6

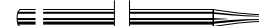
RA · Right-angle (RA)



330 204 608000 ...

310.204. ...

HP † · Handpiece (HP)



330 104 608000 ...

310.104. ...

○_{max.} 30000 min⁻¹/rpm

表面精修砂片952适用的套接式不锈钢柄
Pop-on mandrel for finishing disc 952, stainless steel



		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	7,0
L ₁	mm	14,0

RA · Right-angle (RA)



806 204 267504 ...		012
●	831EF.204. ...	
806 204 267514 ...		012
●	8831.204. ...	
806 204 267524 ...		012
	831.204. ...	

⊙_{max.} 10000 min⁻¹/rpm
用于根面平整术我们建议使用套装4362
For root planing
We recommend set 4362



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	5,0
L ₁	mm	14,0

RA · Right-angle (RA)



806 204 258504 ...		014
●	832EF.204. ...	
806 204 258514 ...		014
●	8832.204. ...	
806 204 258524 ...		014
	832.204. ...	

⊙_{max.} 10000 min⁻¹/rpm
用于根面平整术我们建议使用套装4363
For root planing
We recommend set 4362



		5
尺寸 · Size	Ø 1/10 mm	012
L	mm	7,0
L ₁	mm	19,0

RA · Right-angle (RA)



806 204 268504 ...		012
●	831LEF.204. ...	
806 204 268514 ...		012
●	8831L.204. ...	

⊙_{max.} 10000 min⁻¹/rpm
用于根面平整术我们建议使用套装4364
For root planing
We recommend set 4362



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	5,0
L ₁	mm	19,0

RA · Right-angle (RA)



806 204 259504 ...		014
●	832LEF.204. ...	
806 204 259514 ...		014
●	8832L.204. ...	

⊙_{max.} 10000 min⁻¹/rpm
用于根面平整术我们建议使用套装4362
For root planing
We recommend set 4362



- DF 1 EF
- DF 1 F
- DF 1
- DF 1 C



		5
L	mm	7,5

●	DF1EF.000. ...	•
●	DF1F.000. ...	•
●	DF1.000. ...	•
●	DF1C.000. ...	•

用于往复式手机我们建议使用套装4282
For use in the reciprocating handpiece
We recommend set 4282



4282.000



复合树脂邻面精修金刚砂锉套装
Set of diamond files for interdental finishing of composite fillings

●	DF1EF.000.	1	
●	DF1F.000.	1	
●	DF1.000.	1	
●	DF1C.000.	1	

应与往复式弯手机匹配使用
To be used in a reciprocating contra-angle

new



RCAP 1



		1
L	mm	5,0

RCAP1.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式锉刀, 金刚砂涂层, 带有配套取用工具
用于往复手机, 不锈钢
*Reciprocating file, periodontal, diamond coated, „Surfer“,
with applicator/support
For use in the reciprocating handpiece, stainless steel*

new



RCAP 2



		1
L	mm	2,5

RCAP2.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式锉刀, 牙周用, 金刚砂涂层, 带有配套取用工具
用于往复手机, 不锈钢
*Reciprocating file, periodontal, diamond coated,
„Smoother“, with applicator/support
For use in the reciprocating handpiece, stainless steel*

new



RCAP 3



		1
L	mm	4,5

RCAP3.000. ...

实用新型专利, 专利/Utility model, patents
DE 10 2009 011 584*
EP 2 403 425*
* 申请中/* pending

往复式锉刀, 牙周用, 金刚砂涂层, 带有配套取用工具
用于往复手机, 不锈钢
*Reciprocating file, periodontal, diamond coated, „Beaver“,
with applicator/support
For use in the reciprocating handpiece, stainless steel*



复合树脂抛光
Composite polishers



高亮度瓷抛光
Polishers for high-performance ceramics



瓷抛光
Ceramic polishers



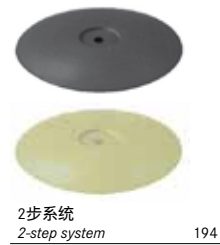
金属抛光
Metal polishers



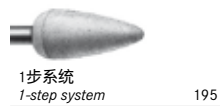
丙烯酸抛光
Acrylic polishers



临时丙烯酸抛光
Polishers for temporary acrylics



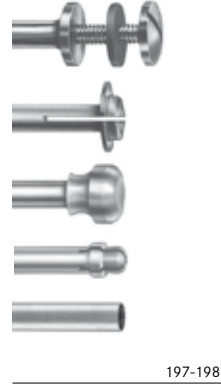
通用抛光
Universal polishers



特殊毛刷
Special brushes



轴心
Mandrels



棉擦
Cotton mop



研磨/白石
Arkansas abrasives/
White stones





Polishers  **抛光器械**

<i>Composite</i>	174 - 183	复合树脂
<i>Ceramics</i>	184 - 189	陶瓷
<i>Metal</i>	190 - 192	金属
<i>Acrylics</i>	193 - 194	丙烯酸树脂
<i>Universal polishers</i>	195	通用型抛光器械
<i>Brushes/Paste/Mandrels</i>	196 - 198	抛光刷/抛光膏/柄
<i>Arkansas abrasives/White stones</i>	199	Arkansas研磨器械/



一步复合树脂抛光

One-step Composite Polishers

There is a large range of multi-step polishing systems available on the market, yet many users do not carry out all polishing steps to save time. With these yellow polishers you can achieve a glossy surface finish with only one polishing step, provided that they are used subsequent to a finishing step. These new polishers are an unrivalled team for achieving a perfect polishing result when used in combination with our Q-Finishers.

These new polishers are an unrivalled team for achieving a perfect polishing result when used in combination with our Q-Finishers.

Advantages:

- Very flexible material due to a special silicon bond
- Temperature-resistant material (suited for treatment in the autoclave)
- The colour code (white ring for ultra fine), in line with the colour of diamond grit, ensures easy identification

如今市场上可以找到的大范围的多步抛光系统，如今许多使用者为了节省时间不再使用所有的抛光步骤。通过使用这个黄色的抛光刷，仅一步您就能得到非常光滑的抛光表面。当您结合Q系列一起使用时，您将得到无与伦比的完美抛光效果。

当您结合Q系列一起使用时，您将得到无与伦比的完美抛光效果。

优点：

- 材料非常灵活，得益于特殊的硅胶连接
- 抗高温材料（适用于高温使用）
- 色标（白色是超细），与金刚砂颜色一致，极易辨认





○ **9523 UF**



		10
尺寸 · Size	∅ 1/10 mm	030
L	mm	8,5

RA · Right-angle (RA)



○ **9523UF.204. ...** **030**

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm
含金刚砂颗粒的复合树脂材料单步法抛光器械与Q系列表面精修器械配合使用我们建议使用套装4546
One-step composite polisher interspersed with diamond grit
Use in combination with Q-Finishers
Use with spray coolant
We recommend set 4546



○ **9524 UF**



		10
尺寸 · Size	∅ 1/10 mm	050
L	mm	12,0

RA · Right-angle (RA)



○ **9524UF.204. ...** **050**

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm
含金刚砂颗粒的复合树脂材料单步法抛光器械与Q系列表面精修器械配合使用我们建议使用套装4546
One-step composite polisher interspersed with diamond grit
Use in combination with Q-Finishers
Use with spray coolant
We recommend set 4546



○ **9525 UF**



		10
尺寸 · Size	∅ 1/10 mm	085
L	mm	8,0

RA · Right-angle (RA)



○ **9525UF.204. ...** **085**

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm
含金刚砂颗粒的复合树脂材料单步法抛光器械与Q系列表面精修器械配合使用我们建议使用套装4546
One-step composite polisher interspersed with diamond grit
Use in combination with Q-Finishers
Use with spray coolant
We recommend set 4546



○ **9526 UF**



		10
尺寸 · Size	∅ 1/10 mm	100
L	mm	1,0

RA · Right-angle (RA)



○ **9526UF.204. ...** **100**

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm
含金刚砂颗粒的复合树脂材料单步法抛光器械与Q系列表面精修器械配合使用我们建议使用套装4546
One-step composite polisher interspersed with diamond grit
Use in combination with Q-Finishers
Use with spray coolant
We recommend set 4546



Compo 系统

Compo System

These innovative disposable polishers were developed in cooperation with private lecturer Dr. M. Oliver Ahlers. The Compo System is composed of polishing discs (CompoClips), polishing strips (CompoStrips) and the patented Komet pop-on mandrel.

The blue, red and white CompoClips come in two diameters (9 and 13 mm) and are provided with a honeycomb coating on both sides. The super-coarse, black CompoClips is single sided. Although it is coated with supercoarse grit, it is thin enough for interdental use. All CompoClips are to be mounted onto the popon mandrel by applying light pressure assuring secure locking of the polisher.

The transparent CompoStrips are based on the clever 3 in 1 principle. They are also coated with polishing particles in a honeycomb design. Special feature: all three grit sizes are arranged in succession on each strip. Uncoated surfaces for insertion and handy grips at the ends facilitate use.

Alternatively to the black polishing CompoClips we recommend the Q-Finishers for subsequent contouring.

Remove excessive composite beforehand with a Q-Finisher or black CompoClip.

Advantages:

- Improved vision and efficient substance removal
- Blue, red and white CompoClips are covered on both sides (enables quick work as the CompoClips don't need to be turned)
- 3 in 1 CompoStrips
- Colour coding in line with diamond grit sizes to avoid mix-ups

这些创新性一次性使用抛光器械是与私人讲师M.Oliver Ahlers博士合作研发的。Compo系统是由抛光片 (Compo片), 抛光条 (Compo条) 和Komet专利的弹出式轴心组成。

蓝色, 红色和白色的Compo片有2种直径 (9和13mm), 蜂窝状设计, 双面涂层。上层是粗面, 黑色抛光片是单片。尽管它是粗砂涂层, 但是邻牙间的使用是足够的。所有的Compo片都要被安装在能承受一点压力的轴心上使用, 确保安全抛光。

透明的Compo砂条是基于三合一的聪明原则。它们同样带有抛光砂涂层, 蜂窝状设计。特征是: 砂条上的砂粒尺寸都是均匀分布的。没有涂层的那一面用于插入和方便控制的情况下使用。

选择黑色的Compo片进行抛光, 我们建议之后用Q系列修形。

先用Q系列或者黑色Compo片清除多余复合树脂

优点:

- 开阔视野, 有效清除牙本质
- 蓝色, 红色, 白色的Compo片都是双面涂层的 (确保快速工作, 无需翻转)
- 三合一Compo砂条
- 色标与金刚砂颗粒颜色一致, 避免混淆



- CC 1 SCV
- CC 1 M
- CC 1 F
- CC 1 UF



尺寸 · Size	Ø 1/10 mm	80	80	80	80
		090	090	090	090

未安装 · not mounted

●	CC1SCV.900. ...	090	-	-	-
●	CC1M.900. ...	-	090	-	-
●	CC1F.900. ...	-	-	090	-
○	CC1UF.900. ...	-	-	-	090

⊙_{max.} 16000 min⁻¹/rpm

○_{opt.} 10000 min⁻¹/rpm

CompoClips, 未安装, 适用于套接式柄310.204

次性, CC1SCV仅在工作侧具有涂层, 而其它CompoClips两侧均具有涂层

我们建议使用条件4416

CompoClips, not mounted, suitable for pop-on mandrel 310.204

Disposable, the CC1SCV is coated on the working face only whereas the other CompoClips are coated on both sides

Use with spray coolant

We recommend set 4416

- CC 1 SCV
- CC 1 M
- CC 1 F
- CC 1 UF



尺寸 · Size	Ø 1/10 mm	80	80	80	80
		130	130	130	130

未安装 · not mounted

●	CC1SCV.900. ...	130	-	-	-
●	CC1M.900. ...	-	130	-	-
●	CC1F.900. ...	-	-	130	-
○	CC1UF.900. ...	-	-	-	130

⊙_{max.} 16000 min⁻¹/rpm

○_{opt.} 10000 min⁻¹/rpm

CompoClips, 未安装, 适用于套接式柄310.204仅供一次性使用

CC1SCV仅在工作侧具有涂层, 而其它CompoClips两侧均具有涂层 使用时配合喷水冷却我们建议使用条件4416

CompoClips, not mounted, suitable for pop-on mandrel 310.204

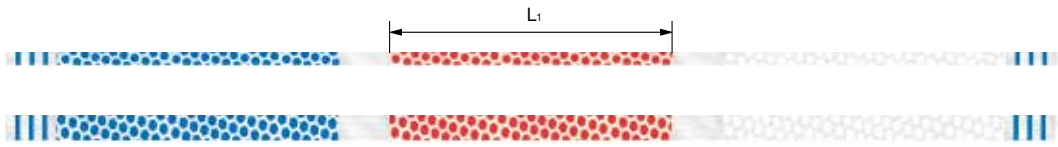
Disposable, the CC1SCV is coated on the working face only whereas the other CompoClips are coated on both sides

Use with spray coolant

We recommend set 4416

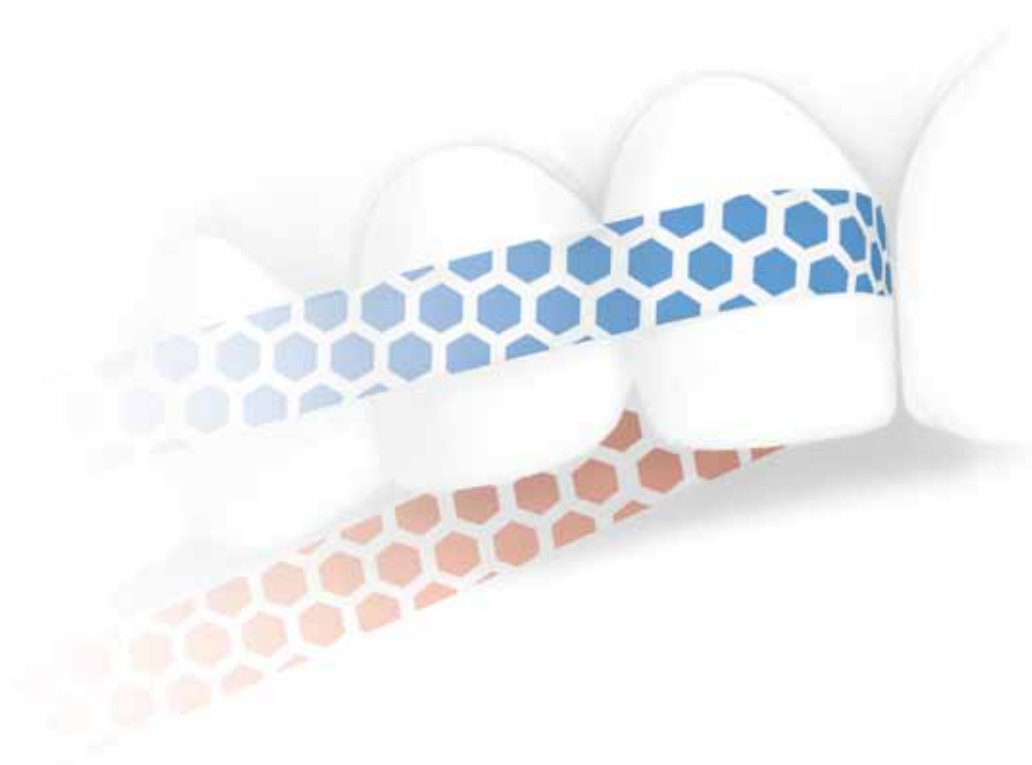


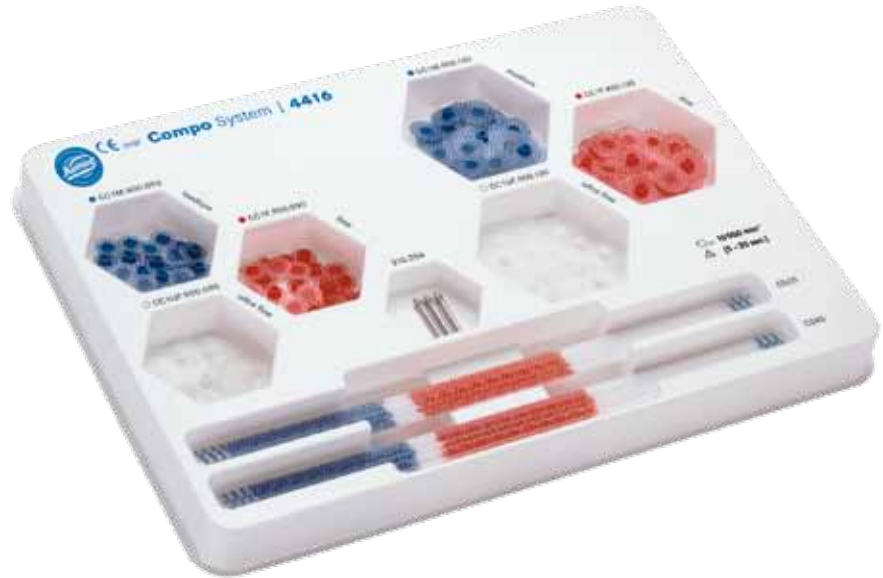
CS 20
CS 40



	80		
	●	●	○
砂粒 · Grit	50 μm	30 μm	5 μm
厚度 · Thickness mm	0,13	0,11	0,08
宽 · Width (B) mm	2 (CS 20) / 4 (CS 40)		
长 · Length mm	205		
L ₁ mm	55		
CS 20	•		
CS 40	•		

抛光条，二氧化铝涂层，一次性使用
Polishing strip, aluminium oxide coated, disposable
实用新型专利，专利/Utility patent GM 20 2004 019 490





4416.000

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Compo系统, 复合树脂修复用一次性抛光器械
Compo system, disposable polishers for composite restorations

●	CC1M.900.090	30	
●	CC1F.900.090	30	
○	CC1UF.900.090	30	
●	CC1M.900.130	30	
●	CC1F.900.130	30	
○	CC1UF.900.130	30	
	310.204.	3	
	CS20.000.	30	
	CS40.000.	30	

替换装中有CompoClips和CompoStrips, 每种各80只
CompoClips and CompoStrips are available in refill packs at 80 pieces per variety



金刚砂抛光

Diamond Polishers

The diamond symbol illustrates that a polisher is interspersed with diamond grit. We offer different polisher lines for different materials (composite, ceramics) to achieve an optimum result on each material.

These high quality polishers are available in assorted shapes and some of them also in different grits. The grit size is indicated by the ending: Coarse, Medium, Fine and Ultra-fine. When using a multi step polisher line it is important to polish in the right sequence: from coarse to fine. To achieve optimal results, wet polishing is recommended.

金刚砂的特点说明抛光器械是带有金刚砂砂粒的。我们针对不同的抛光材料提供不同的抛光器械（复合树脂，陶瓷），为了在每一种材料上达到最佳的抛光效果。

这些高质量的抛光器械，按照形状分类，有些是带有不同砂粒的，已经上市。砂粒的尺寸显示在末端：粗糙，中等，细和超细。当您使用多步骤抛光时，请从右边开始做，这点非常重要。从粗到细。为了达到最佳的抛光效果，我们建议湿抛光。

9687
9688
9689



		10	10	10
尺寸 · Size	Ø 1/10 mm	140	140	140
L	mm	0,2	0,2	0,2

未安装 · not mounted

9687.900. ...	140	-	-
9688.900. ...	-	140	-
9689.900. ...	-	-	140

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的用于陶瓷的抛光器械 使用时配合喷水冷却 适合与套接式柄310.204配用

Composite polisher interspersed with diamond grit

Use with spray coolant

Suitable for pop-on mandrel 310.204

9400
9401
9402



		10	10	10
尺寸 · Size	∅ 1/10 mm	030	030	030
L	mm	7,0	7,0	7,0

FG - Friction Grip (FG)



9400.314. ...	030	-	-
9401.314. ...	-	030	-
9402.314. ...	-	-	030

RA - Right-angle (RA)



9400.204. ...	030	-	-
9401.204. ...	-	030	-
9402.204. ...	-	-	030

⊙_{max.} 15000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的复合树脂材料抛光器械

使用时配合喷水冷却

4312A套装匹配

Composite polisher interspersed with diamond grit

Use with spray coolant

We recommend set 4312A

9436 C
9436 M
9436 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	045	045	045
L	mm	10,0	10,0	10,0

RA - Right-angle (RA)



9436C.204. ...	045	-	-
9436M.204. ...	-	045	-
9436F.204. ...	-	-	045

⊙_{max.} 15000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的复合树脂材料抛光器械使用时配合

喷水冷却

Composite polisher interspersed with diamond grit

Use with spray coolant



9403
9404
9405



		10	10	10
尺寸 · Size	Ø 1/10 mm	055	055	055
L	mm	8,0	8,0	8,0

RA · Right-angle (RA)



9403.204. ...	055	-	-
9404.204. ...	-	055	-
9405.204. ...	-	-	055

182

⊖_{max} 15000 min⁻¹/rpm
⊖_{opt} 6000 min⁻¹/rpm

含金刚砂颗粒的复合树脂材料抛光器械
使用时配合喷水冷却 我们建议与
4312A套装匹配

Composite polisher interspersed with diamond grit
Use with spray coolant
We recommend set 4312A

9406
9407
9408



		10	10	10
尺寸 · Size	Ø 1/10 mm	100	100	100

RA · Right-angle (RA)



9406.204. ...	100	-	-
9407.204. ...	-	100	-
9408.204. ...	-	-	100

⊖_{max} 15000 min⁻¹/rpm
⊖_{opt} 6000 min⁻¹/rpm

含金刚砂颗粒的复合树脂材料抛光器械使用时配合喷水冷却我们建
议与4312A套装匹配










Composite polisher interspersed with diamond grit
Use with spray coolant
We recommend set 4312A



4312 A.204



带有金刚砂颗粒用于复合树脂材料表面精修的抛光器械
Polishers interspersed with diamond grit for composite

		📄	
9400.204.030	1		
9401.204.030	1		
9402.204.030	1		
9403.204.055	1		
9404.204.055	1		
9405.204.055	1		
9406.204.100	1		
9407.204.100	1		
9408.204.100	1		



高亮度陶瓷抛光

Polishers for high-performance ceramics

The new polishing system for is ideally suited for hard high-performance ceramics. A mirror finish can be achieved in just two polishing steps. Thanks to their established colours, the pre-polisher (blue) and the high-shine polisher (grey) are easy to identify. They are also provided with a golden shank to further distinguish them from other polishers.

Komet now offers a complete instrument range providing dentists with all they need for work on high-performance ceramics: ZR abrasives for corrections and the new polishers for quick polishing of all high-performance ceramics.

新的抛光系统理想的适用于，坚硬的，高亮度的陶瓷抛光。如镜面般闪亮的效果只需要2步。多谢它们已有的颜色，预抛光（蓝色）和高亮度抛光（灰色）非常容易辨认。金色手柄更能够区别于其他抛光器械。

Komet能够提供牙医做高亮度瓷抛光的的所有种类器械：ZR砂轮用于修改，新的抛光器械用于快速抛光和高亮度瓷抛光。



94020 C
94020 F



		10	10
尺寸 · Size	∅ 1/10 mm	040	040
L	mm	10,5	10,5

RA · Right-angle (RA)



94020C.204. ...	040	-
94020F.204. ...	-	040

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的含金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光
使用喷雾冷却
我们推荐使用4622套装

Diamond interspersed polishers for high-performance ceramics

For pre-polishing and high-shine polishing

Use with spray coolant

We recommend set 4622

94021 C
94021 F



		10	10
尺寸 · Size	∅ 1/10 mm	050	050
L	mm	12,0	12,0

RA · Right-angle (RA)



94021C.204. ...	050	-
94021F.204. ...	-	050

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的含金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光
使用喷雾冷却
我们推荐使用4622套装

Diamond interspersed polishers for high-performance ceramics

For pre-polishing and high-shine polishing

Use with spray coolant

We recommend set 4622

94022 C
94022 F



		10	10
尺寸 · Size	∅ 1/10 mm	060	060
L	mm	9,3	9,3

RA · Right-angle (RA)



94022C.204. ...	060	-
94022F.204. ...	-	060

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的含金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光
使用喷雾冷却
我们推荐使用4622套装

Diamond interspersed polishers for high-performance ceramics

For pre-polishing and high-shine polishing

Use with spray coolant

We recommend set 4622

new

94012 C
94012 F



		10	10
尺寸 · Size	∅ 1/10 mm	110	110
L	mm	2,5	2,5

RA · Right-angle (RA)



94012C.204. ...	110	-
94012F.204. ...	-	110

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的含金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光
使用喷雾冷却

Diamond interspersed polishers for high-performance ceramics

For pre-polishing and high-shine polishing

Use with spray coolant



4622.204



氧化锆专用含金刚砂抛光器械
Diamond grit interspersed polishers for high-performance ceramics (e.g. ZrO₂)

	📦	
94020C.204.040	1	
94020F.204.040	1	
94021C.204.050	1	
94021F.204.050	1	
94022C.204.060	1	
94022F.204.060	1	

186



new

4637.000

用于氧化锆的精细调整和抛光的套装
Set for minor corrections and polishing of high-performance ceramics (e.g. ZrO₂)

	📦	
● ○ ZR379L.315.014	1	
● ○ ZR8379L.315.014	1	
● ○ ZR850.314.016	1	
● ○ ZR8850.314.016	1	
94020C.204.040	1	
94020F.204.040	1	
94022C.204.060	1	
94022F.204.060	1	



9545 F



	📦	10
尺寸 · Size	∅ 1/10 mm	110
L	mm	2,0

RA · Right-angle (RA)



9545F.204. ... 110

○_{max} 15000 min⁻¹/rpm

○_{opt} 6000 min⁻¹/rpm

含金刚砂颗粒的用于陶瓷的抛光器械使用时配合喷水冷却

Polisher for ceramics interspersed with diamond grit

Use with spray coolant



94000 C
94000 M
94000 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	030	030	030
L	mm	7,0	7,0	7,0

RA · Right-angle (RA)



94000C.204. ...	030	-	-
94000M.204. ...	-	030	-
94000F.204. ...	-	-	030

⊖_{max.} 15000 min⁻¹/rpm

⊖_{opt.} 6000 min⁻¹/rpm

合金刚砂颗粒用于陶瓷的抛光器械使用时配合喷水
冷却建议使用4313B套装

Polisher for ceramics interspersed with diamond grit

Use with spray coolant

We recommend set 4313B

94010 C
94010 M
94010 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	040	040	040
L	mm	7,0	7,0	7,0

RA · Right-angle (RA)



94010C.204. ...	040	-	-
94010M.204. ...	-	040	-
94010F.204. ...	-	-	040

⊖_{max.} 15000 min⁻¹/rpm

⊖_{opt.} 6000 min⁻¹/rpm

合金刚砂颗粒的陶瓷抛光器械使用时配合喷水冷却

Polisher for ceramics interspersed with diamond grit

Use with spray coolant



94006 C
94006 M
94006 F



		10	10	10
尺寸 · Size	Ø 1/10 mm	050	050	050
L	mm	10,5	10,5	10,5

RA · Right-angle (RA)



94006C.204. ...	050	-	-
94006M.204. ...	-	050	-
94006F.204. ...	-	-	050

⊖_{max.} 15000 min⁻¹/rpm

⊖_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的陶瓷抛光器械使用时配合喷水冷却

Polisher for ceramics interspersed with diamond grit

Use with spray coolant

94004 C
94004 M
94004 F



		10	10	10
尺寸 · Size	Ø 1/10 mm	060	060	060
L	mm	10,0	10,0	10,0

RA · Right-angle (RA)



94004C.204. ...	060	-	-
94004M.204. ...	-	060	-
94004F.204. ...	-	-	060

⊖_{max.} 15000 min⁻¹/rpm

⊖_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的陶瓷抛光器械使用时配合喷水冷却

我们建议使用套装4313B

Polisher for ceramics interspersed with diamond grit

Use with spray coolant

We recommend set 4313B

94005 C
94005 M
94005 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	100	100	100
RA - Right-angle (RA)				
	94005C.204. ...	100	-	-
	94005M.204. ...	-	100	-
	94005F.204. ...	-	-	100

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的陶瓷抛光器械使用时配合喷水冷却我们建议使用
套装4313B

Polisher for ceramics interspersed with diamond grit
Use with spray coolant
We recommend set 4313B



4313 B.204



含金刚砂颗粒的陶瓷抛光套装
Polishers interspersed with diamond grit for ceramics

94000C.204.030	1		
94000M.204.030	1		
94000F.204.030	1		
94004C.204.060	1		
94004M.204.060	1		
94004F.204.060	1		
94005C.204.100	1		
94005M.204.100	1		
94005F.204.100	1		



9606
9616



		10	10
尺寸 · Size	Ø 1/10 mm	060	060
L	mm	9,0	9,0

RA · Right-angle (RA)



658 204 030513 ...

9606.204. ... 060 -

658 204 030503 ...

9616.204. ... - 060

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于银汞、贵金属和非贵金属合金的高效抛光器械
使用时配合喷水冷却 我们建议与
High-efficiency polisher for amalgam, precious metal and
non-precious metal alloys
Use with spray coolant

9607
9617



		10	10
尺寸 · Size	Ø 1/10 mm	090	090
L	mm	8,0	8,0

RA · Right-angle (RA)



658 204 030513 ...

9607.204. ... 090 -

658 204 030503 ...

9617.204. ... - 090

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于银汞、贵金属和非贵金属合金的高效抛光器械
使用时配合喷水冷却 我们建议与
High-efficiency polisher for amalgam, precious metal and
non-precious metal alloys
Use with spray coolant

9608
9618



		10	10
尺寸 · Size	Ø 1/10 mm	030	030
L	mm	6,0	6,0

FG · Friction Grip (FG)



658 314 243513 ...

9608.314. ... 030 -

658 314 243503 ...

9618.314. ... - 030

RA · Right-angle (RA)



658 204 243513 ...

9608.204. ... 030 -

658 204 243503 ...

9618.204. ... - 030

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于银汞、贵金属和非贵金属合金的高效抛光器械
使用时配合喷水冷却 我们建议与
High-efficiency polisher for amalgam, precious metal and
non-precious metal alloys
Use with spray coolant

9609
9619



		10	10
尺寸 · Size	Ø 1/10 mm	045	045
L	mm	10,0	10,0

RA · Right-angle (RA)



658 204 243513 ...

9609.204. ... 045 -

658 204 243503 ...

9619.204. ... - 045

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于银汞、贵金属和非贵金属合金的高效抛光器械
使用时配合喷水冷却 我们建议与
High-efficiency polisher for amalgam, precious metal and
non-precious metal alloys
Use with spray coolant



9610
9620



		10	10
尺寸 · Size	∅ 1/10 mm	045	045
L	mm	16,0	16,0

HP柄 · Handpiece (HP)



658 104 292513 ...

9610.104. ...	045	-
----------------------	-----	---

658 104 292503 ...

9620.104. ...	-	045
----------------------	---	-----

⊙_{max.} 15000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

贵金属和非贵金属合金、铸模的高效抛光器械，用于口腔外

High-efficiency polisher for precious metal and non-precious metal alloys, model cast, extraoral use



9611
9621



		10	10
尺寸 · Size	∅ 1/10 mm	150	150
L	mm	2,5	2,5

HP柄 · Handpiece (HP)



658 104 303513 ...

9611.104. ...	150	-
----------------------	-----	---

658 104 303503 ...

9621.104. ...	-	150
----------------------	---	-----

⊙_{max.} 15000 min⁻¹/rpm

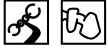
⊙_{opt.} 6000 min⁻¹/rpm

贵金属和非贵金属合金、铸模的高效抛光器械，用于口腔外

High-efficiency polisher for precious metal and non-precious metal alloys, model cast, extraoral use



9612
9622



		10	10
尺寸 · Size	Ø 1/10 mm	150	150
L	mm	2,5	2,5

HP柄 · Handpiece (HP)



658 104 372513 ...

9612.104. ...

150

-

658 104 372503 ...

9622.104. ...

-

150

192

⊙_{max.} 15000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

用于贵金属和非贵金属合金、铸模的高效抛光器械，口腔外使用
High-efficiency polisher for precious metal and
non-precious metal alloys, model cast, extraoral use



9603
9641
9644



		10	10	10
尺寸 · Size	Ø 1/10 mm	100	100	100
L	mm	25,0	25,0	25,0

HP柄 · Handpiece (HP)



		100	-	-
		-	100	-
		-	-	100

⊙_{max.} 10000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

义齿丙烯酸树脂的预抛光、抛光和高亮度抛光器械，用于口腔外

Polisher for pre-polishing, polishing and high-shine polishing of denture acrylics, extraoral use

9642 C
9642 M
9642 F



		10	10	10
尺寸 · Size	Ø 1/10 mm	100	100	100
L	mm	19,0	19,0	19,0

HP柄 · Handpiece (HP)



		100	-	-
		-	100	-
		-	-	100

⊙_{max.} 10000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

义齿丙烯酸树脂的预抛光、抛光和高亮度抛光器械，用于口腔外

Polisher for pre-polishing, polishing and high-shine polishing of denture acrylics, extraoral use

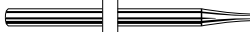


9432
9424
9433



		10	10	10
尺寸 · Size	Ø 1/10 mm	055	055	055
L	mm	16,5	16,5	16,5

HP柄 · Handpiece (HP)



9432.104. ...	055	-	-
9424.104. ...	-	055	-
9433.104. ...	-	-	055

194

⊙_{max} 15000 min⁻¹/rpm
⊙_{opt} 6000 min⁻¹/rpm

义齿丙烯酸树脂的预抛光、抛光和高亮度抛光器械，用于口腔外

Polisher for pre-polishing, polishing and high-shine polishing of denture acrylics, extraoral use

9515 M
9515 F



		10	10
尺寸 · Size	Ø 1/10 mm	220	220
L	mm	3,5	3,5

未安装 · not mounted

9515M.900. ...	220	-
9515F.900. ...	-	220

⊙_{max} 10000 min⁻¹/rpm
⊙_{opt} 6000 min⁻¹/rpm

用于义齿丙烯酸树脂和临时丙烯酸树脂的抛光和高亮度抛光器械适用于305.104.050柄，口腔外使用

Polisher for polishing and high-shine polishing of denture acrylics and temporary acrylics suitable for mandrel 305.104.050, extraoral use



9555



		10
尺寸 · Size	∅ 1/10 mm	100
L	mm	8,0

RA · Right-angle (RA)



658 204 030523 ...

9555.204. ... 100

○_{max} 10000 min⁻¹/rpm
○_{opt} 6000 min⁻¹/rpm
用于牙釉质 不使用抛光膏
使用时配合喷水冷却 我们建议与
For enamel
Use without polishing paste
Use with spray coolant



9557



		10
尺寸 · Size	∅ 1/10 mm	060
L	mm	15,0

RA · Right-angle (RA)



658 204 243523 ...

9557.204. ... 060

○_{max} 15000 min⁻¹/rpm
○_{opt} 6000 min⁻¹/rpm
用于牙釉质 不使用抛光膏
使用时配合喷水冷却 我们建议与
For enamel
Use without polishing paste
Use with spray coolant



9556



		10
尺寸 · Size	∅ 1/10 mm	110

RA · Right-angle (RA)



658 204 304523 ...

9556.204. ... 110

○_{max} 15000 min⁻¹/rpm
○_{opt} 6000 min⁻¹/rpm
用于牙釉质 不使用抛光膏
使用时配合喷水冷却 我们建议与
For enamel
Use without polishing paste
Use with spray coolant



9553



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	10,0

RA · Right-angle (RA)



658 204 034523 ...

9553.204. ... 060

○_{max} 15000 min⁻¹/rpm
○_{opt} 6000 min⁻¹/rpm
用于牙釉质 不使用抛光膏
使用时配合喷水冷却 我们建议与
For enamel
Use without polishing paste
Use with spray coolant



9684



		5
尺寸 · Size	Ø 1/10 mm	040

RA · Right-angle (RA)



9684.204. ...	040
---------------	-----

○_{max.} 10000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

含碳化硅抛光颗粒的专用纤维刷，用于复合树脂材料与陶瓷表面的咬合面抛光 不使用抛光膏 使用时配合喷水冷却 我们建议与

Special fibres interspersed with silicon carbide polishing particles for occlusal polishing of composite and ceramic surfaces

Use without polishing paste

Use with spray coolant



9685



		5
尺寸 · Size	Ø 1/10 mm	060

RA · Right-angle (RA)



9685.204. ...	060
---------------	-----

○_{max.} 10000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

含碳化硅抛光颗粒的专用纤维刷，用于复合树脂材料与陶瓷表面的咬合面抛光 不使用抛光膏 使用时配合喷水冷却 我们建议与

Special fibres interspersed with silicon carbide polishing particles for occlusal polishing of composite and ceramic surfaces

Use without polishing paste

Use with spray coolant



9686



		5
尺寸 · Size	Ø 1/10 mm	040

RA · Right-angle (RA)



9686.204. ...

040

○_{max} 10000 min⁻¹/rpm
○_{opt} 6000 min⁻¹/rpm
含碳化硅抛光颗粒的专用纤维刷，用于复合树脂材料与陶瓷表面的咬合面抛光 不使用抛光膏
使用时配合喷水冷却 我们建议与
Special fibres interspersed with silicon carbide polishing particles for occlusal polishing of composite and ceramic surfaces
Use without polishing paste
Use with spray coolant



303

		6
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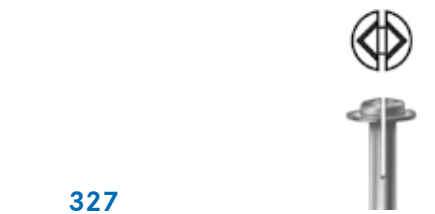
RA · Right-angle (RA)



330 204 603391 ...

303.204. ...

○_{max} 15000 min⁻¹/rpm
磨片、抛光器械用不锈钢柄
Mandrel for discs, polishers and brushes, stainless steel



327

		6
--	--	---

RA · Right-angle (RA)

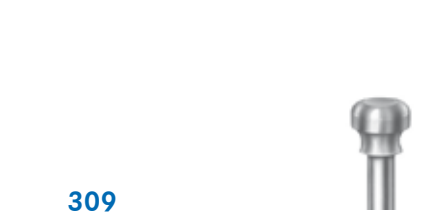


330 204 615421 ...

327.204. ...

•

○_{max} 15000 min⁻¹/rpm
专用不锈钢柄
Special mandrel, stainless steel



309

		6
--	--	---

RA · Right-angle (RA)



330 204 607000 ...

309.204. ...

○_{max} 15000 min⁻¹/rpm
用于抛光杯和抛光刷的不锈钢套接式柄
Pop-on mandrel for cup-shaped polishers and polishing brushes, stainless steel

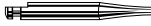


310



6

RA · Right-angle (RA)



330 204 608000 ...

310.204. ...

•

⊙_{max.} 30000 min⁻¹/rpm

用于抛光器械/表面精修磨片的套接式柄

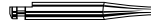
Pop-on mandrel for polishing/finishing discs, stainless steel

312



6

RA · Right-angle (RA)



312.204. ...

•

⊙_{max.} 30000 min⁻¹/rpm

用于杯状抛光器械和抛光刷的不锈钢拧入式柄

Screw-in mandrel for cup-shaped polishers and polishing brushes, stainless steel

198

9628



5

尺寸 · Size

⊙ 1/10 mm

220

RA · Right-angle (RA)



050 204 373000 ...

9628.204. ...

220

⊙_{max.} 10000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

使用抛光膏的毡轮

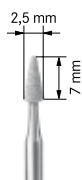
Cotton mop, polishing paste carrier



601

	10
粒度 · Grit	420
粒度类型 · Grit version	extra fine
FG · Friction Grip (FG)	
	601.314. ... □420
RA · Right-angle (RA)	
	601.204. ... ◆420

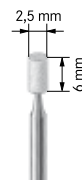
◆ = ○_{max.} 60000 min⁻¹/rpm
 □ = ○_{max.} 120000 min⁻¹/rpm
 ○_{opt.} 20000-30000 min⁻¹/rpm
 复合树脂材料的精细修磨
 For fine work on composites



645

	10
粒度 · Grit	420
粒度类型 · Grit version	extra fine
FG · Friction Grip (FG)	
	645.314. ... □420
RA · Right-angle (RA)	
	645.204. ... ◆420

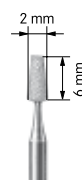
◆ = ○_{max.} 60000 min⁻¹/rpm
 □ = ○_{max.} 120000 min⁻¹/rpm
 ○_{opt.} 20000-30000 min⁻¹/rpm
 复合树脂材料的精细修磨
 For fine work on composites



638

	10
粒度 · Grit	420
粒度类型 · Grit version	extra fine
FG · Friction Grip (FG)	
	638.314. ... □420
RA · Right-angle (RA)	
	638.204. ... ◆420

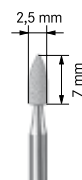
◆ = ○_{max.} 60000 min⁻¹/rpm
 □ = ○_{max.} 120000 min⁻¹/rpm
 ○_{opt.} 20000-30000 min⁻¹/rpm
 用于复合树脂材料的精细修磨
 For fine work on composites



649

	10
粒度 · Grit	420
粒度类型 · Grit version	extra fine
FG · Friction Grip (FG)	
	649.314. ... □420
RA · Right-angle (RA)	
	649.204. ... ◆420

◆ = ○_{max.} 60000 min⁻¹/rpm
 □ = ○_{max.} 120000 min⁻¹/rpm
 ○_{opt.} 20000-30000 min⁻¹/rpm
 复合树脂材料的精细修磨
 For fine work on composites



661

	10
粒度 · Grit	420
粒度类型 · Grit version	extra fine
FG · Friction Grip (FG)	
	661.314. ... □420
RA · Right-angle (RA)	
	661.204. ... ◆420

◆ = ○_{max.} 60000 min⁻¹/rpm
 □ = ○_{max.} 120000 min⁻¹/rpm
 ○_{opt.} 20000-30000 min⁻¹/rpm
 用于精细修磨复合树脂
 For fine work on composites



抛光器械
Polishers



202-204

毛刷
Brushes



205-206

声波工作尖
Sonic tips



刮除器
Scaler

207



洁治用气动工作尖
Perio

208



工作尖手柄
Tip holder

209



Polymer针
Polymer pin

209



注意：预防和牙周的PiezoLine超声波工作尖是从46页起
Ultra sonic tips in the section PiezoLine starting from Page 46



Prophylaxis **口腔预防**

<i>Introduction</i>	202	简介
<i>Polishers</i>	203 - 204	抛光器械
<i>Brushes</i>	205 - 206	抛光刷
<i>Sonic tips</i>	207 - 209	声波工作尖




Prophylaxis

Our vast product range also comprises selected products for prophylaxis. When choosing polishers and brushes, the user can either opt for the favourably priced popon and screw-in varieties or our ready-mounted products.

Our prophylaxis line includes sonic tips for removing tartar, longer tips for periodontal treatments and a Polymer pin for implant prophylaxis as well as the matching accessories. For further information, please refer to our brochure on professional prophylaxis and our SonicLine catalogue which can be ordered from us.

Note:

All brushes, lamella polishers and the Polymer pin for prophylaxis are disposable. The symbol  is printed on the packaging.

Hint:

We recommend checking the degree of wear of the prophylaxis and periodontal tips on a regular basis, with the help of the test card. A useful overview of the power settings of our sonic hand piece SF1LM is printed on the reverse of the card.




口腔预防

我们大量的产品领域包括口腔预防的产品。当您选择抛光器械和毛刷时，使用者既可以选择的合适的价钱，也可以选择好用的产品。

我们口腔预防的产品线包括洁治用的声波工作尖，预防治疗的长工作尖和种植用的Polymer针以及配套附件。详细的产品信息，请订阅口腔预防目录和SonicLine目录。

注意：

所有用于抛光的毛刷，薄片抛光器械和Polymer针，都是一次性使用。符号已经印刷在包装上。

提示：

我们建议在常规使用后，检查预防和牙周工作尖的磨损程度。在卡片的反面已印有声波手机SF1LM的动力设置。



9631



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	8,0

RA · Right-angle (RA)



020 204 034000 ...

9631.204. ... 060

○_{max} 10000 min⁻¹/rpm
○_{opt} 1500 min⁻¹/rpm

不含乳胶
使用抛光膏

Latex free
Use with polishing paste



94016 F



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	10,0

RA · Right-angle (RA)



94016F.204. ... 060

○_{max} 10000 min⁻¹/rpm
○_{opt} 1500 min⁻¹/rpm

不含乳胶
使用抛光膏

Latex free
Use with polishing paste



9696



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	10,0

RA · Right-angle (RA)



9696.204. ... 060

○_{max} 10000 min⁻¹/rpm
○_{opt} 1500 min⁻¹/rpm

使用抛光膏

Use with polishing paste



94015 F



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	10,0

94015F.000. ... 060

○_{max} 10000 min⁻¹/rpm
○_{opt} 1500 min⁻¹/rpm

不含乳胶
使用抛光膏

Latex free
Use with polishing paste



9532



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	10,0

9532.000. ... 060

○_{max} 10000 min⁻¹/rpm
○_{opt} 1500 min⁻¹/rpm

抛光器械, 标准使用抛光膏适用于312.204柄

Polisher, normal
Use with polishing paste
Suitable for mandrel 312.204



9532 H



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	10,0

9532H.000. ... 060

○_{max} 10000 min⁻¹/rpm
○_{opt} 1500 min⁻¹/rpm

抛光器械, 硬使用抛光膏适用于312.204柄

Polisher, hard
Use with polishing paste
Suitable for mandrel 312.204



94014 F



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	9,0

94014F.000. ... 060

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
不含乳胶
使用抛光膏
Latex free
Use with polishing paste



9672



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	9,0

9672.000. ... 060

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
抛光器械，标准使用抛光膏适用于309.204柄
Polisher, normal
Use with polishing paste
Suitable for mandrel 309.204



9672 H



		100
尺寸 · Size	∅ 1/10 mm	060
L	mm	9,0

9672H.000. ... 060

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
抛光器械，硬使用抛光膏适用于309.204柄
Polisher, hard
Use with polishing paste
Suitable for mandrel 309.204

9531



		100
尺寸 · Size	∅ 1/10 mm	020

RA · Right-angle (RA)



9531.204. ... 020

⊖_{max.} 10000 min⁻¹/rpm

⊖_{opt.} 1500 min⁻¹/rpm

尼龙刷与抛光膏匹配

Nylon brush

Use with polishing paste

9531 F



		100
尺寸 · Size	∅ 1/10 mm	020

RA · Right-angle (RA)



9531F.204. ... 020

⊖_{max.} 10000 min⁻¹/rpm

⊖_{opt.} 1500 min⁻¹/rpm

细刷毛的尼龙刷

配合抛光膏使用

Nylon brush with fine bristles

Use with polishing paste

9654



		100
尺寸 · Size	∅ 1/10 mm	040

RA · Right-angle (RA)



9654.204. ... 040

⊖_{max.} 10000 min⁻¹/rpm

⊖_{opt.} 1500 min⁻¹/rpm

尼龙刷与抛光膏一同使用

Nylon brush

Use with polishing paste

9645



		100
尺寸 · Size	∅ 1/10 mm	060

RA · Right-angle (RA)



9645.204. ... 060

⊖_{max.} 10000 min⁻¹/rpm

⊖_{opt.} 1500 min⁻¹/rpm

尼龙刷与抛光膏一同使用

Nylon brush

Use with polishing paste

9645 M



		100
尺寸 · Size	∅ 1/10 mm	060

RA · Right-angle (RA)



9645M.204. ... 060

⊖_{max.} 10000 min⁻¹/rpm

⊖_{opt.} 1500 min⁻¹/rpm

中等硬度的尼龙刷

需使用抛光膏

Nylon brush with medium bristles

Use with polishing paste



9645 F



		100
尺寸 · Size	∅ 1/10 mm	060

RA · Right-angle (RA)



9645F.204. ... 060

⊖_{max.} 10000 min⁻¹/rpm

⊖_{opt.} 1500 min⁻¹/rpm

细毛尼龙刷使用抛光膏

Nylon brush with fine bristles

Use with polishing paste



9533



		100
尺寸 · Size	∅ 1/10 mm	060

9533.000. ... 060

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
尼龙刷与抛光膏匹配适用于柄312.204
Nylon brush
Use with polishing paste
Suitable for mandrel 312.204

new



9533 M



		100
尺寸 · Size	∅ 1/10 mm	060

9533M.000. ... 060

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
中等硬度的尼龙刷
需使用抛光膏
适用于柄312.204
Nylon brush with medium bristles
Use with polishing paste
Suitable for mandrel 312.204



9533 F



		100
尺寸 · Size	∅ 1/10 mm	060

9533F.000. ... 060

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
细毛尼龙刷使用抛光膏适用于312.204柄
Nylon brush with fine bristles
Use with polishing paste
Suitable for mandrel 312.204



9534



		100
尺寸 · Size	∅ 1/10 mm	040

9534.000. ... 040

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
尼龙刷
与抛光膏匹配
适用于柄312.204
Nylon brush
Use with polishing paste
Suitable for mandrel 312.204



9670



		100
尺寸 · Size	∅ 1/10 mm	040

9670.000. ... 040

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
尼龙刷与抛光膏匹配适用于柄309.204
Nylon brush
Use with polishing paste
Suitable for mandrel 309.204



9671

		100
尺寸 · Size	∅ 1/10 mm	040

9671.000. ... 040

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 1500 min⁻¹/rpm
尼龙刷与抛光膏匹配适用于柄309.204
Nylon brush
Use with polishing paste
Suitable for mandrel 309.204



SF 1



	1
--	---

SF1.000. ...	•
--------------	---

通用刮除器
清除龈上龈下的结石清除 (深度达2mm)
Universal Scaler
For sub and supra gingival scaling of calculus (up to a depth of 2 mm)



SF 2



	1
--	---

SF2.000. ...	•
--------------	---

刮除器,月牙形
清除龈上龈下的结石清除 (深度达2mm)
Scaler, crescent-shaped
Sub and supra gingival scaling of calculus (up to a depth of 2 mm)



SF 3



	1
--	---

SF3.000. ...	•
--------------	---

牙周刮除器
清除龈上龈下的结石清除 (深度达2mm)
Periodontal Scaler
Sub and supra gingival scaling of calculus (up to a depth of 2 mm)



SF 4



1

SF4.000. ...

ZH Perio, long straight
龈下刮治牙结石 (最大深度9 mm)
Perio, long straight
Sub gingival scaling of deposits (up to a depth of 9 mm)

208



SF 4 L



1

SF4L.000. ...

ZH Perio, left curved
龈下刮治牙结石 (最大深度9 mm)
Perio, left curved
Sub gingival scaling of deposits (up to a depth of 9 mm)



SF 4 R



1

SF4R.000. ...

ZH Perio, right curved
龈下刮治牙结石 (最大深度9 mm)
Perio, right curved
Sub gingival scaling of deposits (up to a depth of 9 mm)



SF 1981

	1
SF1981.000. ...	•

实用新型专利, 专利 / Utility model, patents
DE 10 2010 033 866

工作尖手柄
不锈钢
Tip holder
Stainless steel



SF 1982

		30
SF1982.000. ...	•	

Polymer针用于种植预防, 一次性使用
Polymer pin for implant prophylaxis, disposable
PEEK

4611.000



种植清洁的声波器械套装
Set of sonic instruments for implant cleaning

SF1981.000.	1	
SF1982.000.	10	
566.000.	1	

粘结剂清除
Adhesive removers



213-214

振动反角手机
Oscillating contra-angle



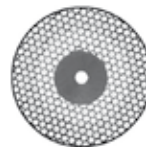
216

**振动
分割片**
*Oscillating
segment discs*



215-221

金刚砂碟
Diamond discs



222

器械套装/配件
Instrument sets/Auxiliaries



223-225



Orthodontics **口腔正畸**

<i>Introduction</i>	212	引言
<i>Adhesive removers</i>	213 - 214	粘合剂清除车针
<i>Oscillating segment discs</i>	215 - 221	摆动式切割片
<i>Diamond discs</i>	222	金刚砂片
<i>Instrument sets/Auxiliaries</i>	223 - 225	器械套装/配件



Orthodontics

Special products for orthodontic treatments

On the following pages, we are pleased to introduce a selection of products that are exclusively intended for use in the orthodontic sector.

Our range comprises further rotary instruments that are equally relevant for orthodontic treatments.

Please order our orthodontic brochure which not only includes the below described products, but also the following instruments:

- Tungsten carbide finishers
- Articles for polishing dental enamel
- Instruments for opening and sealing fissures
- Diamond coated finishing strips
- Tungsten carbide cutters for work on plaster and acrylics
- Accessories such as bur blocks and detergents for instrument reprocessing

Note:

A special prophylaxis brochure on professional dental cleaning is also available.



口腔正畸

正畸治疗产品

以下即将介绍正畸治疗领域的产品。我们的产品领域由与正畸治疗相关的旋转器械组成。

请订阅正畸目录，它不仅涵盖以下产品，下面要介绍的器械是：

- 钨钢抛光
- 牙釉质抛光器械
- 打开和填补缝隙的器械
- 金刚砂涂层的抛光条
- 在塑料和丙烯酸材料上使用的钨钢切割片
- 配件，例如车针架和器械的清洁再处理

注意：

专业的口腔清洁内容在口腔预防的目录中也有介绍。



粘接剂清除车针

Adhesive removers

Quick and safe removal of adhesive residues

After completion of an orthodontic treatment with brackets, the dentist has to remove adhesive residues quickly and without damaging sound tooth substance.

We recommend these instruments to gently remove such adhesive residues.

- ❶ Safe end in order not to damage the gingiva
- ❷ Safety chamfer in order to avoid groove formation
- ❸ For removal of adhesive residues without damaging the enamel



快速和安全的去除粘接剂残留

用托槽完成正畸治疗后，牙医必须快速清除粘合剂残留物并且不损伤完整的牙体组织。

我们推荐这些器械用于温和的去除粘接剂残留。

- ❶ 安全的顶端无刀刃，避免损伤牙龈
- ❷ 安全的刀纹，避免形成沟槽
- ❸ 在不损伤牙釉质的情况下清除粘接剂残留



○ **H 22 GK**






	📦	5
尺寸 · Size	∅ 1/10 mm	016
L	mm	4,4

FG · Friction Grip (FG)







○ **H22GK.314. ...** 016

唇侧用，尖端无切割力
Labial, safe end




○ **H 22 AGK**


	📦	5
尺寸 · Size	∅ 1/10 mm	016
L	mm	4,7

FG · Friction Grip (FG)



○ **H22AGK.314. ...** 016

RA · Right-angle (RA)



○ **H22AGK.204. ...** 016

■ = \odot_{max} 100000 min⁻¹/rpm
实用新型专利，专利/Utility model, patents
DE 198 00 324

唇侧用，尖端无切割力
Labial, safe end



214



唇侧粘接剂清除

Adhesive remover
for labial surfaces

○ H 22 ALGK



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,3

FG · Friction Grip (FG)



○ H22ALGK.314. ... 016

RA · Right-angle (RA)



○ H22ALGK.204. ... 016

■ = ○_{max} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 198 00 324

唇侧用, 尖端无切割力
Labial, safe end

○ H 390 AGK



		5
尺寸 · Size	∅ 1/10 mm	018
L	mm	3,6

FG · Friction Grip (FG)



○ H390AGK.314. ... 018

○_{max} 300000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 198 00 324

腭侧用, 尖端无切割力
Palatal, safe end



舌侧粘结剂清除

Adhesive remover
for lingual technique

○ H 379 AGK



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	4,2

FG · Friction Grip (FG)



○ H379AGK.314. ... +023

RA · Right-angle (RA)



○ H379AGK.204. ... 023

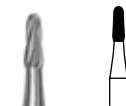
■ = ○_{max} 100000 min⁻¹/rpm

+ = ○_{max} 300000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 198 00 324

腭侧用, 尖端无切割力
Palatal, safe end

● H 23 RA



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	4,6

RA · Right-angle (RA)



● H23RA.204. ... 016

○_{max} 100000 min⁻¹/rpm

安全的凹斜面以避免形成沟槽

Safety chamfer in order to avoid groove formation



摆动式切割片

Oscillating Segment Discs

The oscillating Komet contra-angle and the patented Komet OS segment discs sparked off a revolution in orthodontics.

Prof. Dr. Jost-Brinkmann of the Charité Berlin provided his scientific advice during the development of this system which ensures greater safety during stripping. The oscillating 60° segment discs have a swivel angle of only 30°. This allows space-saving work and ensures unobstructed vision onto the site, thus minimising the risk of injury to the soft tissue.

Advantages:

- Minimal risk of injury to the soft tissue due to oscillating operation
- Optimal view and excellent removal of debris thanks to the honeycomb design
- Ring and laser markings on the shank for easier identification

Komet公司的摆动式机头和受专利保护的Komet摆动式切割片在口腔正畸领域引发了一场革命。

Charité Berlin的Dr. Jost-Brinkmann教授在开发该系统时提供了科学意见，确保了在剥离时具有更高的安全性。60°摆动式切割片仅有30°的旋转角度。这节省了工作时的空间并确保工作部位视觉通畅，从而最大限度地降低了软组织的损伤风险。

优点：

- 摆动操作将损失软组织的风险减小到最低
- 蜂窝网状设计提供最佳视野以及拥有非凡的清除碎屑能力。
- 激光环标记使手柄更易于辨认





OS 30.000



摆动式砂片用弯手机->8:1减速, 带三个喷雾孔->只适用于KOMET公司生产的震动磨片

Oscillating contra-angle

-> With ISO interface, 8:1 reduction and three spray injectors

-> Only suited for oscillating segment discs from Komet



OS 1 M



		1
尺寸 · Size	Ø 1/10 mm	140
L	mm	0,30

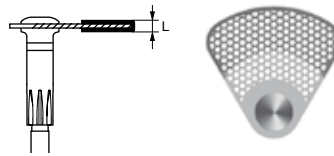
OS1M.000. ...	140
----------------------	-----

⊙_{max.} 5000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 197 54 879

请看4594套装, 224页

See set 4594, page 224



OS 1 F



		1
尺寸 · Size	Ø 1/10 mm	140
L	mm	0,15

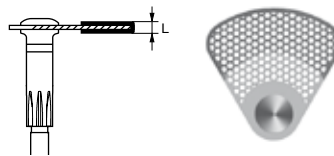
OS1F.000. ...	140
----------------------	-----

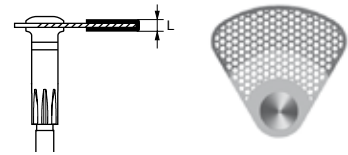
⊙_{max.} 5000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 197 54 879

请看4594套装, 224页

See set 4594, page 224





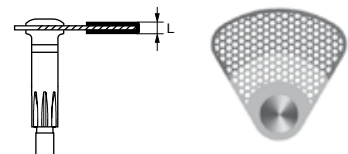
● OS 2 M



		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,45

● OS2M.000. ...	140
-----------------	-----

⊖_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879



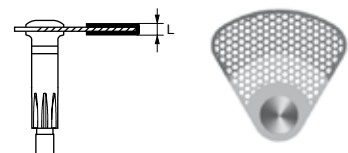
● OS 2 F



		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,30

● OS2F.000. ...	140
-----------------	-----

⊖_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879



● OS 25 M

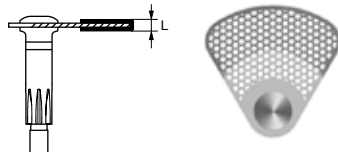


		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,25

● OS25M.000. ...	140
------------------	-----

⊖_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

Siehe auch Set 4594, Seite 224
See set 4594, page 224



● OS 35 M



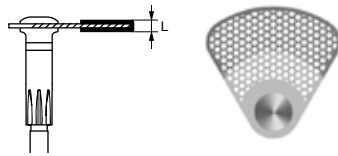
		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,35

● OS35M.000. ...	140
------------------	-----

⊙_{max} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

请看4594套装, 224页
See set 4594, page 224

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● OS 20 F

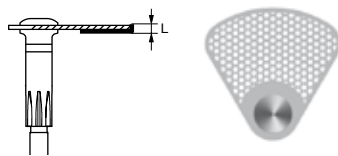


		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,20

● OS20F.000. ...	140
------------------	-----

⊙_{max} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

请看4594套装, 224页
See set 4594, page 224



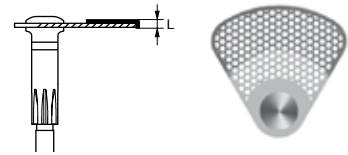
● OS 1 MH



		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,20

● OS1MH.000. ...	140
------------------	-----

⊙_{max} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879



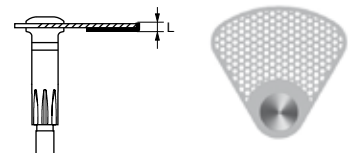
● OS 1 MV



		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,20

● OS1MV.000. ...	140
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⊖_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879



● OS 1 FH

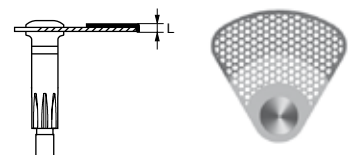


		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,13

● OS1FH.000. ...	140
------------------	-----

⊖_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

请看4594套装, 224页
See set 4594, page 224



● OS 1 FV

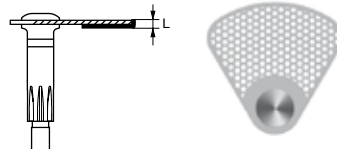


		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,13

● OS1FV.000. ...	140
------------------	-----

⊖_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

Siehe auch Set 4594, Seite 224
See set 4594, page 224



● OS 15 FH

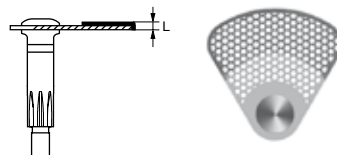


		1
尺寸 · Size	Ø 1/10 mm	140
L	mm	0,15

● OS15FH.000. ...	140
-------------------	-----

○_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

请看4594套装, 224页
See set 4594, page 224



● OS 15 FV

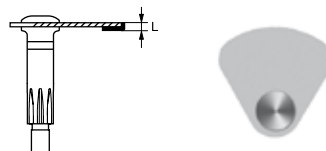


		1
尺寸 · Size	Ø 1/10 mm	140
L	mm	0,15

● OS15FV.000. ...	140
-------------------	-----

○_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

请看4594套装, 224页
See set 4594, page 224



● OS 18 MH

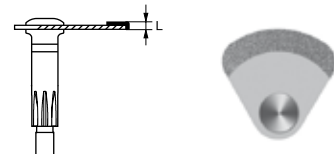


		1
尺寸 · Size	Ø 1/10 mm	110
L	mm	0,18

● OS18MH.000. ...	110
-------------------	-----

○_{max.} 5000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879





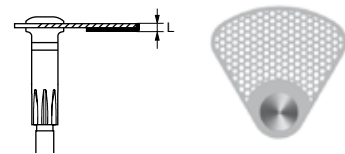
● OS 18 MV



		1
尺寸 · Size	∅ 1/10 mm	110
L	mm	0,18

● OS18MV.000. ...	110
-------------------	-----

⊖_{max.} 5000 min¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879



● OS 20 FH

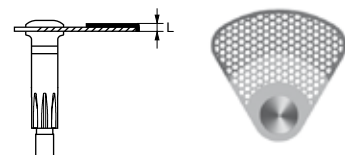


		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,20

● OS20FH.000. ...	140
-------------------	-----

⊖_{max.} 5000 min¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

Siehe auch Set 4594, Seite 224
See set 4594, page 224



● OS 20 FV

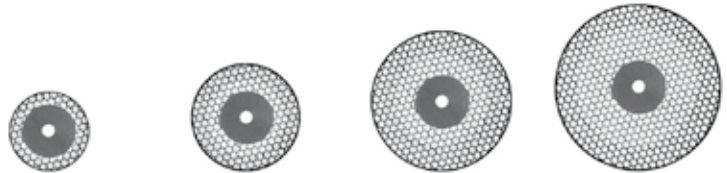
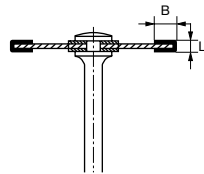


		1
尺寸 · Size	∅ 1/10 mm	140
L	mm	0,20

● OS20FV.000. ...	140
-------------------	-----

⊖_{max.} 5000 min¹/rpm
实用新型专利, 专利/Utility model, patents
DE 197 54 879

Siehe auch Set 4594, Seite 224
See set 4594, page 224



● **8934 A**



222

		1	1	1	1
尺寸 · Size	∅ 1/10 mm	100	140	180	220
涂层 · Coating	mm	1,0	2,0	3,0	3,0
L	mm	0,15	0,15	0,15	0,15

未安装 · not mounted

● **8934A.900. ...**

◆100	◆140	△180	▲220
------	------	------	------

▲ = \bigcirc_{\max} 20000 min⁻¹/rpm

△ = \bigcirc_{\max} 25000 min⁻¹/rpm

◆ = \bigcirc_{\max} 30000 min⁻¹/rpm

片切砂片, 请使用砂片防护套, 使用303型柄

Stripping disc, use disc-guard, use mandrel 303

Disc guard not available from Komet

303



6

RA · Right-angle (RA)



330 204 603391 ...

303.204. ...

\bigcirc_{\max} 15000 min⁻¹/rpm

磨片、抛光器械用不锈钢柄

Mandrel for discs, polishers and brushes, stainless steel




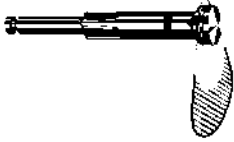






4430.000



摆动磨片套装

Set containing oscillating segment discs



-  **OS1M.000.140** 1 
-  **OS1F.000.140** 1 
-  **OS2M.000.140** 1 
-  **OS2F.000.140** 1 

应与Komet OS30摆动式弯手机匹配使用

To be used in the oscillating Komet-contra-angle OS30



4594.000



224

邻面去釉 (IPR) 套装 (依照Drechsler博士的建议)
Set for interproximal enamel reduction (IPR), according to Dr. Drechsler

	WS37EF.000.	1	
	WS37.000.	1	
	OS1FV.000.140	1	
	OS1FH.000.140	1	
	OS15FV.000.140	1	
	OS15FH.000.140	1	
	OS1F.000.140	1	
	OS20FV.000.140	1	
	OS20FH.000.140	1	
	OS20F.000.140	1	
	OS25M.000.140	1	
	OS1M.000.140	1	
	OS35M.000.140	1	
	850.314.012	1	
	8392.314.016	1	

摆动式砂片设计与Komet OS30摆动式弯手机匹配使用 关于抛光, 请参见4598套装
The segmented discs are designed for use in the oscillating Komet contra-angle OS30
Also refer to set 4598 for polishing


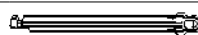








4598.000

225



邻面牙釉质的抛光套装
 Set for interproximal enamel polishing


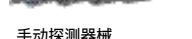



				
	310.204.	3		
	CC1M.900.130	20		
	CC1F.900.130	20		
	CC1UF.900.130	20		

用于使用4594套装后抛光
 For polishing after use of set 4594

进入/扩大根管口
Access/Enlargement

	二氧化锆冠的环钻术 Trepanation of zirconia crowns	229
	金属冠的环钻术 Trepanation of metal crowns	229
	带有安全端的扩孔钻 Reamer with safe end	229
	带有安全端和交叉刀纹的 扩孔钻 Reamer with safe end, with cross cut	230
	进入窝洞 Access cavity	230
	多功能车针 Combination bur	230
	多功能车针 Combination bur	230
	带有圆形安全端的锥形 扩孔钻 Round end tapered with safe end	231
	火焰形带安全端 扩孔钻 Flame with safe end	231-232
	峡部预备 Isthmus preparation	232
	扩孔钻 „Gates Glidden“ Reamers „Gates Glidden“	232-233
	牙髓车针 „Müller“ Pulp burs „Müller“	233
	扩孔钻 „P“ Reamers „P“	233
	„B2“ 挫 Burs „B2“	234
	扩孔钻 „B1“ Reamers „B1“	234

手动预备
Manual preparation






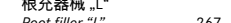






	神经拉刀 Nerve broaches	235
	手动探测器械 Manual file for probing	235
	„K“ 挫 Burs „K“	236-237
	„K“ 挫 Files „K“	237-238
	„H“ 挫 Files „H“	238-239

机械预备
Mechanical preparation

	F360® 器械 F360® files	241
	F360 热牙胶填充 F360 Fill Obturators	242-243
	AlphaKite 器械 AlphaKite files	244-246
	套装 AlphaKite Set AlphaKite	247-248

设备
Equipment

	EndoPilot 包括配件 EndoPilot incl. auxiliaries	249-254
	E-Drive 包括配件 E-Drive incl. auxiliaries	255-256
	Locapex five Locapex five	256
	配件 Auxiliaries	
	Endo通用套装 Set Endo universal	257-258
	清洗盒 Washing box	259
	Endo 补救套装 Endo Rescue Kit	260-261

	橡胶尖 Guttapercha points	262-263
	纸尖 Paper points	264
	EasySeal EasySeal	265
	填充器 Pluggers	266
	Spreader Spreader	266
	根充器械 „L“ Root filler „L“	267
	橡胶切割 Guttapercha cutter	267
	橡胶清除 Guttapercha remover	267
	中级支持 Intermediate support	268
	塞子 Stopper	268
	环钻车针 Trepan burs	269
	镊子 Tweezers	269



Endodontics **牙髓病学**

<i>Introduction</i>	228	简介
<i>Access/Enlargement</i>	229 - 234	进入/扩大根管口
<i>Manual preparation</i>	235 - 239	手动预备
<i>Mechanical preparation</i>	240 - 248	机械预备
<i>Equipment</i>	249 - 256	设备
<i>Auxiliaries</i>	257 - 269	配件



牙髓病学

Endodontie

The systematic concept of our full range of endodontic products allows safe, efficient and comfortable work.

Our range includes instruments for trepanation and excavation as well as manual files and NiTi files for mechanical preparation of root canals (F360 and AlphaKite systems). The E-Drive contra-angle and the EndoPilot, which unites an endodontic motor, an apex locator and an obturation system, are designed for torque-limited operation in the root canal.

A tight obturation of the root canal can be achieved with EasySeal, a root filling material on the basis of epoxy resin, guttapercha points or F360 Fill.

To round off our range, we offer handy accessories, e.g. insert trays, sterilization containers, frequency clips and the EndoRescue kit for removing instrument fragments. Different root posts and a composite system are available for post-endodontic treatments.

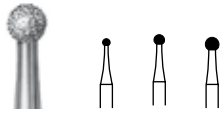
全面根管产品的系统性概念，使得该器械在工作中表现得安全，高效，舒适度高。

我们的产品线包括手动器械的环钻术，挖钻和镍钛器械对根管的机械预备（F360和AlpaKite系统）。E-Drive反角和EndoPilot，与根管马达一起使用，顶端定位和热牙胶系统，是设计用于根管治疗的涡轮自限性操作。

EasySeal可以做到根充防漏，填充材料以环氧树脂为基础，牙胶尖或F360填充。

为了完善我们的产品线，我们提供小巧的配件，例如，托盘，消毒盒，高频夹和取断针的根管补救套装。用于根管治疗前的，多种根管桩和复合树脂系统均已上市。

●○ ZR 6801



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	014	018

FG - Friction Grip (FG)



●○ ZR6801.314. ... 010 014 018

圆头，用于二氧化锆牙冠环钻术
Round, for trepanation of zirconia crowns

H 140



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	3,0

FG - Friction Grip (FG)



500 314 429364 ...

H140.314. ... 016

○_{max.} 120000 min⁻¹/rpm
用于金属牙冠环钻术的麻花钻
Twist drill for trepanation of metal crowns



4406.000



开髓套装 (依照Rudolf Beer教授的建议)
Endo Access Kit, Prof. Dr. Rudolf Beer

●	6830L.314.014	1	
	H140.314.016	1	
●	H1SE.205.018	1	
	383.314.012	1	
	383.314.014	1	
	389.314.012	1	
○	191.204.090	1	
●	191.204.120	1	
○	G180A.204.050	1	
●	G180A.204.070	1	
●	G180A.204.090	1	
●	G180A.204.110	1	

H 269 GK



		5	5
尺寸 · Size	∅ 1/10 mm	012	016
L	mm	9,0	9,0

FG - Friction Grip (FG)



500 314 219295 ...

H269GK.314. ... +012 016

■ = ○_{max.} 160000 min⁻¹/rpm
+ = ○_{max.} 300000 min⁻¹/rpm
尖端无切割力的根管扩大钻
Endo reamer with safe end



H 269 QGK



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	9,0

FG · Friction Grip (FG)



H269QGK.314. ...

016

⊙_{max} 160000 min⁻¹/rpm

带有尖端无切割力的内部扩大钻，带有横切刃齿
Endo reamer with safe end, with cross cut

15802



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	10,0

FG · Friction Grip (FG)



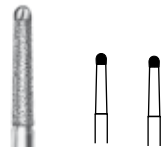
15802.314. ...

014

⊙_{max} 160000 min⁻¹/rpm

用于开髓
For creation of an endo access cavity

383



		5	5
尺寸 · Size	∅ 1/10 mm	012	014
L	mm	8,0	8,0

FG · Friction Grip (FG)



806 314 198020 ...

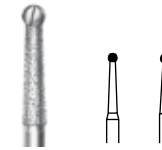
383.314. ...

012 014

⊙_{max} 300000 min⁻¹/rpm

具有金刚砂工作部位和碳化钨尖端的组合车针，用于开髓时清除髓腔侧面牙组织
Combination bur with diamond coated working part and carbide tip, for lateral substance removal when preparing an access cavity

389



		5	5
尺寸 · Size	∅ 1/10 mm	012	014
L	mm	8,0	8,0

FG · Friction Grip (FG)



806 314 494020 ...

389.314. ...

+012 +014

FGXL · Friction Grip extra-long (FGXL)



806 316 494020 ...

389.316. ...

012 014

■ = ⊙_{max} 160000 min⁻¹/rpm

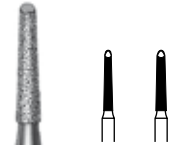
+ = ⊙_{max} 300000 min⁻¹/rpm

具有金刚砂工作部位和碳化钨尖端的组合车针，用于开髓时清除髓腔侧面牙组织
Combination bur with diamond coated working part and carbide tip, for lateral substance removal when preparing an access cavity



根管预备
安全端
Root canal preparation
Safe end

● 8851
851



尺寸 · Size	Ø 1/10 mm	012	016
L	mm	8,0	8,0
角度 · Angle	α	2°	2°

FG - Friction Grip (FG)



806 314 219514 ...

● 8851.314. ... +012 -

806 314 219524 ...

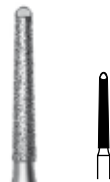
851.314. ... +012 016

+ = \odot_{max} 300000 min⁻¹/rpm

圆头截锥形，尖端无切割力

Round end tapered with safe end

857



尺寸 · Size	Ø 1/10 mm	014
L	mm	10,5
角度 · Angle	α	1,8°

FG - Friction Grip (FG)



806 314 220524 ...

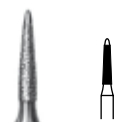
857.314. ... 014

\odot_{max} 300000 min⁻¹/rpm

圆头截锥形，尖端无切割力

Round end tapered with safe end

● 861 GKEF
● 8861 GK



尺寸 · Size	Ø 1/10 mm	012
L	mm	6,0

FG - Friction Grip (FG)



806 314 255504 ...

● 861GKEF.314. ... 012

806 314 255514 ...

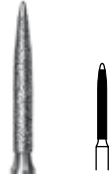
● 8861GK.314. ... 012

尖端无切割力的火焰形

Flame with safe end



- **863 GKEF**
- **8863 GK**



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	10,0

FG · Friction Grip (FG)



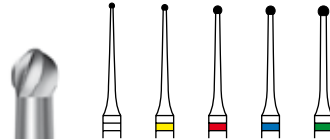
806 314 256504 ...

●	863GKEF.314. ...	012
---------------------------------------	-------------------------	-----

806 314 256514 ...

●	8863GK.314. ...	012
------------------------------------	------------------------	-----

⊙_{max.} 300000 min⁻¹/rpm
尖端无切割力的火焰形
Flame with safe end



H 1 SML



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	006	008	010	012	014

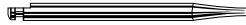
RAL · Right-angle long (RAL)



H1SML.205. ...

006	008	010	012	014
-----	-----	-----	-----	-----

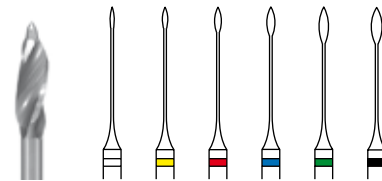
RAXL · Right-angle extra-long (RAXL)



H1SML.206. ...

006	-	010	-	014
-----	---	-----	---	-----

⊙_{max.} 20000 min⁻¹/rpm
⊙_{opt.} 1500 min⁻¹/rpm
用于根管峡部的预备，细颈改良型，视野更佳
For isthmus preparation, slim neck for improved vision
Shank 205 length 31 mm
Shank 206 length 34 mm



G 180



		6	6	6	6	6	6
尺寸 · Size	∅ 1/100 mm	050	070	090	110	130	150

RA · Right-angle (RA)



330 204 679336 ...

G180.204. ...

050	070	090	110	130	150
-----	-----	-----	-----	-----	-----

⊙_{max.} 20000 min⁻¹/rpm
“G”型扩大钻，不锈钢
Reamer Gates Glidden “G”, stainless steel



Sortimente:
Assortments:

G180.204.S

1 x 050 - 150



Sortimente:
Assortments:

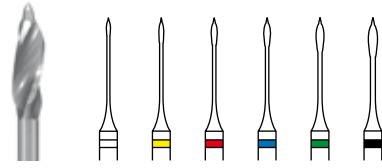
G180A.204.S

1 x 050 - 110

G180A.204.S1

1 x 050 - 150

G 180 A



尺寸 · Size	$\varnothing \frac{1}{100}$ mm	050	070	090	110	130	150
		6	6	6	6	6	6

RA · Right-angle (RA)



G180A.204. ...

050 070 090 110 130 150

\odot_{max} 20000 min⁻¹/rpm

“G”型扩大钻，短，不锈钢

Reamer Gates Glidden “G”, short, stainless steel

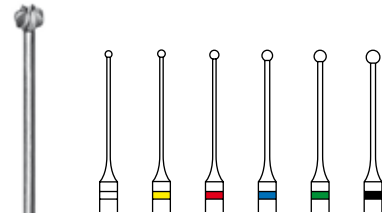


Sortimente:
Assortments:

191.204.S1

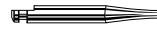
1 x 090 - 180

191



尺寸 · Size	$\varnothing \frac{1}{100}$ mm	090	100	120	140	160	180
		6	6	6	6	6	6

RA · Right-angle (RA)



310 204 698001 ...

191.204. ...

090 100 120 140 160 180

\odot_{max} 20000 min⁻¹/rpm

“Müller”牙髓钻，不锈钢

Pulp bur “Müller”, stainless steel

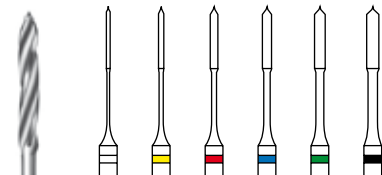


Sortimente:
Assortments:

183L.204.S1

1 x 070 - 170

183 L



尺寸 · Size	$\varnothing \frac{1}{100}$ mm	070	090	110	130	150	170
		6	6	6	6	6	6

RA · Right-angle (RA)



310 204 682336 ...

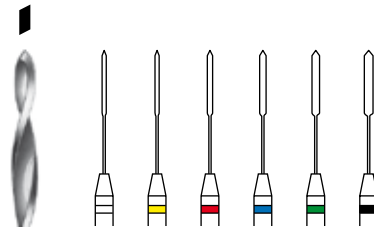
183L.204. ...

070 090 110 130 150 170

\odot_{max} 20000 min⁻¹/rpm

“P”型扩大钻，不锈钢

Reamer “P” stainless steel



17718



Sortimente:
Assortments:

L = 18 mm

17718.204.S1

1 x 035 - 105



		6	6	6	6	6	6
尺寸 · Size	Ø 1/100 mm	035	045	060	075	090	105

RA · Right-angle (RA)



310 204 635459 ...

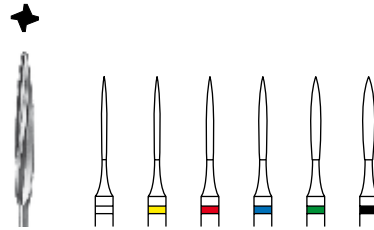
17718.204. ...

	035	045	060	075	090	105
--	-----	-----	-----	-----	-----	-----

⊙_{max.} 20000 min⁻¹/rpm

“B2”型钻, 不锈钢

Bur “B2”, stainless steel



182



Sortimente:
Assortments:

182.204.S

1 x 090 - 180



		6	6	6	6	6	6
尺寸 · Size	Ø 1/100 mm	090	100	120	140	160	180

RA · Right-angle (RA)



330 204 680336 ...

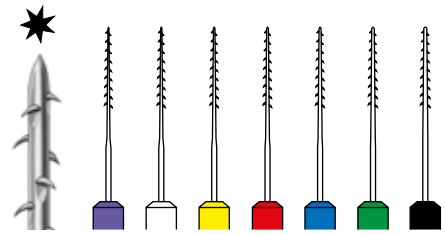
182.204. ...

	090	100	120	140	160	180
--	-----	-----	-----	-----	-----	-----

⊙_{max.} 20000 min⁻¹/rpm

“B1”型扩大钻, 不锈钢

Reamer “B1”, stainless steel



9107



Sortimente:
Assortments:

9107.634.S1

- 2 x 030
- 2 x 035
- 2 x 040



		6	6	6	6	6	6	6
尺寸 · Size	Ø 1/100 mm	020	025	030	035	040	050	060

短把手 · Handle



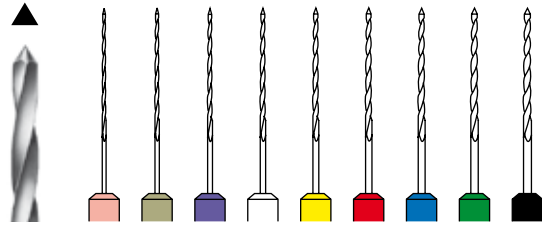
340 654 657455 ...

9107.654. ...	020	025	030	035	040	050	060
---------------	-----	-----	-----	-----	-----	-----	-----

拔髓针，不锈钢
除德国和奥地利外，其他国家包装为10支/包，
而非6支/包
*Nerve broaches, stainless spring steel
In countries other than Germany and Austria the packing
unit is 10 instead of 6.*



17121
17125
17128
17131



Sortimente:
Assortments:

L = 25 mm

17125.204.S1

1 x 015 - 040

17121.654.S1

17125.654.S1

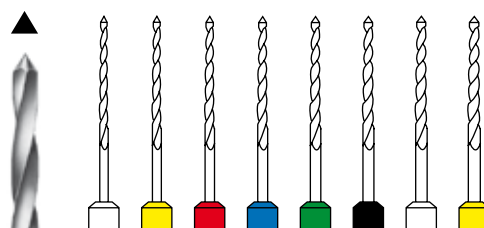
1 x 015 - 040



尺寸 · Size	Ø 1/100 mm	006	008	010	015	020	025	030	035	040
Winkelstück · Right-angle (RA)										
340 204 639451 ...										
	17121.204. ...	-	-	010	015	020	025	030	035	040
340 204 640451 ...										
	17125.204. ...	-	008	010	015	020	025	030	035	040
短把手 · Handle										
340 654 639451 ...										
	17121.654. ...	006	008	010	015	020	025	030	035	040
340 654 640451 ...										
	17125.654. ...	006	008	010	015	020	025	030	035	040
340 654 641451 ...										
	17128.654. ...	006	008	010	015	020	025	030	035	040
340 654 642451 ...										
	17131.654. ...	006	008	010	015	020	025	030	035	040

根管预备器械，根管钻孔器“K”，不锈钢弹簧
Instruments for root canal preparation, root canal
reamers "K", stainless spring steel

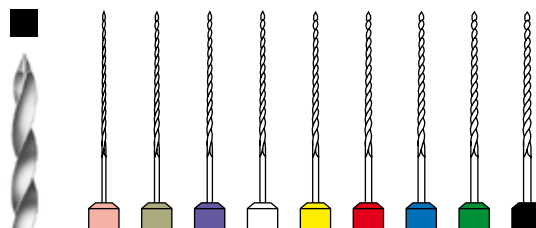
17121
17125
17128
17131



尺寸 · Size	Ø 1/100 mm	045	050	055	060	070	080	090	100
RA · Right-angle (RA)									
340 204 639451 ...									
17121.204. ...		045	050	055	060	070	080	-	-
340 204 640451 ...									
17125.204. ...		045	050	055	060	070	080	090	100
短把手 · Handle									
340 654 639451 ...									
17121.654. ...		045	050	055	060	070	080	090	100
340 654 640451 ...									
17125.654. ...		045	050	055	060	070	080	090	100
340 654 641451 ...									
17128.654. ...		045	050	055	060	070	080	090	-
340 654 642451 ...									
17131.654. ...		045	050	055	060	070	080	090	-

根管预备器械, “K”型根管扩大针, 不锈钢
Instruments for root canal preparation, root canal reamers “K”, stainless spring steel

17321
17325
17328
17331



尺寸 · Size	Ø 1/100 mm	006	008	010	015	020	025	030	035	040
短把手 · Handle										
340 654 645452 ...										
17321.654. ...		006	008	010	015	020	025	030	035	040
340 654 646452 ...										
17325.654. ...		006	008	010	015	020	025	030	035	040
340 654 647452 ...										
17328.654. ...		006	008	010	015	020	025	030	035	040
340 654 648452 ...										
17331.654. ...		006	008	010	015	020	025	030	035	040

用于根管峡部的预备, K型根管锉, 不锈钢
Instruments for root canal preparation, “K” files, stainless spring steel



Sortimente:
Assortments:

L = 21 mm

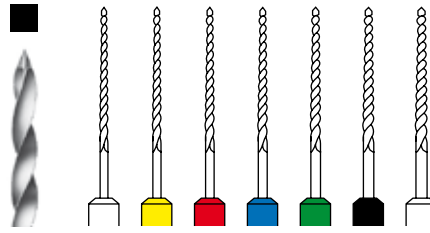
173(21).654.S1

1 x 015 - 040

173 25.654.S1



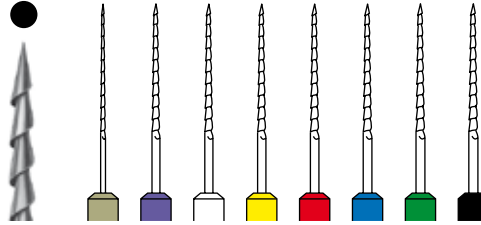
17321
17325
17328
17331



尺寸 · Size	Ø 1/100 mm	045	050	055	060	070	080	090
短把手 · Handle								
340 654 645452 ...								
17321.654. ...		045	050	055	060	070	080	090
340 654 646452 ...								
17325.654. ...		045	050	055	060	070	080	090
340 654 647452 ...								
17328.654. ...		045	050	055	060	070	080	-
340 654 648452 ...								
17331.654. ...		045	050	055	060	070	080	090

根管预备器械，“K”型根管锉，不锈钢
Instruments for root canal preparation, “K” files, stainless
spring steel

17421
17425
17428
17431



尺寸 · Size	Ø 1/100 mm	008	010	015	020	025	030	035	040
右角 · Right-angle (RA)									
340 204 650453 ...									
17421.204. ...		-	-	015	020	025	030	035	040
340 204 651453 ...									
17425.204. ...		-	010	015	020	025	030	035	040
手柄 · Handle									
340 654 650453 ...									
17421.654. ...		008	010	015	020	025	030	035	040
340 654 651453 ...									
17425.654. ...		008	010	015	020	025	030	035	040
340 654 652453 ...									
17428.654. ...		008	010	015	020	025	030	035	040
340 654 653453 ...									
17431.654. ...		008	010	015	020	025	030	035	040

根管预备器械，根管钻“H”，不锈钢
Instruments for root canal preparation, Hedstroem files
„H”, stainless spring steel



Sortimente:
Assortments:

L = 21 mm

17421.654.S1

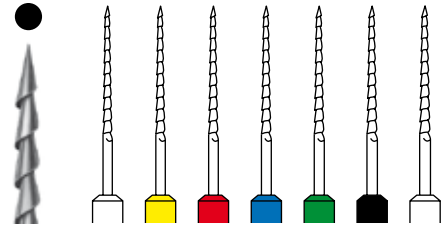
1 x 015 - 040

17425.654.S1

17428.654.S1

17431.654.S1

17421
17425
17428
17431



Sortimente:
Assortments:

L = 25 mm

17425.654.S2

1 x 045 - 080



尺寸 · Size	Ø 1/100 mm	045	050	055	060	070	080	090
短把手 · Handle								
340 654 650453 ...								
17421.654. ...		045	050	055	060	070	080	090
340 654 651453 ...								
17425.654. ...		045	050	055	060	070	080	090
340 654 652453 ...								
17428.654. ...		045	050	055	060	070	080	090
340 654 653453 ...								
17431.654. ...		045	050	055	060	070	080	090

根管预备器械, “H”型根管锉, 不锈钢
Instruments for root canal preparation, Hedstroem files
“H”, stainless spring steel



F360 – Anything other than complicated

Quality before quantity: With the new file system F360 containing just two nickeltitanium files in the sizes 025 and 035, most root canals can be prepared simply and efficiently. The most outstanding feature of these files is their innovative design. Thanks to their flexible double-S cross section, in combination with large chip spaces and dynamic torsion, these files achieve an outstanding cleaning result and absolute precision during preparation.

- 2 files for most root canals
- Rotary use along the entire working length
- Flexible nickel-titanium files with a slim taper 04 capable of perfectly adapting to the anatomy of all root canals
- All files have the same torque
- Disposable files
- Sterile packed



F360: “简单、全能”

质量高于数量：F360新型根管锉系统包含仅仅2支镍钛根管锉，尺寸分别为025和035。使用这套系统，可以简单而高效地预备大多数根管。这些根管锉的最大特点是其创新的设计。由于其具有弹性的双S截面设计，大排屑空间和大扭矩，这些根管锉的预备效果出众，并且绝对精确。

- 2支锉即可适应绝大部分根管
- 全长预备，旋转使用
- 具有弹性的镍铁根管锉，较窄的04度锥度，完美匹配所有根管的解剖形态
- 所有根管锉使用相同扭矩
- 一次性根管锉
- 灭菌包装

目前仅在德国和奥地利有售。



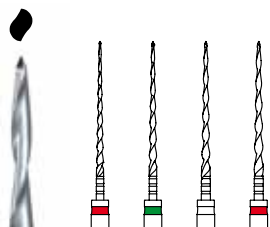
4634.000



F360器械初始套装4634
F360 Introductory set 4634

241

F 04 L 21
F 04 L 25
F 04 L 31



尺寸 · Size	Ø 1/100 mm	025	035	045	055
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RA · Right-angle (RA)



F04L21.204. ...	025	035	045	055
F04L25.204. ...	025	035	045	055
F04L31.204. ...	025	035	045	055

○_{max} 500 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 10 2012 012 986*

*未注册/*pending

F360根管锉, 4度锥角, 环形颜色标记

F360 file, taper 04, ring-shaped colour code

Single-use file, sterile packed, for canal preparation to the full working length in picking motion, nickel-titanium

		6	
●	F04L25.204.025	6	
●	F04L25.204.035	6	
	17325.654.010	6	
	17325.654.015	6	
●	AK10L19.204.035	1	
	595.000	1	
	GPF04.000	1	
	PPF04.000	1	
	PPF04.000	3	



GPF 04.000



F360牙胶尖, 04度锥角, 60件

具有色环标记, 标有刻度, X射线阻射, 长度28 mm

含: 025尺寸 x 20支, 035尺寸 x 20支, 045尺寸 x 10支, 055尺寸 x 10支

F360 Guttapercha points, taper 04, 60 pieces

Colour coded, graduated and radiopaque, length 28 mm

Contents: 20 x size 025, 20 x size 035, 10 x size 045, 10 x size 055



PPF 04.000



F360纸尖, 04度锥角, 60件

具有色环标记, 长度28 mm

含: 025尺寸 x 20支, 035尺寸 x 20支, 045尺寸 x 10支, 055尺寸 x 10支

F360 Paper points, taper 04, 60 pieces

Colour coded, length 28 mm

Contents: 20 x size 025, 20 x size 035, 10 x size 045, 10 x size 055



F360 Fill

F360 Fill is a carrier-based filling system for thermoplastic, three-dimensional root canal fillings. The F360 Fill obturators consist of a plastic core coated with thermoplastic gutta-percha. The obturator is heated in the F360 Fill oven in order to guarantee a tight obturation of the root canal. F360 is a universal post system that ideally complements for example the F360 files.



F360 Fill

F360 Fill是一种热塑型三维根管充填系统，匹配机用根管充填系统使用。F360 Fill封闭充填尖包含一支涂覆有热塑牙胶的塑料芯。封闭充填尖在F360 Fill充填加热炉中加热，以确保根管封闭紧密。F360是一种通用桩核系统，可作为F360根管锉的理想补充。



9994.000

F360充填加热炉
F360 Fill Oven
用于加热F360填充棒的加热炉
F360 Fill Oven
Oven for heating of the F360 Fill Obturators



9995



		6	6	6	6	6	6	6	6	6
尺寸 · Size	Ø 1/100 mm	020	025	030	035	040	045	050	055	060

9995.000. ... 020 025 030 035 040 045 050 055 060

F360充填测量器
用于测定F360填充棒的正确尺寸的器械
F360 Fill Verifier
Instruments to determine the correct size of the F360 Fill
Obturator



9996



		6	6	6	6	6	6	6	6	6
		●	●	●	●	●	●	●	●	●
尺寸 · Size	Ø 1/100 mm	020	025	030	035	040	045	050	055	060

9996.000. ... 020 025 030 035 040 045 050 055 060

F360填充棒
填充棒包含一个塑料核心，涂覆了热塑性牙胶，使用前需在F360充填加热炉中加热，以便实现致密充填。
通用填充系统，适用于诸如F360根管锉系统
具有色环标记，X射线阻射
F360 Fill Obturators
Obturator consisting of a plastic core, coated with thermo plastic gutta-percha, to be heated in the F360 Fill Oven to achieve a tight, three-dimensional filling
Universal obturator system, suitable for example for F360 files
Color coded and radiopaque



AlphaKite

AlphaKite - NiTi files for the preparation of root canals according to the Crown-Down technique

- Kite-shaped cross section for effective and safe preparation
- 25 files for great versatility
- Preparation according to the Crown-Down technique
- Made of highly flexible nickel-titanium
- The files are provided with a layer of titanium nitride to protect them from premature blunting caused by sterilisation or contact with NaOCl

- ❶ Cutting angle 60°
- ❷ Supporting cutting angles



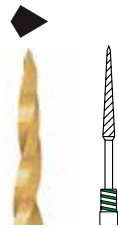
AlphaKite

AlphaKite - 基于冠底技术，根管预备的镍钛器械

- 风筝形的横截面可以做到有效和安全的预备
- 超大功能的25支装
- 根据冠底技术预备
- 由灵活性高的镍钛材料制成
- 该器械具备一层镍钛氮化物，可以保护它们在灭菌或与NaOCl接触时过早变钝

- ❶ 切割角度为60度
- ❷ 支持切割角度

AK 10 L 15 AK 10 L 19



		6
尺寸 · Size	∅ 1/100 mm	035

RA · Right-angle (RA)



AK10L15.204. ... 035

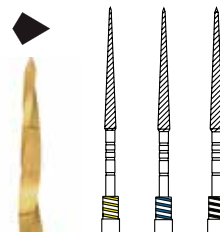
AK10L19.204. ... 035

⊙_{max} 800 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 598 027

AlphaKite根管锉Taper 10, 长度15mm或19mm 直根管入口部位的通用型扩大钻, 镍钛合金, TiN涂层
除德国和奥地利意外, 其他国家包装为5支/包, 而非6支/包

AlphaKite File Taper 10, length 15 mm or 19 mm
Universal reamer for the straight root canal entrance area, nickel-titanium with TiN coating
In countries other than Germany and Austria the packing unit is 5 instead of 6

AK 08 L 25



		6	6	6
尺寸 · Size	∅ 1/100 mm	020	030	040
L	mm	25,0	25,0	25,0

RA · Right-angle (RA)

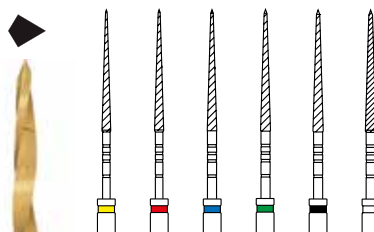


AK08L25.204. ... 020 030 040

⊙_{max} 500 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 598 027

AlphaKite根管锉Taper 08, 长度25mm, 螺旋状颜色代码 适用于初步扩大根管和探查, 镍钛合金, 带有TiN涂层
除德国和奥地利意外, 其他国家包装为5支/包, 而非6支/包

AlphaKite file taper 08, length 25 mm, spiral-shaped colour code
File for initial canal access reaming, nickel-titanium with TiN coating
In countries other than Germany and Austria the packing unit is 5 instead of 6



AK 06 L 25



		6	6	6	6	6	6
尺寸 · Size	$\varnothing \frac{1}{100}$ mm	020	025	030	035	040	045
L	mm	25,0	25,0	25,0	25,0	25,0	25,0

RA · Right-angle (RA)



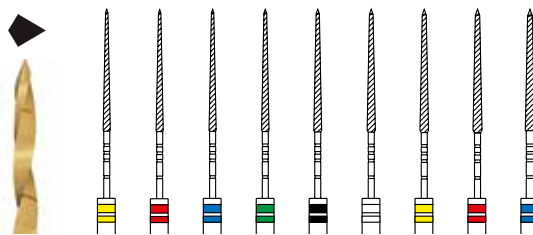
AK06L25.204. ...	020	025	030	035	040	045
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\odot_{max} 500 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
EP 1 598 027

AlphaKite根管锉Taper 06, 长度25mm, 单环 适用于
根管预备, 镍钛合金, 带有TiN涂层
除德国和奥地利意外, 其他国家包装为5支/包, 而
非6支/包

AlphaKite file taper 06, length 25 mm, 1 ring
File for canal preparation, nickel titanium with TiN coating
In countries other than Germany and Austria the packing
unit is 5 instead of 6



AK 04 L 25



		6	6	6	6	6	6	6	6	6
尺寸 · Size	$\varnothing \frac{1}{100}$ mm	020	025	030	035	040	045	050	055	060
L	mm	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0

RA · Right-angle (RA)



AK04L25.204. ...	020	025	030	035	040	045	050	055	060
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\odot_{max} 500 min⁻¹/rpm

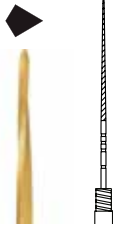
实用新型专利, 专利/Utility model, patents
EP 1 598 027

AlphaKite根管锉Taper 04, 长度25mm, 双环 适用于
根管预备, 镍钛合金, 带有TiN涂层
除德国和奥地利意外, 其他国家包装为5支/包, 而
非6支/包

AlphaKite file taper 04, length 25 mm, 2 rings
File for canal preparation, nickel titanium with TiN coating
In countries other than Germany and Austria the packing
unit is 5 instead of 6



AK 03 L 25



		6
尺寸 · Size	∅ 1/100 mm	015
L	mm	25,0

RA · Right-angle (RA)



AK03L25.204. ...

015

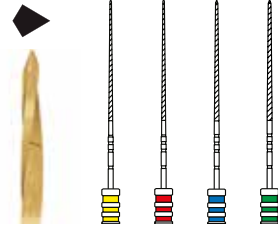
⊖_{max} 500 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 598 027

AlphaKite根管锉Taper 03, 长度25mm, 螺旋状颜色代码 适用于初步探查, 镍钛合金, 带有TiN涂层
除德国和奥地利意外, 其他国家包装为5支/包, 而非6支/包

AlphaKite file taper 03, length 25 mm, spiral-shaped colour code

File for initial probing, nickel-titanium with TiN coating
In countries other than Germany and Austria the packing unit is 5 instead of 6

AK 02 L 25



		6	6	6	6
尺寸 · Size	∅ 1/100 mm	020	025	030	035
L	mm	25,0	25,0	25,0	25,0

RA · Right-angle (RA)



AK02L25.204. ...

020 025 030 035

⊖_{max} 500 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 598 027

AlphaKite根管锉Taper 02, 长度25mm, 三环 适用于根管预备, 镍钛合金, 带有TiN涂层
除德国和奥地利意外, 其他国家包装为5支/包, 而非6支/包

AlphaKite file taper 02, length 25 mm, 3 rings

File for canal preparation, nickel-titanium with TiN coating
In countries other than Germany and Austria the packing unit is 5 instead of 6



540.000



AlphaKite插入式托盘, 含有银离子的PP, 抗菌 (无器械)
Insert tray AlphaKite, PP with silver ions, antibacterial (without instruments)



539.000



尺寸 · Dimensions mm 90 x 90 x 55

灭菌用容器 AlphaKite, 无密封, 不需维护, 带有可使用 150 次灭菌周期的滤片, 可叠放, 可连接, 透明 PPSU 塑料制成
Sterilisation container AlphaKite, no seals, no maintenance, with sterilisation filter for 150 sterilisation cycles, stackable, connectable, transparent PPSU plastic

247



4579.000



AlphaKite套装灭菌容器和插入式托盘 (无器械)
AlphaKite kit, sterilisation container and insert tray (without instruments)



539.000. 1 灭菌容器 AlphaKite

540.000. 1 加入托盘 AlphaKite

















E-Drive



E-Drive

The torque-limited endodontic contra-angle E-Drive allows safe and easy preparation of root canals, in combination with the F360 and AlphaKite systems or other conventional file systems.

- Safe and easy
- The E-Drive can be placed directly onto the coupling of the micro motor
- The torque can be transmitted at 5 different levels
- The E-Drive can be directly connected to an apex locator – to locate the apex without using a file clamp
- Transmission 115:1

E-Drive是扭力限制的根管治疗弯机，它能够安全和方便的做根管预备，可以结合F360和AlphaKite系统或其他传统系统一起使用。

- 安全方便
- E-Drive能够直接被放置在微马达的连接上使用
- 扭矩可以调整到5个不同级别
- E-Drive可以直接连接于定位尖，不需要夹钳
- 变速器115 : 1



9938.000



E-Drive是扭力限制的根管治疗弯机

E-Drive
Torque limited endodontic contra-angle



9939.000



E-Drive 根尖夹，针头直径 2.0 mm
用于带有一条 Ø 2.0 mm 电源线的根管装置
E-Drive Apex Clip, pin diameter 2.0 mm
For endometric devices with a cable connection of Ø 2.0 mm



256

9940.000



E-Drive 根尖夹, 针头直径 1.5 mm
用于带有一条 \varnothing 1.5 mm 电源线的根管装置
E-Drive Apex Clip, pin diameter 1.5 mm
For endometric devices with a cable connection of \varnothing 1.5 mm



9941.000

E-Drive 清洁剂
用于清洁根管E-Drive弯手机
E-Drive Spray
For cleaning and lubricating the endodontic contra-angle E-Drive



LOCA 11.000

ZH - Locapex five Endodontic 在根管预备的过程中用于尖端定位

Locapex five
Endodontic measuring device for localizing the apex during the preparation of the root canal



541.000



通用型根管插入式托盘, 适用于28只髓内器械 (手柄和反角), 含有银离子的PP, 抗菌 (无器械)

Universal Endo insert tray, for 28 endodontic instruments (handpiece and contra-angle), PP with silver ions, antibacterial (without instruments)



556.000



尺寸 · Dimensions mm 90 x 90 x 55

灭菌用容器 A8无密封, 不需维护, 带有可使用150次灭菌周期的滤片, 可叠放, 可连接, 透明PPSU塑料制成

Sterilisation container A8, no seals, no maintenance, with sterilisation filter for 150 sterilisation cycles, stackable, connectable, transparent PPSU plastic

257



4580.000



通用型根管套装灭菌容器和插入式托盘 (无器械)

Universal Endo kit, sterilisation container and insert tray (without instruments)



9934

适用于消毒盒(A8)的消毒滤网 25 x 61 mm, 应在使用12个月之后或者经过150次消毒后进行更换, ePTFE, 2件

Sterilisation filter 25 x 61 mm for sterilisation container A8, change after 12 months or after 150 sterilisation cycles, ePTFE, 2 pcs.

			📄
556.000.	1	A8灭菌容器 Sterilisation container A8	
541.000.	1	通用型Endo插入盘 Universal Endo insert tray	



9880

用于灭菌容器的日期插片，可以表示年份，当达到150次灭菌周期或至少每年更换一次过滤器时进行更换。日期插片的颜色每年不同。
Date insert for sterilisation container, with indication of the year, to be exchanged or reset when the filter is changed after approx. 150 sterilisation cycles or at least once a year. The date insert comes in a different colour every year



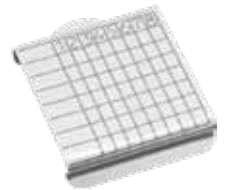
9878

带有点状标志的灭菌容器密封标签，可选用配件，每次灭菌使用1个标签。在灭菌过程中点状指示条颜色改变。
Sealing label for sterilisation container with dot indicator, optional accessory, 1 label per sterilisation. The dot indicator changes colour during the sterilisation process



9879

灭菌容器的安全密封，可选用配件，每次灭菌使用1个。盖子打开后封条断开。
Safety seal for sterilisation container, optional accessory, 1 seal per sterilisation. The seal breaks when the lid is opened



590 U.000



尺寸 · Dimensions mm 24,5 x 19 x 4,6

Frequency clip for various insert trays (e.g. AlphaKite, universal endodontic trays)
对于根管器械和其他器械的使用次数记录，可以用标准永久防水的标记标出
Frequency clip for various insert trays (e.g. AlphaKite, universal endodontic trays). To record how many times the endodontic files and other instruments have been used. Can be marked with standard waterproof permanent markers



9955.000



尺寸 · Dimensions	mm	67 x 50 x 61
-----------------	----	--------------

清洗盒
机械清洗和器械的热消毒

Washing box

For mechanical cleaning and disinfection of instruments in the thermo disinfectant



9870



尺寸 · Dimensions	mm	90 x 52 x 13
-----------------	----	--------------

Alpha顺序设定器，不锈钢制成的器械架，带有12个特氟龙器械插孔（手柄和直角柄），三种硅胶制成的Sterimeters（黄色、红色、蓝色）用来计算已经进行灭菌次数，盖子上有长度测量计

Alpha Sequencer, instrument block made of stainless steel, teflon insert with 12 instrument holes (handle or right angle shank), 3 Sterimeters (yellow, red, blue) made of silicone for counting the sterilisation cycles already carried out, measurement scale on the inside of the lid



Endo Rescue



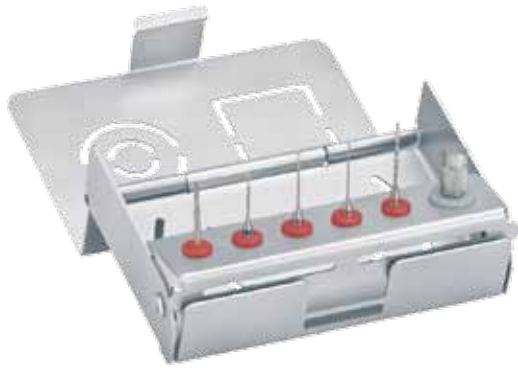
Endo Rescue

Endo Rescue: For the removal of instrument fragments

The fracture of an instrument during an endodontic treatment not only causes the dentist enormous stress, it also poses an increased risk of post-endodontic complications to the patient. The Endo Rescue Set provides a simple and systematic solution, providing access to the opening of the root canal and allowing the removal of the fractured instrument. Once straight access to the fragment has been created by means of a conventional endodontic drill and two Gates burs, two specifically developed instruments greatly simplify a previously complicated procedure. A centre drill exposes the coronal part of the fragment. An extremely fine trepan bur is then placed onto the fragment which is seized by the bur and held in place by dentin residues. The fragment is then pulled out of the root in an anti-clockwise direction.

Endo Rescue : 用于取断针

根管治疗中器械折断不仅给牙科医生带来了很大的压力，而且还增加了患者根管治疗后并发症的风险。Endo Rescue取根管断针套装为此提供了一个简单而系统的解决方案，可以进入根管的开口，并且取出折断的器械。一旦使用传统的根管治疗钻和两种Gates车针建立了通向折断器械的直线通道后，两种特制的器械可以简化以前十分复杂的操作。中心钻暴露断片的冠状部分。将超细的环钻放置在断片上，随后环钻可以抓取被牙本质残留物包围的碎片。然后在逆时针方向将碎片拉出压根。



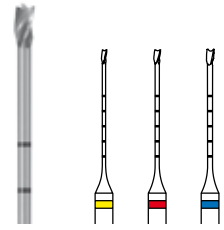
4601.000



Endo Rescue Kit
取断针器械
Endo Rescue Kit
For the removal of fractured instruments

	H269GK.315.016	1	
	G180A.204.110	1	
	G180.204.090	1	
	RKP.204.090	1	
	RKT.204.090	1	
	155.000.	1	

RKP



			2	2	2
尺寸 · Size	$\varnothing \frac{1}{100}$ mm		070	090	110

RA · Right-angle (RA)

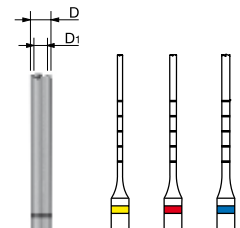


RKP.204. ...

070 **090** **110**

\odot_{max} 20000 min⁻¹/rpm
 \odot_{opt} 300 min⁻¹/rpm
Endo Rescue 中心钻
Endo Rescue Centre Drill

RKT



			2	2	2
尺寸 · Size	$\varnothing \frac{1}{100}$ mm		070	090	110
D	$\varnothing \frac{1}{10}$ mm		7	9	11
D ₁	$\varnothing \frac{1}{10}$ mm		4	5	7

RA · Right-angle (RA)



RKT.204. ...

070 **090** **110**

\odot_{max} 20000 min⁻¹/rpm
 \odot_{opt} 300 min⁻¹/rpm
Endo Rescue 环钻
逆时针旋转使用
Endo Rescue Trepan bur
To be used in anticlockwise rotation



GP 02



		100	100	100	100	100	100	100
		○	●	●	●	●	●	○
尺寸 · Size	∅ $\frac{1}{100}$ mm	015	020	025	030	035	040	045

GP02.000. ...	015	020	025	030	035	040	045
---------------	-----	-----	-----	-----	-----	-----	-----

牙胶尖，尖端锥度 02
彩色标识环，带有刻度以及不透射线的
长度: 28 mm
Guttapercha points taper 02
Colour coded, graduated and radiopaque
Length: 28 mm



GP 04



		100	100	100	100	100	100	100	100	
		●	●	●	●	●	○	●	●	
尺寸 · Size	∅ $\frac{1}{100}$ mm	020	025	030	035	040	045	050	055	060

GP04.000. ...	020	025	030	035	040	045	050	055	060
---------------	-----	-----	-----	-----	-----	-----	-----	-----	-----

牙胶尖，尖端锥度 04
彩色标识环，带有刻度以及不透射线的
长度: 28 mm
Guttapercha points taper 04
Colour coded, graduated and radiopaque
Length: 28 mm



GP 06



		100	100	100	100	100	100
尺寸 · Size	$\varnothing \frac{1}{100}$ mm	020	025	030	035	040	045

GP06.000. ...

020 025 030 035 040 045

牙胶尖, 尖端锥度 06
彩色标识环, 带有刻度以及不透射线的
长度: 28 mm
Guttapercha points taper 06
Colour coded, graduated and radiopaque
Length: 28 mm



GP 08



		60
尺寸 · Size	$\varnothing \frac{1}{100}$ mm	030

GP08.000. ...

030

牙胶尖, 尖端锥度 08
彩色标识环, 带有刻度以及不透射线的
长度: 28 mm
Guttapercha points taper 08
Colour coded, graduated and radiopaque
Length: 28 mm



Sortiment:
Assortment:

PP02.000.S1

015 - 040

200

PP 02



	200	200	200	200	200	200	
	○	●	●	●	●	●	
尺寸 · Size	Ø 1/100 mm	015	020	025	030	035	040

PP02.000. ...

015	020	025	030	035	040
-----	-----	-----	-----	-----	-----

吸潮纸, 尖端锥度 02
彩色标识环, 长度: 28 mm
Paper points taper 02
Colour coded, length: 28 mm



PP 04



	60	60	60	60	60	60	60	60	
	○	●	●	●	●	●	○	●	
尺寸 · Size	Ø 1/100 mm	015	020	025	030	035	040	045	055

PP04.000. ...

015	020	025	030	035	040	045	055
-----	-----	-----	-----	-----	-----	-----	-----

吸潮纸, 尖端锥度 04
彩色标识环, 长度: 28 mm
Paper points taper 04
Colour coded, length: 28 mm



EasySeal

EasySeal

After a successful treatment of the root canal, the canal is tightly sealed with a root filling in order to prevent reinfection.

EasySeal is a root filling material based on epoxy resin which allows a permanent apical seal. It is self-sterilizing, radiopaque and dimensionally stable. The EasySeal root filling material is in a twin-chamber syringe which allows safe and easy application without previous mixing.

根管治疗完成后，使用根管充填材料，将根管紧密封闭，以防止再次感染。

EasySeal是一种基于环氧树脂的根管充填材料，用于永久封闭根尖。这种材料具有自消毒功能，X射线阻射且尺寸保持稳定。EasySeal根管充填材料的包装为双组分混合枪，因而使用时无需预先混合，安全而方便。



9978.000



EasySeal
基于环氧树脂的永久根管充填糊剂
12 g 微型混合枪
含20个混合头和20个根管充填尖
EasySeal
Permanent root filling material on the basis of epoxy polymer
12 g minimix syringe
Incl. 20 mixing tips and 20 endo tips

9979



1

9979.000. ...



20 EasySeal混合头
20 EasySeal mixing tips

9980

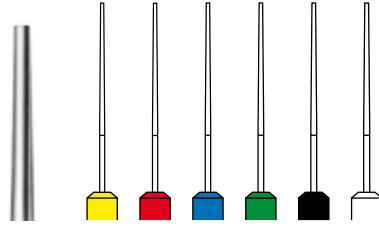


1

9980.000. ...



20 EasySeal根管充填尖
20 EasySeal endo tips



17025



		6	6	6	6	6	6
尺寸 · Size	∅ 1/100 mm	020	025	030	035	040	045

手柄 · Handle

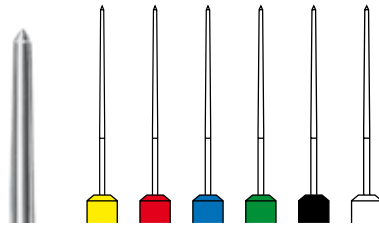


340 654 667461 ...

17025.654. ...

020 025 030 035 040 045

充填器, 不锈钢弹簧
Plugger, stainless spring steel



17225



		6	6	6	6	6	6
尺寸 · Size	∅ 1/100 mm	020	025	030	035	040	045

手柄 · Handle



340 654 632467 ...

17225.654. ...

020 025 030 035 040 045

侧向加压器, 不锈钢弹簧钢
Spreader, stainless spring steel



Sortimente:
Assortments:

L = 25 mm

172(25).654.S1

1 x 020 - 045

NTD 11 T.000



Naviflex 侧向加压器 2° L21 mm, 镍钛合金, 不锈钢柄
Naviflex Spreader 2° L21 mm, nickel-titanium alloy, handle stainless steel

NTD 11 T 25.000



Naviflex 侧向加压器 2° L25 mm, 镍钛合金, 不锈钢柄
Naviflex Spreader 2° L25 mm, nickel-titanium alloy, handle stainless steel

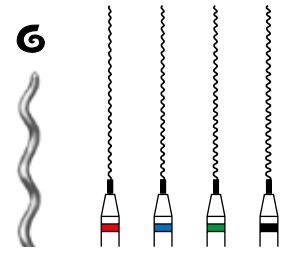
Sortimente:
Assortments:

L = 21 mm

17821.204.S1
3 x 025 1 x 035
1 x 030 1 x 040

17825.204.S1
3 x 025 1 x 035
1 x 030 1 x 040

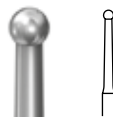
17821
17825



	6	6	6	6
尺寸 · Size	Ø 1/100 mm 025	030	035	040
RA · Right-angle (RA)				
340 204 672458 ...				
17821.204. ...	025	030	035	040
340 204 673458 ...				
17825.204. ...	025	030	035	040

“L”型根管输送针，不锈钢
除德国和奥地利意外，其他国家包装为4支/包，而非6支/包
Root filler “L”, stainless spring steel
In countries other than Germany and Austria the packing unit is 4 instead of 6

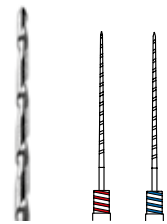
GP 801 L



	5
尺寸 · Size	Ø 1/10 mm 014
FG · Friction Grip (FG)	
340 204 672458 ...	
GP801L.314. ...	014

○_{max.} 300000 min⁻¹/rpm
牙胶尖磨头
当使用载体式密闭装置时，运用于切割牙胶尖或者塑料载体
配合红色增速反角手机一同使用尤佳，不使用喷水冷却，仅施加低接触压力
Guttapercha cutter
For cutting guttapercha or the plastic carrier in case of using a carrier-based obturation system
To be used preferably in the red contra-angle without cooling agent, applying low contact pressure

GPR



	5	5
尺寸 · Size	Ø 1/100 mm 025	030
RA · Right-angle (RA)		
340 204 672458 ...		
GPR.204. ...	025	030

○_{max.} 4000 min⁻¹/rpm
牙胶清除车针，无切割刃由于旋转产生的摩擦热导致马来胶塑化，镍钛合金
Gutta-percha remover without cutting edges
Plastification of gutta-percha due to frictional heat caused by rotation, nickel-titanium alloy



9848

聚丙烯树脂培训块, 3件
Acrylic training bloc, 3 pcs.



419 F



Alpha铝制测量计
Alpha aluminium measuring gauge

268



595.000



带塑胶挡块的根管治疗器械的支撑座 (5孔)
用于治疗时保证根管器械的卫生安全储存与清洁 (不带器械)
Intermediate support for endodontic instruments with foam inserts (5 pcs)
For the hygienic intermediate storage and cleaning of root canal instruments during the treatment (without instruments)



9866

尺寸 · Dimensions	mm	50 x 30 x 17
-----------------	----	--------------

白色泡沫插件, 替换装、25片装
Foam insert white, refill 25 pcs.



9114

12

9114.000. ...

根管预备器械的挡块, 硅酮材质
Stopper for root canal preparation instruments, silicone

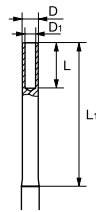
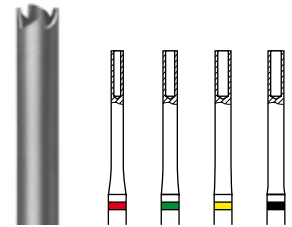
9138



		1	1	1	1	1	1	1	1
尺寸 · Size		1	2	3	4	5	6	7	8
9138.000. ...		1	2	3	4	5	6	7	8

根管停止分配器带有 100 个硅树脂填充物
Endo Stop Dispenser with 100 silicone stoppers

30013



		1	1	1	1
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	18	19	20	21
D	$\varnothing \frac{1}{10}$ mm	16,2	17,7	19,8	23,6
L	mm	6,0	6,0	6,0	6,0
D ₁	$\varnothing \frac{1}{10}$ mm	12,5	14,0	16,0	20,0
L ₁	mm	19,0	19,0	19,0	19,0

RA · Right-angle (RA)



30013.204. ...

18	19	20	21
----	----	----	----

\odot_{\max} 20000 min⁻¹/rpm

用来暴露根管中断针的环形钻

Trepan bur for exposing fragments in the root canal



215.000

角度 · Angle	α	45°
------------	----------	-----

从根管中清除断针的镊子，45°弯折，不锈钢
Tweezers for removing fragments from the root canal, bent at 45°, stainless steel



216.000

角度 · Angle	α	90°
------------	----------	-----

从根管中清除断针的镊子，90°弯折，不锈钢
Tweezers for removing fragments from the root canal, bent at 90°, stainless steel



ER 系统
ER system



ER 带涂层的牙本质桩
ER DentinPost Coated 275-276



ER 牙本质桩
ER DentinPost 277-278



ER 牙本质桩
ER DentinPost X 279-281



ER CeraPost®
ER CeraPost® 282-284



ER 带头部的桩
ER Posts with head 285-286



ER ELO 桩
ER ELO posts 287



ER Platin-Iridium 桩
ER Platin-Iridium posts 288



ER 临床桩
ER Heraplat posts 289



ER 合金桩
ER Platunor posts 290



ER ELD 桩
ER ELD posts 290



ER CAST 桩
ER CAST posts 290



ER TMP 桩
ER TMP posts 291



ER 稳定桩
ER Stabilization posts 291



ER 器械托盘和消毒容器
ER Instrument tray and
sterilisation container 310-312

OptiPost®
OptiPost®



294-298

Vario
Vario



Vario X
螺纹桩
Vario X
Threaded posts 299-300



Vario XL
螺纹桩, 长
Vario XL
Threaded posts, long 301



Vario X ELO
Vario X ELO 302



Vario 螺纹桩
Vario Threaded posts 302



Vario L
螺纹桩, 长
Vario L
Threaded posts, long 302

BKS
BKS



BKS 螺纹桩
BKS Screw post 305-309

修复装
RepairPost



修复桩,
纯钛材料
RepairPost,
pure titanium 310-312



修复纤维桩,
加强型纤维
复合树脂
RepairPost Fibre,
fibre-reinforced
composite 312-313

FO/PCR 针
FO/PCR pins



FO
FO 314



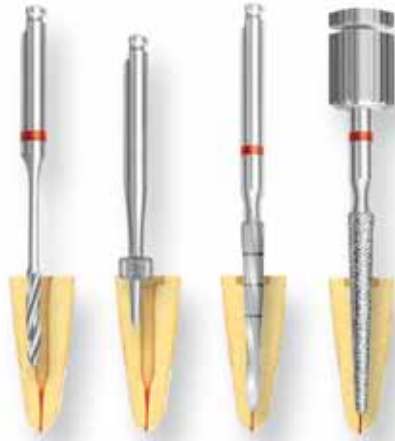
PCR
PCR 314-315

Heraplat是Heraeus Kulzer的牙科产品
ELD是来自瑞士的, DEGUDENT齿科公司的一个产品商标
Platunor是来自瑞士RUETSCHI科技公司AG, Muntelier的一个产品商标
Heraplat is a product/trademark of Heraeus Kulzer, Dental, Hanau
ELD is a product/trademark of DEGUDENT Dental GmbH, Hanau
Platunor is a product/trademark of RUETSCHI Technology AG, Muntelier, Switzerland



Root posts **根管桩**

<i>ER System</i>	272 - 274	ER 系统
<i>ER DentinPost</i>	275 - 281	DentinPost根管桩
<i>ER CeraPost®</i>	282 - 284	CeraPost®根管桩
<i>ER Titanium</i>	285 - 287	ER 钛金属
<i>ER One-piece-cast/Cast-on</i>	288 - 291	ER 一次铸型法/熔补
<i>ER Instrument trays</i>	292 - 293	ER 器械托盘
<i>OptiPost®</i>	294 - 298	OptiPost®根管桩
<i>Vario</i>	299 - 304	Vario
<i>BKS</i>	305 - 309	BKS
<i>RepairPost</i>	310 - 313	RepairPost根管桩
<i>FO/PCR Pins</i>	314 - 315	FO/PCR根管桩



ER

ER system - posts adapted to the individual indications and corresponding instruments

The adapted instruments and the specific selection of tapered ER posts are a good basis for all types of coronal reconstructions.



ER

ER系统-桩适用于单个的提示和相应的器械。

适用的器械和ER锥度桩的特殊部位，都是所有类型冠重建的重要基础。



- 直接组合复合树脂
direct composite buildup
- 分二片组合陶瓷
two-piece ceramic buildup



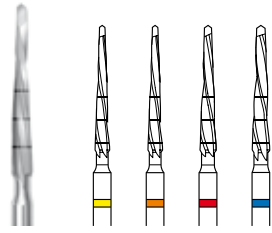
- 直接组合复合树脂
direct composite buildup



- 一片铸型
one-piece cast
- 浇筑适合的桩
Cast-on with posts suitable for casting on
- 分二片组合
two-piece buildup



196



		2	2	2	2
尺寸 · Size	Ø 1/100 mm	050	070	090	110

RA · Right-angle (RA)

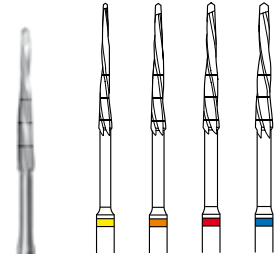


330 204 687340 ...

196.204. ... 050 070 090 110

⊙_{max} 20000 min⁻¹/rpm
扩大钻, 不锈钢
Reamer, stainless steel

196 L



		2	2	2	2
尺寸 · Size	Ø 1/100 mm	050	070	090	110

RA · Right-angle (RA)

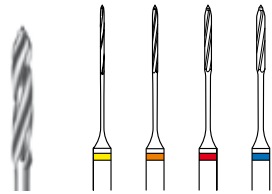


330 204 688340 ...

196L.204. ... 050 070 090 110

⊙_{max} 20000 min⁻¹/rpm
长扩大钻, 不锈钢
Reamer long, stainless steel

183 LB



		6	6	6	6
尺寸 · Size	Ø 1/100 mm	050	070	090	110

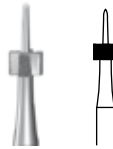
RA · Right-angle (RA)



183LB.204. ... 050 070 090 110

⊙_{max} 20000 min⁻¹/rpm
先锋钻, 不锈钢
Pilot bur, stainless steel

120 D



		1
尺寸 · Size	Ø 1/10 mm	030

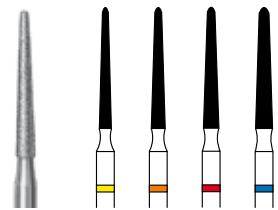
RA · Right-angle (RA)



120D.204. ... 030

⊙_{max} 20000 min⁻¹/rpm
牙根面修整器, 金刚砂涂层用于根管桩尺寸 050, 070, 090和110
Root facer, diamond coated
For posts size 050, 070, 090 and 110

196 D

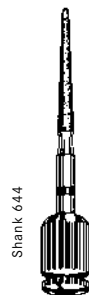


		1	1	1	1
尺寸 · Size	Ø 1/100 mm	050	070	090	110

短把手 · Handle

196D.644. ... 050 070 090 110

粗糙化器械, 金刚砂涂层
Roughening instrument, diamond coated



Shank 644



45 L 9



		1
L	mm	9

45L9.000. ...

带上部结构的根管桩和ELO根管桩的深度测量计，
不锈钢
Depth gauges for posts with head and ELO posts,
stainless steel



45 L 12



		1
L	mm	12

45L12.000. ...

带上部结构的根管桩和ELO根管桩的深度测量计，
不锈钢
Depth gauges for posts with head and ELO posts,
stainless steel

274



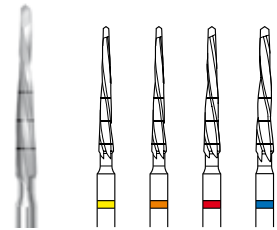
45 L 15



		1
L	mm	15

45L15.000. ...

带上部结构的根管桩和ELO根管桩的深度测量计，
不锈钢
Depth gauges for posts with head and ELO posts,
stainless steel



196



		1	1	1	1
尺寸 · Size	∅ 1/100 mm	050	070	090	110

手柄 · Handle

196.644. ...

050 070 090 110

扩大钻，不锈钢
Reamer, stainless steel



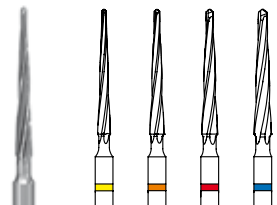
74 L 12



		1
L	mm	11-16

74L12.000. ...

通用深度计，不锈钢
Universal depth gauge, stainless steel



H 196



		1	1	1	1
尺寸 · Size	∅ 1/100 mm	050	070	090	110

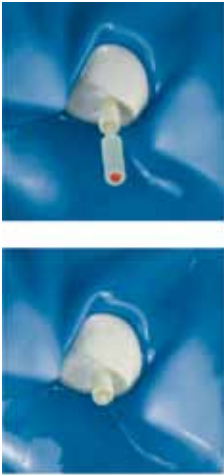
RA · Right-angle (RA)



H196.204. ...

050 070 090 110

∅_{max} 20000 min⁻¹/rpm
DentinPost拔除车针
DentinPost remover



带涂层的 DentinPost

DentinPost Coated

ER DentinPost Coated - Root posts made of glass fiber reinforced composite, preconditioned and provided with an adhesion enhancing polymer layer

Glass fibres not only ensure increased stability, they also guarantee radio-opacity, an elasticity module that resembles that of dentin and excellent aesthetic results.

Thanks to the uncoated handling element, an uninterrupted adhesive bond between the post and the composite from the coronal to the apical end is achieved, which provides optimum adhesion. The uncoated handling element can be snapped off after insertion of the root post.

The DentinPost Coated is recommended for the following indication: Reconstruction of teeth with partially destroyed clinical crown with composite (e.g. DentinBuild Evo).

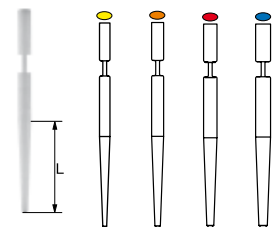
带涂层的 ER DentinPost - 根管桩是由加强型玻璃纤维制成，在预处理的情况下提高polymer的粘接力

玻璃纤维在提供稳定性的同时也能够确保放射不透性，像牙本质这样的弹性模块可以做出良好的结果。

多谢无涂层的手柄，连续的粘附带在先前和从冠到尖端的复合树脂已经完成。无涂层的手柄可以在根管桩插入后折断。

带涂层的DentinPost的建议说明：用复合树脂做的部分冠缺损的牙齿修复（例如，DentinBuild Evo）。

DPC 1 L 12



		10	10	10	10
尺寸 · Size	∅ 1/100 mm	050	070	090	110
L	mm	12	12	12	12

DPC1L12.000. ...

050 070 090 110

实用新型专利，专利 / Utility model, patents
GM 20 2008 006 129

涂有树脂涂层的DentinPost，由玻璃纤维强化的复合树脂材料制成，并粘有增强聚酯层

DentinPost Coated made of glass fiber reinforced composite with adhesion enhancing polymer layer



根管桩 | DentinPost根管桩
Root posts | ER DentinPost



4485.000



涂有树脂涂层的DentinPost套装, 尺寸050
DentinPost Coated Set, size 050

	183LB.204.050	1	
	196.204.050	1	
	196D.644.050	1	
	DPC1L12.000.050	10	



4486.000



涂有树脂涂层的DentinPost套装, 尺寸070
DentinPost Coated Set, size 070

	183LB.204.070	1	
	196.204.070	1	
	196D.644.070	1	
	DPC1L12.000.070	10	



4487.000



涂有树脂涂层的DentinPost套装, 尺寸090
DentinPost Coated Set, size 090

	183LB.204.090	1	
	196.204.090	1	
	196D.644.090	1	
	DPC1L12.000.090	10	



4488.000



涂有树脂涂层的DentinPost套装, 尺寸110
DentinPost Coated Set, size 110

	183LB.204.110	1	
	196.204.110	1	
	196D.644.110	1	
	DPC1L12.000.110	10	



Dentin 根管桩

DentinPost

ER DentinPost - root posts made of glass fiber-reinforced composite

DentinPosts are prefabricated tapered root posts made of glass fiber embedded in epoxy resin.

The root posts are largely composed of unidirectional special glass fibers ensuring high stability. Moreover, DentinPosts are radiopaque and feature a modulus of elasticity similar to that of dentin to guarantee an esthetically pleasing result.

DentinPosts are designed for the following indication:

Composite restoration of teeth with partly destroyed crown

[coronal destruction 10 - 70%]

DentinPost X permit a stable reconstruction even in case of severely destroyed teeth due to their pronounced retention head.

ER Dentin 根管桩 - 由加强型玻璃纤维制成的复合树脂根管桩

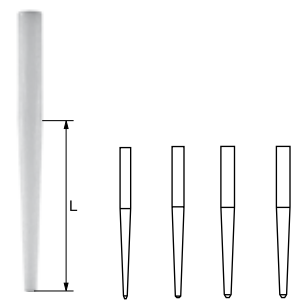
DentinPost是由玻璃纤维植入环氧树脂的工艺制成。

根管桩是由大量的特殊单向玻璃纤维组成，确保高稳定性。更重要的是，DentinPosts是防辐射的，类似牙本质的模块保证了美学的理想效果。

DentinPosts设计用于以下情况：部分冠损坏牙的复合树脂修复（冠缺损10-70%）

DentinPost X 能够稳定重建牙头保留明显但牙齿几乎损坏的病例。

- 354 TL 12
- 366 TL 12
- 355 TL 12
- 356 TL 12



		10	10	10	10
尺寸 · Size	Ø ¹ / ₁₀₀ mm	050	070	090	110
L	mm	12	12	12	12
●	354TL12.000. ...	050	-	-	-
●	366TL12.000. ...	-	070	-	-
●	355TL12.000. ...	-	-	090	-
●	356TL12.000. ...	-	-	-	110

纤维增强复合树脂材料制成的DentinPost根管桩
DentinPost made of fiber reinforced composite



根管桩 | DentinPost根管桩
Root posts | ER DentinPost



4412.000



DentinPost推广套装, 尺寸050
DentinPost Introductory Set, size 050

●	183LB.204.050	1	
●	196.204.050	1	
●	196D.644.050	1	
●	354TL12.000.050	10	



4413.000



DentinPost推广套装, 尺寸070
DentinPost Introductory Set, size 070

●	183LB.204.070	1	
●	196.204.070	1	
●	196D.644.070	1	
●	366TL12.000.070	10	



4414.000



DentinPost推广套装, 尺寸090
DentinPost Introductory Set, size 090

●	183LB.204.090	1	
●	196.204.090	1	
●	196D.644.090	1	
●	355TL12.000.090	10	



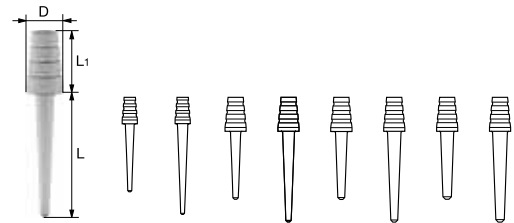
4415.000



DentinPost推广套装, 尺寸110
DentinPost Introductory Set, size 110

●	183LB.204.110	1	
●	196.204.110	1	
●	196D.644.110	1	
●	356TL12.000.110	10	

- 443 L 9
- 443 L 12
- 444 L 9
- 444 L 12
- 445 L 9
- 445 L 12
- 446 L 9
- 446 L 12



		10	10	10	10	10	10	10	10
尺寸 · Size	Ø $\frac{1}{100}$ mm	050	050	070	070	090	090	110	110
L	mm	9	12	9	12	9	12	9	12
D	Ø $\frac{1}{10}$ mm	20	20	28	28	28	28	28	28
L ₁	mm	3,5	3,5	4,5	4,5	4,5	4,5	4,5	4,5

●	443L9.000. ...	050	-	-	-	-	-	-	-
●	443L12.000. ...	-	050	-	-	-	-	-	-
●	444L9.000. ...	-	-	070	-	-	-	-	-
●	444L12.000. ...	-	-	-	070	-	-	-	-
●	445L9.000. ...	-	-	-	-	090	-	-	-
●	445L12.000. ...	-	-	-	-	-	090	-	-
●	446L9.000. ...	-	-	-	-	-	-	110	-
●	446L12.000. ...	-	-	-	-	-	-	-	110

用于可塑性材料直接铸造的带上部结构DentinPost X
根管桩纤维加强的复合树脂材料
*DentinPost X posts with head for direct build-ups using
moldable materials
Fibre-reinforced composite*



4442 A.000



DentinPost X推广套装, 尺寸050
DentinPost X Introductory Set, size 050

●	196.204.050	1		
	120D.204.030	1		
●	196D.644.050	1		
	45L9.000.	1		
●	443L9.000.050	10		



4443 A.000



DentinPost X推广套装, 尺寸070
DentinPost X Introductory Set, size 070

●	196.204.070	1		
	120D.204.030	1		
●	196D.644.070	1		
	45L9.000.	1		
●	444L9.000.070	10		



4444 A.000



DentinPost X推广套装, 尺寸090
DentinPost X Introductory Set, size 090

●	196.204.090	1	
	120D.204.030	1	
●	196D.644.090	1	
	45L9.000.	1	
●	445L9.000.090	10	

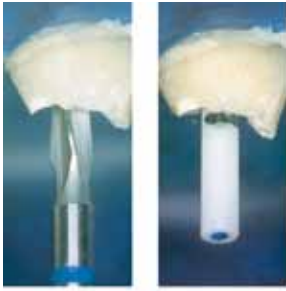


4445 A.000



DentinPost X推广套装, 尺寸110
DentinPost X Introductory Set, size 110

●	196.204.110	1	
	120D.204.030	1	
●	196D.644.110	1	
	45L9.000.	1	
●	446L9.000.110	10	



CeraPost

ER CeraPost - root posts made of zirconium oxide ceramics

CeraPost are prefabricated tapered posts made of stabilized zirconium oxide ceramics.

This type of ceramic material has proven successful for many years in medical and dental clinical applications.

CeraPosts are recommended for the following indications:

- ❶ Preprosthetic stabilization [coronal destruction 0 - 10%]
- ❷ Restoration of teeth with partially destroyed crown with plastic material [coronal destruction 10 - 70%]
- ❸ Restoration of coronally destroyed teeth with a 2-piece ceramic buildup [coronal destruction 70 - 100%]



CeraPost

ER CeraPost - 根管桩由陶瓷二氧化锆制成

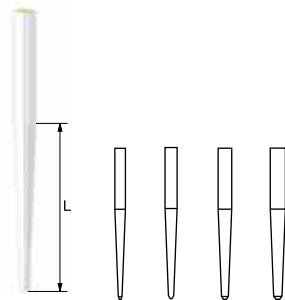
CeraPost 是预制锥度的根管桩，由稳定的氧化锆陶瓷制成。

随着中国陶瓷材料的使用，已经在多年的医疗和齿科应用领域中得到成功的证明。

CeraPosts 适用于以下情况：

- ❶ 前假体的稳定性 [冠损坏程度 0 - 10%]
- ❷ 塑料材料的部分冠损坏的牙齿修复 [冠损坏程度 10 - 70%]
- ❸ 2片式陶瓷组合的牙冠损坏修复 [冠损坏程度 70 - 100%]

- 231 L 12
- 439 L 12
- 232 L 12
- 233 L 12



		10	10	10	10
尺寸 · Size	∅ 1/100 mm	050	070	090	110
L	mm	12	12	12	12

●	231L12.000. ...	050	-	-	-
●	439L12.000. ...	-	070	-	-
●	232L12.000. ...	-	-	090	-
●	233L12.000. ...	-	-	-	110








二氧化锆陶瓷制成的CeraPost根管桩
CeraPost made of zirconium oxide ceramic



4366.000



CeraPost推广套装, 尺寸050
CeraPost Introductory Set, size 050








				
●	183LB.204.050	1		
	120D.204.030	1		
●	196.204.050	1		
	74L12.000.	1		
●	196D.644.050	1		
●	231L12.000.050	10		



4441.000



CeraPost推广套装, 尺寸070
CeraPost Introductory Set, size 070

				
●	183LB.204.070	1		
	120D.204.030	1		
●	196.204.070	1		
	74L12.000.	1		
●	196D.644.070	1		
●	439L12.000.070	10		



4367.000



CeraPost推广套装, 尺寸090
CeraPost Introductory Set, size 090

●	183LB.204.090	1		
	120D.204.030	1		
●	196.204.090	1		
	74L12.000.	1		
●	196D.644.090	1		
●	232L12.000.090	10		



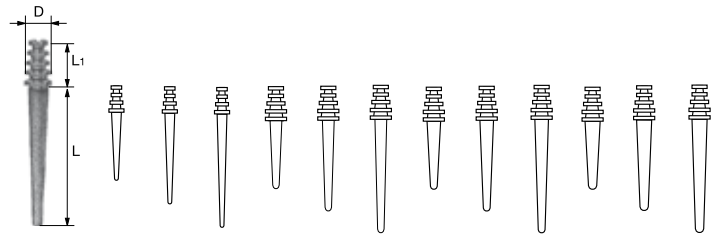
4368.000



CeraPost推广套装, 尺寸110
CeraPost Introductory Set, size 110

●	183LB.204.110	1		
	120D.204.030	1		
●	196.204.110	1		
	74L12.000.	1		
●	196D.644.110	1		
●	233L12.000.110	10		

- 48 L 9
- 48 L 12
- 48 L 15
- 228 L 9
- 228 L 12
- 228 L 15
- 49 L 9
- 49 L 12
- 49 L 15
- 50 L 9
- 50 L 12
- 50 L 15



		10	10	10	10	10	10	10	10	10	10	10	
尺寸 · Size	∅ $\frac{1}{100}$ mm	050	050	050	070	070	070	090	090	090	110	110	110
D	∅ $\frac{1}{10}$ mm	20	20	26	28	28	28	28	28	28	28	28	28
L	mm	9	12	15	9	12	15	9	12	15	9	12	15
L ₁	mm	3,5	3,5	3,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5

●	48L9.000. ...	050	-	-	-	-	-	-	-	-	-	-	-
●	48L12.000. ...	-	050	-	-	-	-	-	-	-	-	-	-
●	48L15.000. ...	-	-	050	-	-	-	-	-	-	-	-	-
●	228L9.000. ...	-	-	-	070	-	-	-	-	-	-	-	-
●	228L12.000. ...	-	-	-	-	070	-	-	-	-	-	-	-
●	228L15.000. ...	-	-	-	-	-	070	-	-	-	-	-	-
●	49L9.000. ...	-	-	-	-	-	-	090	-	-	-	-	-
●	49L12.000. ...	-	-	-	-	-	-	-	090	-	-	-	-
●	49L15.000. ...	-	-	-	-	-	-	-	-	090	-	-	-
●	50L9.000. ...	-	-	-	-	-	-	-	-	-	110	-	-
●	50L12.000. ...	-	-	-	-	-	-	-	-	-	-	110	-
●	50L15.000. ...	-	-	-	-	-	-	-	-	-	-	-	110

使用塑型材料直接铸造冠核用的带上部结构的根管桩，纯金属钛

Posts with head for direct build-ups using moldable materials, pure titanium



4644.000



带冠部结构的ER纤维桩套装，尺寸070
Set of posts with head, size 070

●	183LB.204.070	1	
	120D.204.030	1	
●	196.204.070	1	
●	196D.644.070	1	
●	228L9.000.070	5	
●	228L12.000.070	5	
	45L9.000.	1	
	45L12.000.	1	



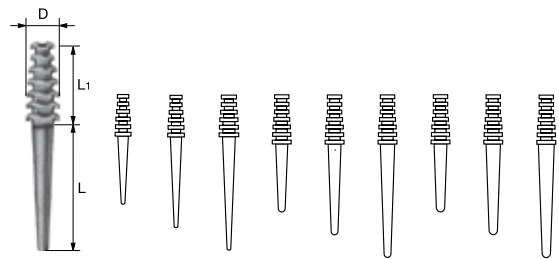
4645.000



带冠部结构的ER纤维桩套装，尺寸090
Set of posts with head, size 090

●	183LB.204.090	1	
	120D.204.030	1	
●	196.204.090	1	
●	196D.644.090	1	
●	49L9.000.090	5	
●	49L12.000.090	5	
	45L9.000.	1	
	45L12.000.	1	

- 48 L 9 A
- 48 L 12 A
- 48 L 15 A
- 49 L 9 A
- 49 L 12 A
- 49 L 15 A
- 50 L 9 A
- 50 L 12 A
- 50 L 15 A



尺寸 · Size	$\frac{\text{mm}}{100}$	10	10	10	10	10	10	10	10	10
D	$\frac{\text{mm}}{10}$	20	20	26	28	28	28	28	28	28
L	mm	9	12	15	9	12	15	9	12	15
L ₁	mm	5,7	5,7	5,7	6,6	6,6	6,6	6,6	6,6	6,6

● 48L9A.000. ...	050	-	-	-	-	-	-	-	-	-
● 48L12A.000. ...	-	050	-	-	-	-	-	-	-	-
● 48L15A.000. ...	-	-	050	-	-	-	-	-	-	-
● 49L9A.000. ...	-	-	-	090	-	-	-	-	-	-
● 49L12A.000. ...	-	-	-	-	090	-	-	-	-	-
● 49L15A.000. ...	-	-	-	-	-	090	-	-	-	-
● 50L9A.000. ...	-	-	-	-	-	-	-	110	-	-
● 50L12A.000. ...	-	-	-	-	-	-	-	-	110	-
● 50L15A.000. ...	-	-	-	-	-	-	-	-	-	110

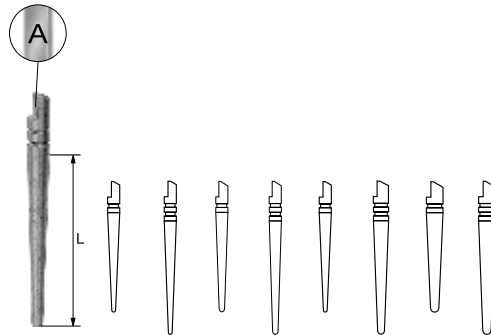
使用塑型材料直接铸造超长牙齿用冠核的ELO根管桩，纯金属钛

ELO posts for direct build-ups of extremely long teeth with moldable materials, pure titanium



288

- 206 L 12
- 206 L 15
- 438 L 12
- 438 L 15
- 207 L 12
- 207 L 15
- 208 L 12
- 208 L 15

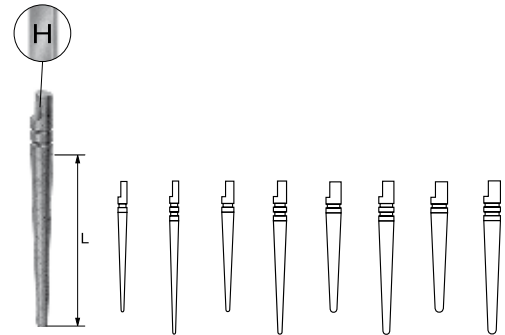


尺寸 · Size	$\varnothing \frac{1}{100}$ mm	5	5	5	5	5	5	5	5
L	mm	12	15	12	15	12	15	12	15

●	206L12.000. ...	050	-	-	-	-	-	-	-
●	206L15.000. ...	-	050	-	-	-	-	-	-
●	438L12.000. ...	-	-	070	-	-	-	-	-
●	438L15.000. ...	-	-	-	070	-	-	-	-
●	207L12.000. ...	-	-	-	-	090	-	-	-
●	207L15.000. ...	-	-	-	-	-	090	-	-
●	208L12.000. ...	-	-	-	-	-	-	110	-
●	208L15.000. ...	-	-	-	-	-	-	-	110

用于铸造冠核的铂铱根管桩，不含钯的合金（铂铱），适用于铸造上部修复体
Platinum-Iridium posts for cast-on build-ups, palladium free alloy (Platinum-Iridium) suitable for casting on

- 203 L 12
- 203 L 15
- 437 L 12
- 437 L 15
- 204 L 12
- 204 L 15
- 205 L 12
- 205 L 15



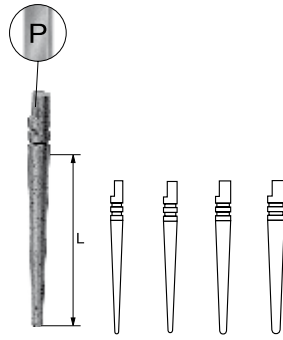
尺寸 · Size	$\varnothing \frac{1}{100}$ mm	5	5	5	5	5	5	5	5
L	mm	12	15	12	15	12	15	12	15

● 203L12.000. ...	050	-	-	-	-	-	-	-	-
● 203L15.000. ...	-	050	-	-	-	-	-	-	-
● 437L12.000. ...	-	-	070	-	-	-	-	-	-
● 437L15.000. ...	-	-	-	070	-	-	-	-	-
● 204L12.000. ...	-	-	-	-	090	-	-	-	-
● 204L15.000. ...	-	-	-	-	-	090	-	-	-
● 205L12.000. ...	-	-	-	-	-	-	-	110	-
● 205L15.000. ...	-	-	-	-	-	-	-	-	110

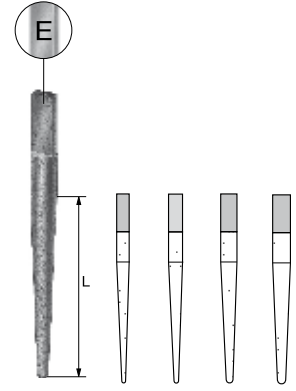
用于铸造冠核的Heraplat根管桩，合金 (Heraplat)
 ，适用于铸造上部修复体
 Heraplat posts for cast-on build-ups, alloy (Heraplat)
 suitable for casting on



根管桩 | ER 一片式铸造
Root posts | ER One-piece-cast/Cast-on



- 97 AL 15
- 436 AL 15
- 98 AL 15
- 99 AL 15



- 75 L 16
- 435 L 16
- 76 L 16
- 77 L 16



		5	5	5	5
尺寸 · Size	∅ 1/100 mm	050	070	090	110
L	mm	15	15	15	15

●	97AL15.000. ...	050	-	-	-
●	436AL15.000. ...	-	070	-	-
●	98AL15.000. ...	-	-	090	-
●	99AL15.000. ...	-	-	-	110

用于铸造冠核的Platunor根管桩，金铂合金
(Platunor)，适用于铸造上部修复体
*Platunor posts for cast-on build-ups, gold-platinum alloy
suitable for casting on*

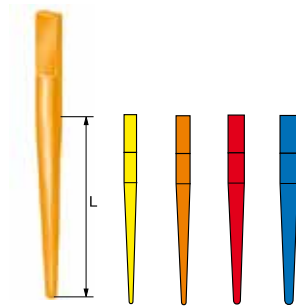


		5	5	5	5
尺寸 · Size	∅ 1/100 mm	050	070	090	110
L	mm	16	16	16	16

●	75L16.000. ...	050	-	-	-
●	435L16.000. ...	-	070	-	-
●	76L16.000. ...	-	-	090	-
●	77L16.000. ...	-	-	-	110

用于铸造的ELD根管桩，合金 (ELD) 在适当条件下
适于铸造
*ELD posts for cast-on build-ups, alloy (ELD) conditionally
suited for casting on*

290



- 57 L 16
- 339 L 16
- 58 L 16
- 59 L 16

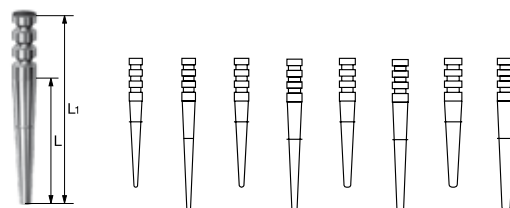


		10	10	10	10
尺寸 · Size	∅ 1/100 mm	050	070	090	110
L	mm	16	16	16	16

●	57L16.000. ...	050	-	-	-
●	339L16.000. ...	-	070	-	-
●	58L16.000. ...	-	-	090	-
●	59L16.000. ...	-	-	-	110

用于一次铸造法的CAST根管桩，自毁式聚丙烯材质
CAST posts for one-piece cast, burn-out acrylics

- P 75 L 11
- P 75 L 14
- P 422 L 11
- P 422 L 14
- P 76 L 11
- P 76 L 14
- P 77 L 11
- P 77 L 14

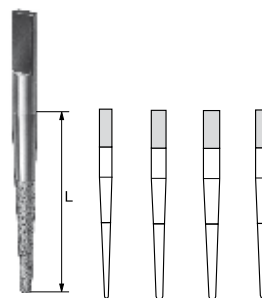


尺寸 · Size	Ø 1/100 mm	10	10	10	10	10	10	10	10
L	mm	11,4	14,4	11,4	14,4	11,4	14,4	11,4	14,4
L ₁	mm	17,0	20,0	17,0	20,0	17,0	20,0	17,0	20,0

● P75L11.000. ...	050	-	-	-	-	-	-	-	-
● P75L14.000. ...	-	050	-	-	-	-	-	-	-
● P422L11.000. ...	-	-	070	-	-	-	-	-	-
● P422L14.000. ...	-	-	-	070	-	-	-	-	-
● P76L11.000. ...	-	-	-	-	090	-	-	-	-
● P76L14.000. ...	-	-	-	-	-	090	-	-	-
● P77L11.000. ...	-	-	-	-	-	-	110	-	-
● P77L14.000. ...	-	-	-	-	-	-	-	110	-

用于临时修复体的TMP根管桩，纯金属钛
TMP posts for temporary application, pure titanium

- 60 L 16
- 440 L 16
- 61 L 16
- 62 L 16



尺寸 · Size	Ø 1/100 mm	5	5	5	5
L	mm	16	16	16	16

● 60L16.000. ...	050	-	-	-
● 440L16.000. ...	-	070	-	-
● 61L16.000. ...	-	-	090	-
● 62L16.000. ...	-	-	-	110

用于牙根填充、根管封闭和两次铸型法的稳定根管桩，纯金属钛
Stabilization posts for root fillings, root canal sealing and 2-piece build-ups, pure titanium



根管桩 | ER 器械托盘
Root posts | ER Instrument trays



581.000



ER系统, 器械托盘, PP带银离子, 抗菌 (不含器械)
ER system - Instrument tray, PP with silver ions, antibacterial (without instruments)

292



4616.000



ER系统, 器械托盘, PP带银离子, 抗菌 (不含器械)
Kit ER system - Instrument tray and sterilisation container (without instruments)



581.000. 1 ER系统-器械盘

556.000. 1 灭菌容器 AB



4233 A.000



器械托盘和储存盒 (无器械)
Instrument tray and storage box (without instruments)

		📄
169A.000.	1	ER器械模块 (无器械) 50x70x38mm ER instrument module (without instruments) 50 x 70 x 38 mm
170A.000.	1	ER根管桩模块 (无器械) 50x70x39mm ER post module (without instruments) 50 x 70 x 38 mm
214.000.	1	储存盒 106,5 x 76 x 62 mm Storage box 106,5 x 76 x 62 mm



4234 A.000



器械托盘和储藏盒 (内无器械)
Instrument tray and storage box (without instruments)

		📄
169A.000.	1	ER器械模块 (无器械) 50x70x38mm ER instrument module (without instruments) 50 x 70 x 38 mm
171A.000.	1	ER根管桩模块 (无器械) 50x70x39mm ER post module (without instruments) 50 x 70 x 38 mm
180.000.	1	储存盒 106,5 x 76 x 62 mm Storage box 106,5 x 76 x 62 mm



4480.000



器械托盘和储存盒 (无器械)
Instrument tray and storage box (without instruments)

		📄
169A.000.	1	ER器械模块 (无器械) 50x70x38mm ER instrument module (without instruments) 50 x 70 x 38 mm
492.000.	1	ER根管桩模块 (无器械) 50x70x38mm ER post module (without instruments) 50 x 70 x 38 mm
180.000.	1	储存盒 106,5 x 76 x 62 mm Storage box 106,5 x 76 x 62 mm



OptiPost

OptiPost

OptiPost - the easy and safe root post system

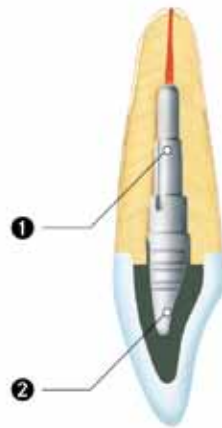
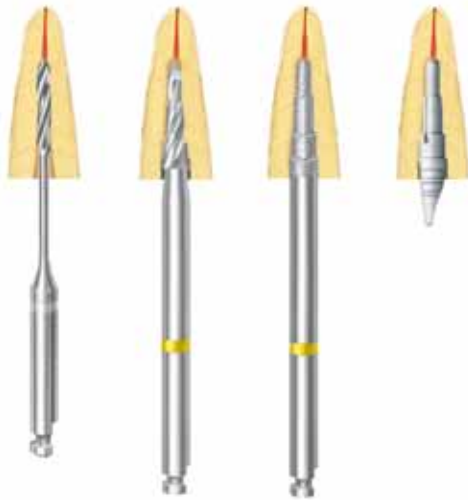
for the restoration of coronally destroyed anteriors, canines and premolars. OptiPost combines the advantages of individually produced posts with the fast and easy application of prefabricated posts.

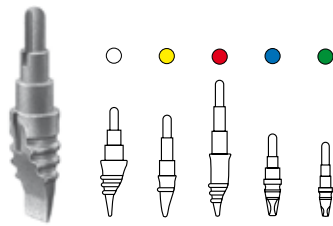
- ❶ stepped radicular segment for maximum wall adaptation
- ❷ coronal segment perfectly adapted to the type of tooth

OptiPost - 简单安全的根管桩系统

前牙，尖牙和前磨牙的冠损坏修复。OptiPost结合了单个成品桩和预制桩快速简单应用的优点。

- ❶ 阶梯式的根部用于适应墙体最大化
- ❷ 完美的适用于不同牙齿类型的冠部分





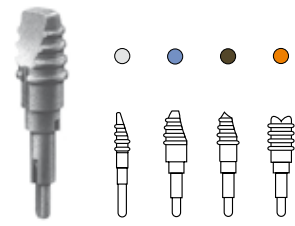
279



	5	5	5	5	5
尺寸 · Size	1	2	3	4	5
279.000. ...	1	2	3	4	5

实用新型专利, 专利/Utility model, patents
DE 197 13 289

OptiPost 根管桩, 上颌 (UJ), 纯钛金属大小与牙齿相同, 即 1=UJ1, 2=UJ2, 3=UJ3, 4=UJ4, 5=UJ5
OptiPost root posts, upper jaw (UJ), pure titanium
Size equals tooth, i.e. 1=UJ1, 2=UJ2, 3=UJ3, 4=UJ4, 5=UJ5



280



	5	5	5	5
尺寸 · Size	1	3	4	5
280.000. ...	1	3	4	5

实用新型专利, 专利/Utility model, patents
DE 197 13 289

OptiPost 根管桩, 下颌 (LJ), 纯钛金属大小与牙齿相同, 即 1=LJ1/2, 3=LJ3, 4=LJ4, 5=LJ5
OptiPost root posts, lower jaw (LJ), pure titanium
Size equals tooth, i.e. 1=LJ1/2, 3=LJ3, 4=LJ4, 5=LJ5



9822.000



尺寸 · Dimensions	mm	74 x 54
-----------------	----	---------

X射线下尺寸对比表
X-ray gauge



183 LA



		6
尺寸 · Size	Ø 1/100 mm	090

RA · Right-angle (RA)

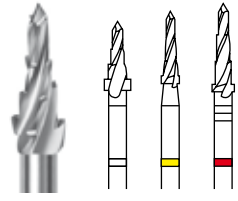


183LA.204. ...

090

○_{max} 20000 min⁻¹/rpm
OptiPost 扩大钻, 不锈钢
OptiPost reamer, stainless steel

29 A



		1	1	1
尺寸 · Size		1	2	3

RA · Right-angle (RA)

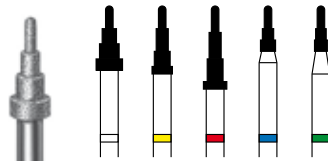


29A.204. ...

○1 ▲2 ▲3

○ = ○_{max} 15000 min⁻¹/rpm
▲ = ○_{max} 20000 min⁻¹/rpm
OptiPost 导向钻, 上颌 (UJ), 带齿, 不锈钢大小与
牙齿相同, 即1=UJ1, 2=UJ2, 3=UJ3
OptiPost pilot drill, upper jaw (UJ), with tothing, stainless
steel
Size equals tooth, i.e. 1=UJ1, 2=UJ2, 3=UJ3

27 D



		1	1	1	1	1
尺寸 · Size		1	2	3	4	5

RA · Right-angle (RA)

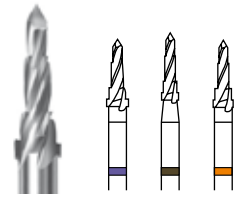


27D.204. ...

1 2 3 4 5

○_{max} 20000 min⁻¹/rpm
OptiPost 种植钻, 上颌 (UJ), 金刚砂涂层大小与
牙齿相同, 即1=UJ1, 2=UJ2, 3=UJ3, 4=UJ4, 5=UJ5
OptiPost placement drill, upper jaw (UJ), diamond coated
Size equals tooth, i.e. 1=UJ1, 2=UJ2, 3=UJ3, 4=UJ4, 5=UJ5

30 A



		1	1	1
尺寸 · Size		3	4	5

RA · Right-angle (RA)

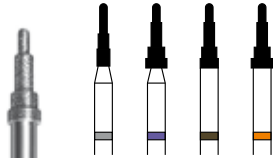


30A.204. ...

3 4 5

○_{max} 20000 min⁻¹/rpm
OptiPost 导向钻, 下颌 (LJ), 带齿, 不锈钢大小与
牙齿相同, 即3=LJ3, 4=LJ4, 5=LJ5
OptiPost pilot drill, lower jaw (LJ), with tothing, stainless
steel
Size equals tooth, i.e. 3=LJ3, 4=LJ4, 5=LJ5

28 D



		1	1	1	1
尺寸 · Size		1	3	4	5
RA · Right-angle (RA)					
28D.204. ...		1	3	4	5

⊙_{max} 20000 min⁻¹/rpm

OptiPost种植钻, 上颌 (LJ), 金刚砂涂层大小与牙齿相同, 即1=LJ1/2, 3=LJ3, 4=LJ4, 5=LJ5

OptiPost placement drill, lower jaw (LJ), diamond coated
Size equals tooth, i.e. 1=LJ1/2, 3=LJ3, 4=LJ4, 5=LJ5

4309 A.000



OptiPost 套装
OptiPost Set

	183LA.204.090	3	
○	27D.204.1	1	
●	27D.204.2	1	
●	27D.204.3	1	
●	27D.204.4	1	
●	27D.204.5	1	
○	28D.204.1	1	
●	28D.204.3	1	
●	28D.204.4	1	
●	28D.204.5	1	
○	29A.204.1	1	
●	29A.204.2	1	
●	29A.204.3	1	
●	30A.204.3	1	
●	30A.204.4	1	
●	30A.204.5	1	
○	279.000.1	2	
●	279.000.2	2	
●	279.000.3	2	
●	279.000.4	2	
●	279.000.5	2	
○	280.000.1	2	
●	280.000.3	2	
●	280.000.4	2	
●	280.000.5	2	

包括器械托盘 (284.000), 储藏盒 (285.000) 和X线剂量计 (9822.000)

Incl. instrument tray (284.000), storage box (285.000) and x-ray gauge (9822.000)



4311 A.000



OptiPost 套装
OptiPost Set

298

	183LA.204.090	6		
○	27D.204.1	1		
●	27D.204.2	1		
●	27D.204.3	1		
●	27D.204.4	1		
●	27D.204.5	1		
○	28D.204.1	1		
●	28D.204.3	1		
●	28D.204.4	1		
●	28D.204.5	1		
○	29A.204.1	1		
●	29A.204.2	1		
●	29A.204.3	1		
●	30A.204.3	1		
●	30A.204.4	1		
●	30A.204.5	1		
○	279.000.1	5		
●	279.000.2	5		
●	279.000.3	5		
●	279.000.4	5		
●	279.000.5	5		
○	280.000.1	5		
●	280.000.3	5		
●	280.000.4	5		
●	280.000.5	5		

包括器械托盘 (284.000), 储藏盒 (285.000) 和X线剂量计 (9822.001)
Incl. instrument tray (284.000), storage box (285.000) and x-ray gauge (9822.000)



VARIO



VARIO

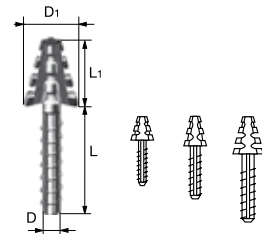
VARIO - cylindrical root posts for a wide range of applications

- Available threaded
- Two special head designs for different coronal situations:
Vario X ('christmas' tree) or Vario (cylindrical, for multirooted teeth)
- Four shank lengths available
- Made of pure titanium

VARIO - 圆柱形根管桩在广泛领域的应用

- 螺纹式
- 两种头部设计适用于不同冠体：
Vario X(“圣诞”树)或Vario(圆柱形用于多根牙)
- 4种手柄长度
- 纯钛材质

- T 63 L 6
- T 63 L 7
- T 63 L 9



		10	10	10
尺寸 · Size		1	2	3
D	∅ 1/10 mm	13,0	15,0	17,5
L	mm	6	7	9
D ₁	∅ 1/10 mm	25	30	40
L ₁	mm	2,75	3,85	4,90

●	T63L6.000. ...	1	-	-
●	T63L7.000. ...	-	2	-
●	T63L9.000. ...	-	-	3

Vario X
用可塑性材料铸造冠核时使用的螺纹根管桩，纯钛金属
Vario X
Threaded posts for build-ups using moldable materials, pure titanium



根管桩 | Vario
Root posts | Vario



4118.000



Vario X 套装, 尺寸1, 带螺纹
Vario X Set, size 1, threaded

●	116D.204.1	1		
●	179.204.1	1		
●	66L6.000.1	1		
●	T63L6.000.1	10		



4119.000



Vario X 套装, 尺寸2, 带螺纹
Vario X Set, size 2, threaded

●	116D.204.2	1		
●	179.204.2	1		
●	66L7.000.2	1		
●	T63L7.000.2	10		



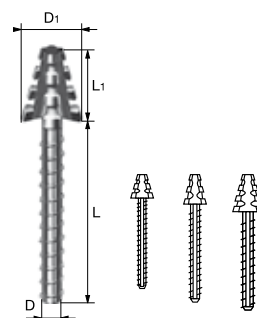
4120.000



Vario X 套装, 尺寸3, 带螺纹
Vario X Set, size 3, threaded

●	116D.204.3	1		
●	179.204.3	1		
●	66L9.000.3	1		
●	T63L9.000.3	10		

- T 51 L 13
- T 52 L 13
- T 53 L 13



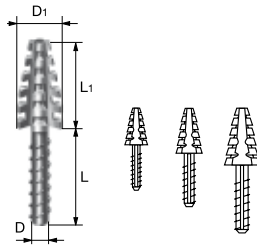
		10	10	10
尺寸 · Size		1	2	3
D	∅ 1/10 mm	13,0	15,0	17,5
L	mm	13	13	13
D ₁	∅ 1/10 mm	25	30	40
L ₁	mm	2,75	3,85	4,90

●	T51L13.000. ...	1	-	-
●	T52L13.000. ...	-	2	-
●	T53L13.000. ...	-	-	3

Vario XL
采用塑型材料铸造冠核的螺纹长根管桩，纯金属钛
Vario XL
Threaded posts, long, for build-ups using moldable materials, pure titanium



- T 63 L 6 A
- T 63 L 7 A
- T 63 L 9 A

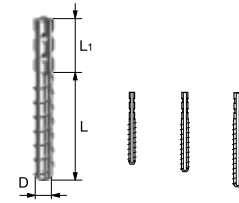


		10	10	10
尺寸 · Size		1	2	3
D	∅ 1/10 mm	13,0	15,0	17,5
L	mm	6	7	9
D ₁	∅ 1/10 mm	25	30	40
L ₁	mm	4,9	6,0	7,6

●	T63L6A.000. ...	1	-	-
●	T63L7A.000. ...	-	2	-
●	T63L9A.000. ...	-	-	3

Vario X ELO
采用塑型材料铸造超长牙齿冠核的根管桩，纯金属钛
Vario X ELO
Posts for building up extremely long teeth with moldable materials, pure titanium

- T 91 L 6
- T 92 L 7
- T 93 L 9

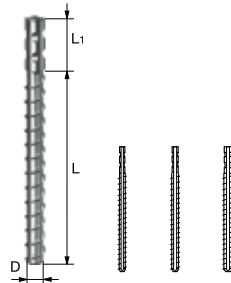


		10	10	10
尺寸 · Size		1	2	3
D	∅ 1/10 mm	13,0	15,0	17,5
L	mm	6	7	9
L ₁	mm	3,5	3,5	3,5

●	T91L6.000. ...	1	-	-
●	T92L7.000. ...	-	2	-
●	T93L9.000. ...	-	-	3

Vario
采用塑型材料铸造冠核的螺纹根管桩，纯金属钛
Vario
Threaded posts for build-ups using moldable materials, pure titanium

- T 91 L 13
- T 92 L 13
- T 93 L 13

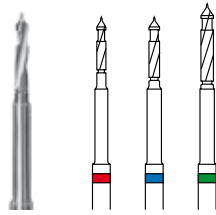


		10	10	10
尺寸 · Size		1	2	3
D	∅ 1/10 mm	13,0	15,0	17,5
L	mm	13	13	13
L ₁	mm	3,5	3,5	3,5

●	T91L13.000. ...	1	-	-
●	T92L13.000. ...	-	2	-
●	T93L13.000. ...	-	-	3

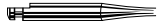
Vario L
用可塑性材料铸造冠核时使用的螺纹长根管桩，纯钛金属
Vario L
Threaded posts, long, for build-ups using moldable materials, pure titanium

179



	2	2	2
尺寸 · Size	1	2	3

RA · Right-angle (RA)



179.204. ...

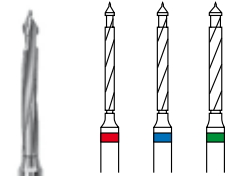
1	2	3
---	---	---

⊙_{max.} 20000 min⁻¹/rpm

组合钻, 不锈钢

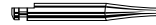
Combination drill, stainless steel

179 L



	2	2	2
尺寸 · Size	1	2	3

RA · Right-angle (RA)



179L.204. ...

1	2	3
---	---	---

RAL · Right-angle long (RAL)



179L.205. ...

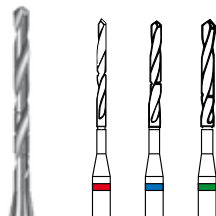
1	2	3
---	---	---

⊙_{max.} 20000 min⁻¹/rpm

组合钻, 长, 不锈钢

Combination drill, long, stainless steel

154



	2	2	2
尺寸 · Size	1	2	3

RA · Right-angle (RA)



154.204. ...

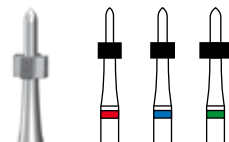
1	2	3
---	---	---

⊙_{max.} 20000 min⁻¹/rpm

麻花钻, 不锈钢

Twist drill, stainless steel

116 D



	1	1	1
尺寸 · Size	1	2	3

RA · Right-angle (RA)



116D.204. ...

1	2	3
---	---	---

⊙_{max.} 20000 min⁻¹/rpm

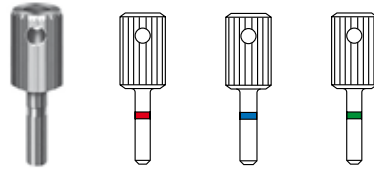
牙根面修整器, 金刚砂涂层

Root facer, diamond coated



根管桩 | Vario
Root posts | Vario

127

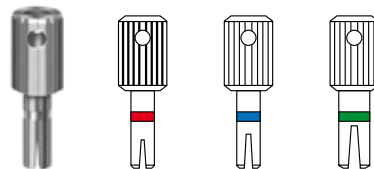


		1	1	1
尺寸 · Size		1	2	3
127.000. ...		1	2	3

Vario根管桩检查工具, 不锈钢
Placement tool for Vario posts, stainless steel

304

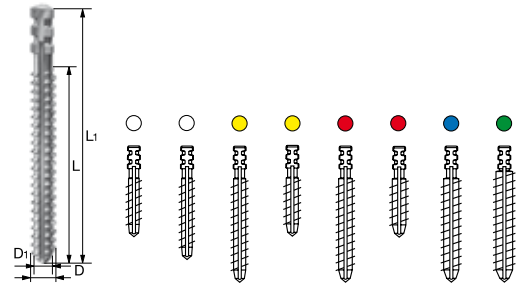
- 66 L 6
- 66 L 7
- 66 L 9



		1	1	1
尺寸 · Size		1	2	3
● 66L6.000. ...		1	-	-
● 66L7.000. ...		-	2	-
● 66L9.000. ...		-	-	3

Vario X根管桩检查工具, 不锈钢
Placement tool for Vario X posts, stainless steel

117 BKS
117 L 11
117 L 8



		10	10	10	10	10	10	10	
尺寸 · Size		1	1	2	2	3	3	4	5
D	∅ 1/10 mm	14,0	14,0	16,0	16,0	18,0	18,0	20,0	25,0
L	mm	8,0	11,0	14,0	8,0	14,0	8,0	14,0	15,0
D ₁	∅ 1/10 mm	10,5	10,5	12,0	12,0	13,0	13,0	14,0	19,0
L ₁	mm	12,0	15,0	18,0	12,0	18,0	12,0	18,0	18,0
117BKS.000. ...		1	-	2	-	3	-	4	5
117L11.000. ...		-	1	-	-	-	-	-	-
117L8.000. ...		-	-	-	2	-	3	-	-

用于可塑性材料铸造冠核的BKS螺纹根管桩，纯金属钛
BKS screw posts for build-ups using moldable materials, pure titanium



4184.204



BKS螺纹根管桩套装，尺寸1
BKS screw posts set, size 1

○	152BKS.204.1	2		
○	118BKS.000.1	1		
	119BKS.000.	1		
○	117BKS.000.1	10		



4189.204



BKS螺纹根管桩套装，尺寸2，长度12mm
BKS screw posts set, size 2, length 12 mm


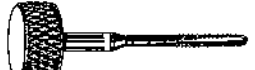


●	152BKS.204.2	2		
●	118BKS.000.2	1		
	119BKS.000.	1		
●	117L8.000.2	10		



4185.204





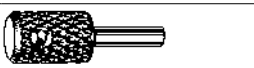

BKS螺纹根管桩套装, 尺寸2, 长度18mm
BKS screw posts set, size 2, length 18 mm

		📄	
●	152BKS.204.2	2	
●	118BKS.000.2	1	
	119BKS.000.	1	
●	117BKS.000.2	10	

4186.204



BKS螺纹根管桩套装, 尺寸3
BKS screw posts set, size 3

		📄	
●	152BKS.204.3	2	
●	118BKS.000.3	1	
	119BKS.000.	1	
●	117BKS.000.3	10	



4187.204



BKS螺纹根管桩套装, 尺寸4
BKS screw posts set, size 4

		量	图
●	152BKS.204.4	2	
●	118BKS.000.4	1	
	119BKS.000.	1	
●	117BKS.000.4	10	

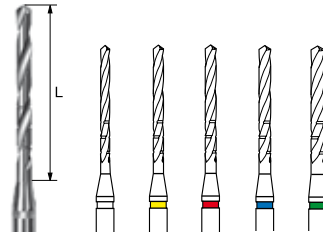


4188.204



BKS螺纹根管桩套装, 尺寸5
BKS screw posts set, size 5

		量	图
●	152BKS.204.5	2	
●	118BKS.000.5	1	
	119BKS.000.	1	
●	117BKS.000.5	10	



152 BKS



		1	1	1	1	1
尺寸 · Size		1	2	3	4	5
L	mm	17,0	17,0	17,0	17,0	17,0

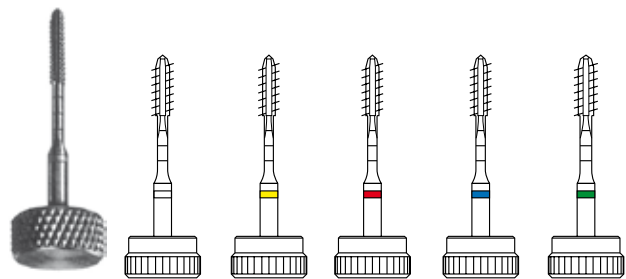
RA · Right-angle (RA)



152BKS.204. ...

1	2	3	4	5
---	---	---	---	---

○_{max} 20000 min⁻¹/rpm
根管扩大钻, 不锈钢
Root canal reamer, stainless steel



118 BKS



		1	1	1	1	1
尺寸 · Size		1	2	3	4	5

118BKS.000. ...

1	2	3	4	5
---	---	---	---	---

攻丝器械, 不锈钢
Thread cutter, stainless steel



119 BKS

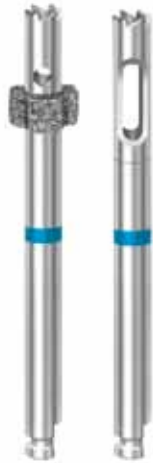


		1
--	--	---

119BKS.000. ...

•

套筒扳手, 不锈钢
Socket wrench, stainless steel



RepairPost

RepairPost

RepairPost, RepairPost Fibre

The solution for emergency patients with a fractured post buildup. RepairPost Fibre are especially designed for the aesthetic treatment of non-removable ceramic post fragments or difficult to remove root canal fillings. The tube-shaped RepairPost/RPF is placed over the post fragment which is still in the root. Free of metal, the RepairPost Fibre maintains the originally intended aesthetical, tooth-colored restoration.

Advantages:

- Easy handling
- Safe restoration

Only two steps are necessary to achieve a durable and functional restoration.

修复桩, 修复纤维桩

为一些紧急病人建立断裂桩的解决方案。修复纤维桩是专门为尚未移动的陶瓷桩碎片或很难将根管填充物移动的美学修复而设计。管状的修复桩/RPF被放置在还在牙根中损坏桩的位置。无金属材料，纤维修复桩适用于美学修复和牙齿颜色修复。

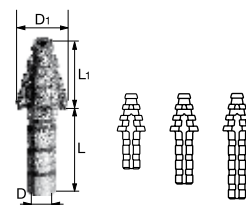
优点：

- 易控制
- 安全修复

实现耐用和多功能修复，只要2步。



- 332 L 5
- 332 L 7
- 332 L 9

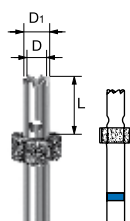


		5	5	5
尺寸 · Size		2	2	2
D	∅ 1/10 mm	17,5	17,5	17,5
L	mm	5,0	7,0	9,0
D ₁	∅ 1/10 mm	40	40	40
L ₁	mm	4,9	4,9	4,9

● 332L5.000. ...	2	-	-
● 332L7.000. ...	-	2	-
● 332L9.000. ...	-	-	2

RepairPost, 纯金属钛
RepairPost, pure titanium

- 114



		1
尺寸 · Size		2
D	∅ 1/10 mm	17
L	mm	5,0
D ₁	∅ 1/10 mm	23

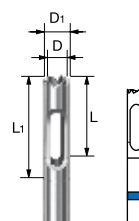
RA · Right-angle (RA)



- 114.204. ... 2

⊖_{max} 20000 min⁻¹/rpm
环钻, 不锈钢
Trepan bur, stainless steel

- 113



		1
尺寸 · Size		2
D	∅ 1/10 mm	17
L	mm	7,0
D ₁	∅ 1/10 mm	23
L ₁	mm	9,0

RA · Right-angle (RA)



- 113.204. ... 2

⊖_{max} 20000 min⁻¹/rpm
环钻, 纯金属钛
Trepan bur, stainless steel

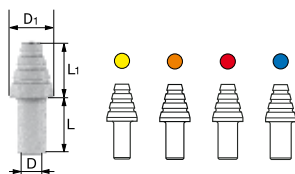


4317.000



RepairPost根管桩套装
RepairPost Set

●	114.204.2	1	
●	113.204.2	1	
●	332L5.000.2	2	
●	332L7.000.2	2	
●	332L9.000.2	2	



425 L 5

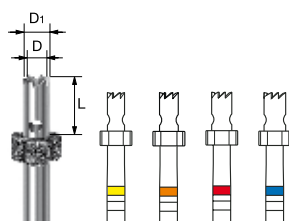


		5	5	5	5
尺寸 · Size		1	2	3	4
D	∅ 1/10 mm	15,8	17,8	19,8	21,8
L	mm	5,0	5,0	5,0	5,0
D ₁	∅ 1/10 mm	40	40	40	40
L ₁	mm	4,9	4,9	4,9	4,9

425L5.000. ...

1 2 3 4

RepairPost Fibre 纤维桩, 纤维强化复合树脂材质
RepairPost Fibre, fibre-reinforced composite



114 F



		1	1	1	1
尺寸 · Size		1	2	3	4
D	∅ 1/10 mm	15	17	19	21
L	mm	5,0	5,0	5,0	5,0
D ₁	∅ 1/10 mm	23	25	27	29

RA - Right-angle (RA)



114F.204. ...

1 2 3 4

○_{max} 20000 min⁻¹/rpm
环钻, 不锈钢
Trepan bur, stainless steel



4437.000

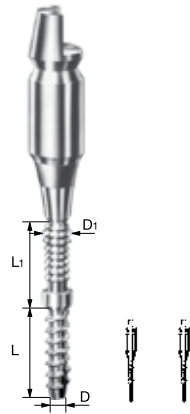


RepairPost 纤维推广套装
RepairPost Fibre Introductory Set

		1	
●	114F.204.1	1	
●	114F.204.2	1	
●	114F.204.3	1	
●	114F.204.4	1	
●	425L5.000.1	1	
●	425L5.000.2	1	
●	425L5.000.3	1	
●	425L5.000.4	1	



根管桩 | FO/PCR根管桩
Root posts | FO/PCR Pins



- 80 FO
- 84 FO



		20	20
尺寸 · Size		2	4
D	∅ 1/10 mm	5,20	7,00
L	mm	2,60	2,60
D ₁	∅ 1/10 mm	7,50	8,70
L ₁	mm	2,20	2,40

FO/PCR · FO/PCR

●	80FO.471. ...	2	-
●	84FO.471. ...	-	4

可塑材料制成用来固定修补的FO钉钛金属 (Ti6Al4V)
FO pins for anchoring restorations made of moldable materials
Titanium (Ti6Al4V)



4169.204



FO根管桩套装, 尺寸4
FO pin Set, size 4

		20	20
尺寸 · Size		2	4
D	∅ 1/10 mm	5,20	7,00
L	mm	2,60	2,60
D ₁	∅ 1/10 mm	5,50	7,50
L ₁	mm	2,75	2,90

FO/PCR · FO/PCR

●	80PCR.471. ...	2	-
●	84PCR.471. ...	-	4

用来固定复合树脂材料修补的PCR钉钛金属 (Ti6Al4V)
PCR pins for anchoring composite restorations
Titanium (Ti6Al4V)



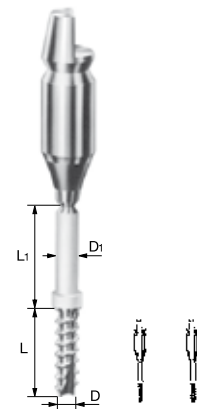
4168.204



FO根管桩套装, 尺寸2
FO pin Set, size 2

		20	20
尺寸 · Size		2	4
D	∅ 1/10 mm	5,20	7,00
L	mm	2,60	2,60
D ₁	∅ 1/10 mm	7,50	8,70
L ₁	mm	2,20	2,40

●	198.204.2	2	
●	9803.204.	1	
●	80FO.471.2	20	



- 80 PCR
- 84 PCR



4164.204



PCR根管桩套装, 尺寸2
PCR pin Set, size 2

		📄	
●	198.204.2	2	
	9803.204.	1	
●	80PCR.471.2	20	

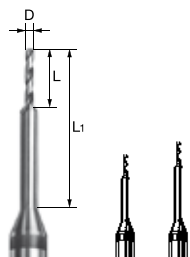
4165.204



PCR根管桩套装, 尺寸4
PCR pin Set, size 4

		📄	
●	199.204.4	2	
	9803.204.	1	
●	84PCR.471.4	20	

- 198
- 199



		📄	
尺寸 · Size		2	2
		2	4
D	∅ 1/10 mm	4,3	5,4
L	mm	2,8	2,9
L ₁	mm	8,5	10,0

RA · Right-angle (RA)



●	198.204. ...	2	-
●	199.204. ...	-	4

○_{max} 100000 min⁻¹/rpm

针孔车针, 不锈钢

Pin-hole bur, stainless steel

9803



		📄	
		1	
	RA · Right-angle (RA)		
	9803.204. ...		●

弯手机适配器

Contra-angle adaptor



钨钢

Tungsten Carbide



切骨, 圆形
Bone cutters, round 319-320



组合器械
Combination instrument 321



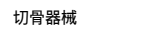
种植用切割刀片
Cutters for blade implants 321



高效切割的切骨器械
Bone cutters with high cutting efficiency 322



切骨器械
Bone cutters 322-326



末端切割车针
End-cutting bur 326

陶瓷

Ceramics



骨切割, 圆形
Bone cutters, round 327



骨切割
Bone cutters 327

金刚砂

Diamond



骨切割, 圆形
Bone cutters, round 328



骨切割
Bone cutters 329



碟片
Disc 329

带内冷却的切割器械

Cutters with internal cooling



种植车针
Pilot burs for implantology 330



骨切割
Bone cutters 330

种植车针

Pilot burs for implantology



陶瓷和不锈钢
Ceramics and stainless steel 331-332

钢

Steel



环钻车针
Trepan burs 333-335



去除碎骨
Bone chip extractor 335

TissueMaster Concept®
TissueMaster Concept®



336-338

配件

Auxiliaries



车针手柄的延伸
Extension for bur shanks 339



带反角手柄的器械手柄
Handle for instruments with contra-angle shank 339



Surgery **手术**

<i>Introduction</i>	318	简介
<i>Tungsten carbide</i>	319 - 326	碳化钨
<i>Ceramics</i>	327	陶瓷
<i>Diamond</i>	328 - 329	金刚砂
<i>Cutters with internal cooling</i>	330	具备内喷水冷却功能的器械
<i>Pilot burs</i>	331 - 332	定位钻
<i>Trepan burs</i>	333 - 335	环形钻
<i>TMC[®] Extrusion</i>	336 - 338	TMC [®] 拔牙
<i>Auxiliaries</i>	339	配件



Surgery

Komet offers a wide variety of bone cutters made of tungsten carbide, ceramics, diamond instruments and "Miniflex" discs for bone treatments. The instrument shapes were designed to suit the requirements of different indications. State-of-the-art blade geometries ensure excellent cutting efficiency and smooth operation. The high-quality instruments made by Komet are synonymous for optimal clinical results and minimally invasive, efficient preparations. Special trepan burs and pilot burs have been designed for implantological treatments. Even in small diameters of just 1 mm, they help determining the direction and depth of an implant site, thus ensuring an efficient preparation.

We are particularly proud of our most recently developed innovations: our bone cutters H254E and H162SL.

Range of instruments:

- Bone cutters
- Miniflex bone saw
- Instruments with internal cooling
- Trepan burs
- Bone chip extractors
- Universal pilot burs
- Bur blocks for surgical instruments

Systems for bone extraction and augmentation

Komet offers special systems for oral surgery and pre-implantology, such as the MaxilloPrep Spread-Condense screws, the Angle Modulation system or the Pipe Augmentation system for minimally invasive bone spreading.

We would be happy to send you our surgery brochure.



外科

Komet在骨切割领域提供丰富的产品，有钨钢，陶瓷，金刚砂器械和“Miniflex”碟片。这些器械的形状被设计成适用于不同情况的治疗需要。先进的几何刀片保证高效切割和舒适的治疗。Komet出品的高品质器械是微创治疗的最佳选择，高效预备。特殊的环钻车针是专门为种植设计的。即使在1毫米直径的情况下，它们可以确定种植深度的方向，保证有效预备。我们特别自豪的研发出了H254E和H162SL骨切割器械。

器械范围：

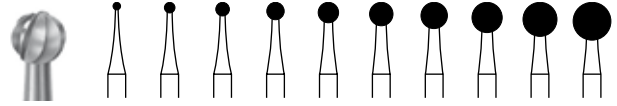
- 骨切割器械
- Miniflex骨锯片
- 带内冷的器械
- 环钻车针
- 取骨碎片的车针
- 通用的领航车针
- 外科器械的车针架

取骨和骨增量系统

Komet提供口内手术和预种植的特殊系统，例如骨挤压增量系统，骨改形或增大根管口的微创骨增量系统。我们很高兴提供外科目录给您。



H 141



	5	5	5	5	5	5	5	5	5	5	
尺寸 · Size	Ø 1/10 mm	010	014	018	023	027	031	035	040	045	050
美国编号		2S	4S	6S	8S	10S	11S	-	-	-	-

RAL · Right-angle long (RAL)



500 205 001291 ...

H141.205. ...

■010	■014	■018	■023	■027	■031	■035	■040	-	-
------	------	------	------	------	------	------	------	---	---

RAXL · Right-angle extra-long (RAXL)



500 206 001291 ...

H141.206. ...

■010	■014	■018	■023	■027	■031	■035	■040	-	-
------	------	------	------	------	------	------	------	---	---

HP柄 · Handpiece (HP)

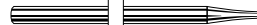


500 104 001291 ...

H141.104. ...

■010	■014	■018	■023	■027	■031	■035	◊040	◊045	◊050
------	------	------	------	------	------	------	------	------	------

HPL · Handpiece long (HPL)



500 105 001291 ...

H141.105. ...

■010	■014	■018	■023	■027	■031	■035	◊040	-	◊050
------	------	------	------	------	------	------	------	---	------

◊ = O_{max.} 60000 min⁻¹/rpm

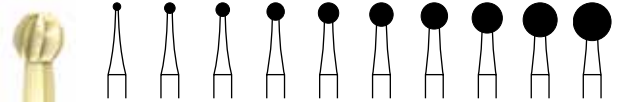
◊ = O_{max.} 80000 min⁻¹/rpm

■ = O_{max.} 100000 min⁻¹/rpm

磨骨球钻, 高切割效率设计

Bone cutter round, high-efficiency cutting design

H 141 Z



	5	5	5	5	5	5	5	5	5	5	
尺寸 · Size	Ø 1/10 mm	010	014	018	023	027	031	035	040	045	050

HP柄 · Handpiece (HP)



H141Z.104. ...

■010	■014	■018	■023	■027	■031	■035	◊040	◊045	◊050
------	------	------	------	------	------	------	------	------	------

◊ = O_{max.} 80000 min⁻¹/rpm

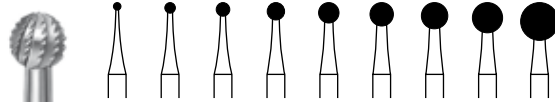
■ = O_{max.} 100000 min⁻¹/rpm

磨骨球钻, 高切割效率设计, 涂覆ZrN涂层

Bone cutter round, high-efficiency cutting design, ZrN coated



H 141 A



		5	5	5	5	5	5	5	5	
尺寸 · Size	Ø 1/10 mm	010	014	018	023	027	031	035	040	050
美国编号		-	-	-	8SA	10SA	11SA	-	-	-

RAL · Right-angle long (RAL)



500 205 001298 ...

H141A.205. ...

-	014	018	023	027	031	035	040	-
---	-----	-----	-----	-----	-----	-----	-----	---

RAXL · Right-angle extra-long (RAXL)



500 206 001298 ...

H141A.206. ...

010	014	018	023	027	031	035	040	-
-----	-----	-----	-----	-----	-----	-----	-----	---

HP柄 · Handpiece (HP)



500 104 001298 ...

H141A.104. ...

010	014	018	023	027	031	035	040	050
-----	-----	-----	-----	-----	-----	-----	-----	-----

◊ = ○_{max} 60000 min⁻¹/rpm

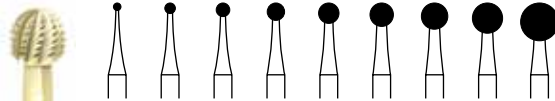
◆ = ○_{max} 80000 min⁻¹/rpm

■ = ○_{max} 100000 min⁻¹/rpm

磨骨球钻，特殊设计，使操作更平滑

Bone cutter round, with special cutting design for smooth operation

H 141 AZ



		5	5	5	5	5	5	5	5	
尺寸 · Size	Ø 1/10 mm	010	014	018	023	027	031	035	040	050

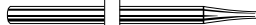
RAL · Right-angle long (RAL)



H141AZ.205. ...

-	014	018	023	027	031	035	040	-
---	-----	-----	-----	-----	-----	-----	-----	---

HP柄 · Handpiece (HP)



H141AZ.104. ...

010	014	018	023	027	031	035	040	050
-----	-----	-----	-----	-----	-----	-----	-----	-----

◆ = ○_{max} 80000 min⁻¹/rpm

■ = ○_{max} 100000 min⁻¹/rpm

磨骨球钻，刃部特殊设计，降低操作振动，涂覆

ZrN涂层

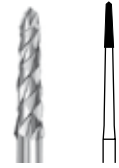
Bone cutter round, with special cutting design for smooth operation, ZrN coated



针对骨组织和硬牙本质
Bone cutter

For bone tissue and hard tooth substance
Bone cutter

- H 254 E
- H 254 LE



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	6,0

FG · Friction Grip (FG)



500 314 415298 ...

- [H254E.314. ...](#) ↻012

500 314 415298 ...

- [H254LE.314. ...](#) ↻012

RA · Right-angle (RA)



500 204 415298 ...

- [H254E.204. ...](#) ↻012

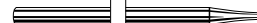
RAL · Right-angle long (RAL)



500 205 415298 ...

- [H254E.205. ...](#) ↻012

HP柄 · Handpiece (HP)



500 104 415298 ...

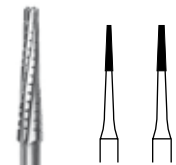
- [H254E.104. ...](#) ↻012

↻ = ∅_{max} 40000 min⁻¹/rpm

↻ = ∅_{max} 80000 min⁻¹/rpm

用于保守预备骨组织和坚硬牙齿结构的多功能器械
Combination instrument for conservative preparation of bone tissue and hard tooth substance

H 254



		5	5
尺寸 · Size	∅ 1/10 mm	010	012
L	mm	6,0	6,0
美国编号		700XXL	701XXL

FG · Friction Grip (FG)



500 314 415296 ...

- [H254.314. ...](#) 010 012

∅_{max} 80000 min⁻¹/rpm

用于叶状种植体的切骨钻
Bone cutter for leaf implants



- H 162 SL
- H 162 SXL



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	8,0

FG · Friction Grip (FG)



- H162SL.314. ... 014

- H162SXL.314. ... 014

RA · Right-angle (RA)



- H162SL.204. ... 014

HP柄 · Handpiece (HP)



- H162SL.104. ... 014

◇ = \bigcirc_{\max} 40000 min⁻¹/rpm

■ = \bigcirc_{\max} 100000 min⁻¹/rpm

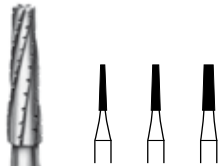
▣ = \bigcirc_{\max} 120000 min⁻¹/rpm

▤ = \bigcirc_{\max} 160000 min⁻¹/rpm

带有高切割效率设计的切骨钻

Bone cutter with high-efficiency cutting design

H 33 L



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	016
L	mm	6,0	6,0	6,0
美国编号		700XL	701L	702L

FGXL · Friction Grip extra-long (FGXL)



500 316 171007 ...

- H33L.316. ... 010 012 016

\bigcirc_{\max} 100000 min⁻¹/rpm

切骨器械，交错刃齿截锥形长牙裂钻

Bone cutter, cross cut tapered fissure long

H 33 R



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	4,4
美国编号		1702

FGXL · Friction Grip extra-long (FGXL)



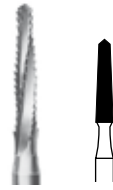
500 316 194007 ...

- H33R.316. ... 016

\bigcirc_{\max} 100000 min⁻¹/rpm

切骨器械，圆头带有交错刃齿的截锥形牙裂钻

Bone cutter, round end cross cut tapered fissure



H 167



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	11,0

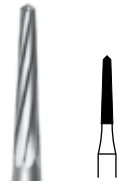
HP柄 · Handpiece (HP)



500 104 410297 ...

H167.104. ... 023

○_{max} 80000 min⁻¹/rpm
Lindemann切骨钻
Bone cutter, Lindemann



H 267



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	9,0

FG · Friction Grip (FG)



500 314 210295 ...

H267.314. ... 016

HP柄 · Handpiece (HP)



500 104 210295 ...

H267.104. ... 016

■ = ○_{max} 100000 min⁻¹/rpm
▣ = ○_{max} 160000 min⁻¹/rpm

切骨钻
Bone cutter



H 269



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	11,0

FG · Friction Grip (FG)



500 314 199295 ...

H269.314. ... 016

○_{max} 160000 min⁻¹/rpm
切骨钻
Bone cutter



H 269 Q



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	11,0

FG · Friction Grip (FG)



500 314 210295 ...

H269Q.314. ... 016

FGL · Friction Grip long (FGL)



500 104 210295 ...

H269Q.315. ... 016

○_{max} 160000 min⁻¹/rpm
切骨钻
Bone cutter



H 161



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	9,0

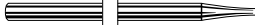
FG · Friction Grip (FG)



500 314 408295 ...

H161.314. ... ■016

HP柄 · Handpiece (HP)



500 104 408295 ...

H161.104. ... ■016

- = \bigcirc_{\max} 100000 min⁻¹/rpm
- ▣ = \bigcirc_{\max} 160000 min⁻¹/rpm

Lindemann切骨钻
Bone cutter, Lindemann

H 162



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	9,0

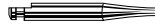
FG · Friction Grip (FG)



500 314 408297 ...

H162.314. ... ■016

RA · Right-angle (RA)



500 204 408297 ...

H162.204. ... ■016

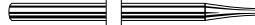
RAL · Right-angle long (RAL)



500 205 408297 ...

H162.205. ... ■016

HP柄 · Handpiece (HP)



500 104 408297 ...

H162.104. ... ■016

- = \bigcirc_{\max} 100000 min⁻¹/rpm
- ▣ = \bigcirc_{\max} 160000 min⁻¹/rpm

Lindemann切骨钻
Bone cutter, Lindemann

H 162 Z



		5
尺寸 · Size	∅ 1/10 mm	016
长度 · L	mm	9,0

短柄手机 · Friction Grip (FG)



500 314 408295 ...

H162Z.314. ... ■016

右角 · Right-angle (RA)



500 204 408297 ...

H162Z.204. ... ■016

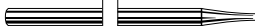
右角 · 长 · Right-angle long (RAL)



500 205 408297 ...

H162Z.205. ... ■016

手机 · Handpiece (HP)



500 104 408297 ...

H162Z.104. ... ■016

- = \bigcirc_{\max} 100000 min⁻¹/rpm
- ▣ = \bigcirc_{\max} 160000 min⁻¹/rpm

Lindemann切骨钻 二氧化锆涂层
Bone cutter, Lindemann, ZrN coated

H 162 A



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	9,0

FG · Friction Grip (FG)



500 314 408298 ...

H162A.314. ... ■016

RA · Right-angle (RA)



500 204 408298 ...

H162A.204. ... ■016

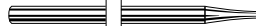
RAL · Right-angle long (RAL)



500 205 408298 ...

H162A.205. ... ■016

HP柄 · Handpiece (HP)



500 104 408298 ...

H162A.104. ... ■016

■ = ∅_{max} 100000 min⁻¹/rpm

■ = ∅_{max} 160000 min⁻¹/rpm

Lindemann切骨钻, 带有A型切割设计

Bone cutter, Lindemann, with special staggered tothing

H 162 AZ



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	9,0

FG · Friction Grip (FG)



H162AZ.314. ... ■016

RA · Right-angle (RA)



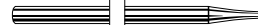
H162AZ.204. ... ■016

RAL · Right-angle long (RAL)



H162AZ.205. ... ■016

HP柄 · Handpiece (HP)



H162AZ.104. ... ■016

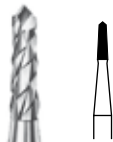
■ = ∅_{max} 100000 min⁻¹/rpm

■ = ∅_{max} 160000 min⁻¹/rpm

切骨钻, Lindemann钻, 具备A型刀刃设计, 涂覆ZrN涂层

Bone cutter, Lindemann, with special staggered tothing, ZrN coated

H 163 A



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	5,0

RA · Right-angle (RA)



H163A.204. ... 014

HP柄 · Handpiece (HP)



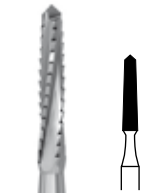
H163A.104. ... 014

∅_{max} 100000 min⁻¹/rpm

短Lindemann切骨钻, 带有A型切割设计

Bone cutter, Lindemann short, with special staggered tothing

H 166



		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	10,0

RA · Right-angle (RA)



500 204 409297 ...

H166.204. ... 021

RAL · Right-angle long (RAL)



500 205 409297 ...

H166.205. ... 021

HP柄 · Handpiece (HP)



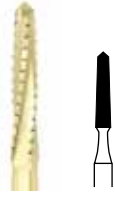
500 104 409297 ...

H166.104. ... 021

∅_{max} 100000 min⁻¹/rpm

Lindemann切骨钻

Bone cutter, Lindemann



H 166 Z



		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	10,0

RA · Right-angle (RA)



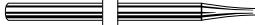
H166Z.204. ... 021

RAL · Right-angle long (RAL)



H166Z.205. ... 021

HP柄 · Handpiece (HP)



H166Z.104. ... 021

⊙_{max} 100000 min⁻¹/rpm
切骨钻, Lindemann钻, 涂覆ZrN涂层
Bone cutter, Lindemann, ZrN coated



H 166 A



		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	10,0

RA · Right-angle (RA)



500 204 409298 ...
H166A.204. ... 021

RAL · Right-angle long (RAL)



500 205 409298 ...
H166A.205. ... 021

HP柄 · Handpiece (HP)



500 104 409298 ...
H166A.104. ... 021

⊙_{max} 100000 min⁻¹/rpm
Lindemann切骨钻, 带有A型切割设计
Bone cutter, Lindemann, with special staggered toothing



H 166 AZ



		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	10,0

RA · Right-angle (RA)



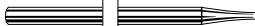
H166AZ.204. ... 021

RAL · Right-angle long (RAL)



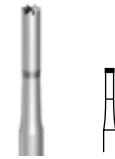
H166AZ.205. ... 021

HP柄 · Handpiece (HP)



H166AZ.104. ... 021

⊙_{max} 100000 min⁻¹/rpm
Lindemann钻, A形刃刃设计, 涂覆ZrN涂层
Bone cutter, Lindemann, with special staggered toothing,
ZrN coated



H 207 D



		5
尺寸 · Size	∅ 1/10 mm	012
美国编号		958D

FGXL · Friction Grip extra-long (FGXL)



500 316 150001 ...
H207D.316. ... 012

⊙_{max} 300000 min⁻¹/rpm
在牙冠延长手术中去除骨组织的端切车针, 用来重建天然生物学宽度, 或者在窝洞中建立平坦的底面, 4mm处有激光标记
End-cutting bur for reducing bone substance during surgical crown extension, for recreating the natural biological width or for creating a flat preparation floor in the cavity, laser marking at 4 mm



CeraBur

CeraBur

CeraBur - High efficiency bone cutters made of ceramics

Advantages:

- Corrosion-free
- Biocompatible
- Free of metal
- High efficiency cutting
- Smooth, conservative bone material reduction
- The cylindrical operative part of the K157 avoids jamming during preparation

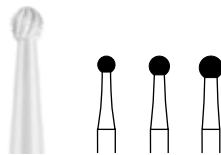


CeraBur - 陶瓷材质的高效骨切割器械

优点：

- 无腐蚀
- 生物相容性好
- 无金属
- 高效切割
- 平滑，谨慎的切割
- K157的圆柱形工作间能够避免预备时的抖动

K 160 A



尺寸 · Size	Ø 1/10 mm	023	027	031
-----------	-----------	-----	-----	-----

RAL · Right-angle long (RAL)



K160A.205. ... 023 027 031

HP柄 · Handpiece (HP)



K160A.104. ... 023 027 031

⊙_{max} 40000 min⁻¹/rpm

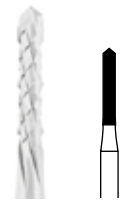
实用新型专利, 专利/Utility model, patents
EP 1 539 018*

* 申请中/* pending

陶瓷磨骨球钻

Bone cutter round, made of ceramics

K 157



尺寸 · Size	Ø 1/10 mm	016
L	mm	9,0

FG · Friction Grip (FG)



K157.314. ... ▣016

RA · Right-angle (RA)



K157.204. ... ◊016

RAL · Right-angle long (RAL)



K157.205. ... ◊016

HP柄 · Handpiece (HP)



K157.104. ... ◊016

◊ = ⊙_{max} 40000 min⁻¹/rpm

▣ = ⊙_{max} 160000 min⁻¹/rpm

陶瓷切骨钻

Bone cutter, made of ceramics



带金刚砂涂层的骨切割器械

Diamond-coated bone cutters

Contrary to cutting instruments, diamond coated cutters work in abrasive mode. The round shape can for example be used for mobilising a lateral bone window as part of a sinus lift.

相对于切割器械，带金刚砂涂层的切割器械工作于研磨模型。圆形设计能够解释，它被用于移动侧面骨窗口，作为颌窦提升的一部分的原因。

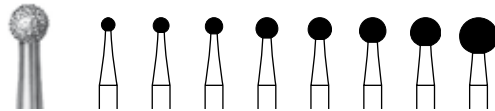
Diamond disc Miniflex

The extra fine Miniflex diamond disc is most frequently used for splitting a jaw section to widen the alveolar ridge prior to a restoration with an implant. It is equally suitable for removing bone blocks in the region of the jaw angle. Use with disc guard.

金刚砂碟片 Miniflex

超细的金刚砂碟片Miniflex，使用于种植修复前分开下颚部分，拓宽牙槽嵴。同样适用于清除下颚区域的骨阻塞。配合碟片说明一起使用。

242



		5	5	5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	018	021	023	029	031	035	040	050

HP柄 · Handpiece (HP)

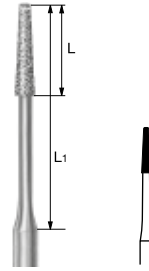


242.104. ...

■018 ■021 ■023 ■029 ■031 ■035 ◆040 ◆050

◆ = ∅_{max} 80000 min⁻¹/rpm
■ = ∅_{max} 100000 min⁻¹/rpm

金刚砂球钻
Diamond, round



D 254



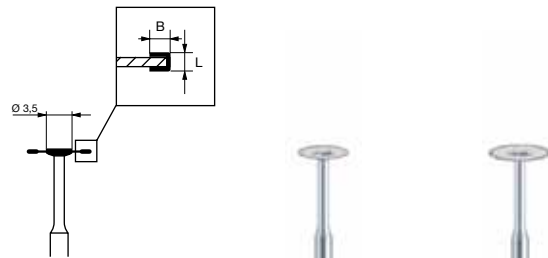
		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	6,0
L ₁	mm	15,0

FG - Friction Grip (FG)



D254.314. ... 012

○_{max} 100000 min⁻¹/rpm
用于根尖切除术和切除智齿的金刚砂切割片
Diamond cutter for apicectomy and separation of wisdom teeth



943 CH



		5	5
尺寸 · Size	∅ 1/10 mm	065	080
涂层 · Coating	mm	0,5	0,5
L	mm	0,29	0,29
D	∅ 1/10 mm	3,5	3,5

RA - Right-angle (RA)



806 204 361524 ...

943CH.204. ... ◇065 ◇080

RAL - Right-angle long (RAL)



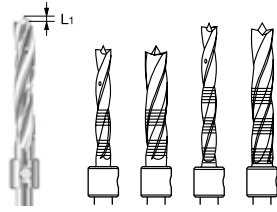
806 205 361524 ...

943CH.205. ... ◇065 ◇080

◇ = ○_{max} 35000 min⁻¹/rpm
◇ = ○_{max} 40000 min⁻¹/rpm
Miniflex金刚砂片
用于骨盖法 后牙区域的牙根切除术
上颌窦骨成形术 使用砂片防护罩
Miniflex diamond disc for bone-lid method
Apicectomy in the molar area, osteoplastic surgery of the maxillary sinus
Use disc-guard



210 IK 16
210 IK 19



		1	1	1	1
尺寸 · Size	Ø 1/10 mm	020	028	020	028
L	mm	16,0	16,0	19,0	19,0
L ₁	mm	0,5	0,8	0,5	0,8

RA · Right-angle (RA)



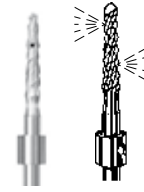
210IK16.204. ...	020	028	-	-
------------------	-----	-----	---	---

210IK19.204. ...	-	-	020	028
------------------	---	---	-----	-----

330

○_{max} 6000 min⁻¹/rpm
用于种植带有内部冷却系统 (IK) 的先锋钻, 不锈钢
深度标记=2 mm
Pilot bur with internal cooling system (IK) for implantology,
stainless steel
Depth marking = 2 mm

167 IK



		1
尺寸 · Size	Ø 1/10 mm	023
L	mm	11,0

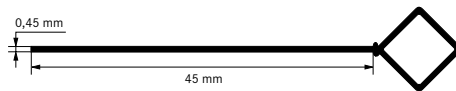
RA · Right-angle (RA)



330 204 404297 ...

167IK.204. ...	023
----------------	-----

○_{max} 6000 min⁻¹/rpm
带有内喷水冷却 (IK) 功能的不锈钢切骨钻
Bone cutter with internal cooling system (IK), stainless
steel



9793

清洁内部冷却装置喷嘴的钢丝, 不锈钢
Cleaning wire for cleaning the cooling orifices of internally cooled instruments,
stainless steel



先锋钻

Pilot burs

Universal pilot drills made of ceramics and stainless steel for use in implantology

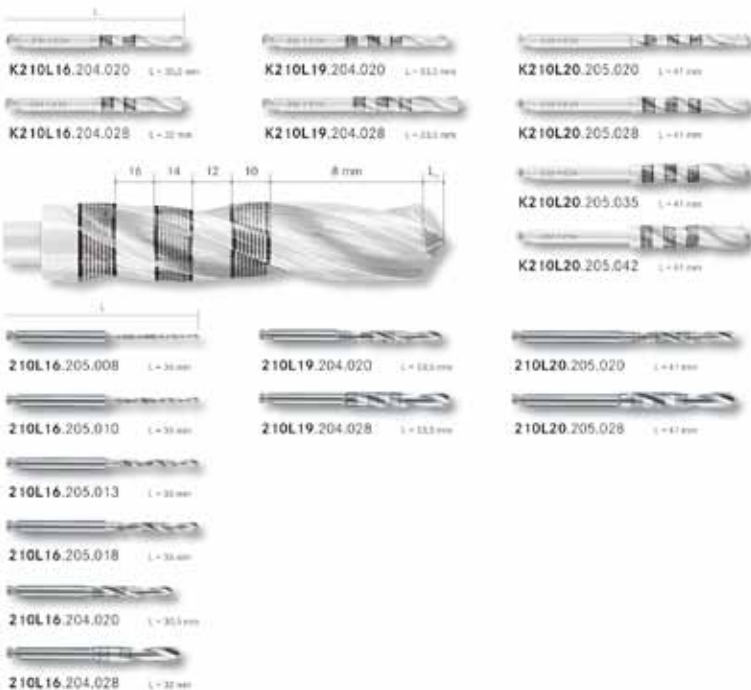
The universal pilot burs have been designed for initial preparation of the implant site axis and depth. Thanks to their small diameter, the pilot burs are particularly suitable for palpating the implant position or perforating bone blocks. What's more, the pilot burs are also ideally suited for creating a continuous perforation line in the jaw to facilitate the use of spreading screws as part of a bone splitting treatment.

The high cutting efficiency of the pilot drills is due to the special design of the instrument tip. The pilot drills feature lasered depth marks in intervals of 2 mm, beginning at 8 mm from the tip.

通用的先锋钻由陶瓷和不锈钢制成，用于种植治疗。

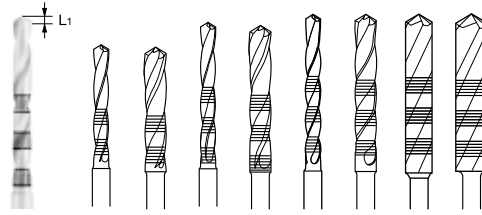
通用型先锋钻非常适合用于初步预备种植部位的轴线和深度。如果一个带有较大直径的植入体需要植入，建议逐步扩大植入孔。直径特小的先锋钻可以用来触诊植入部位，穿孔骨柱以及骨扩展期间创建一个连续的穿孔线路。

先锋钻的高效切割性能得益于器械顶端的特殊设计。先锋钻带有间隔为2mm的激光标记，从工作尖的8mm处开始。



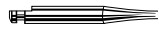


K 210 L 16
K 210 L 19
K 210 L 20



		1	1	1	1	1	1	1	1
尺寸 · Size	Ø 1/10 mm	020	028	020	028	020	028	035	042
L	mm	16,0	16,0	19,0	19,0	20,0	20,0	20,0	20,0
L ₁	mm	0,6	0,8	0,6	0,8	0,6	0,8	1,1	1,3

RA · Right-angle (RA)



K210L16.204. ...	020	028	-	-	-	-	-	-	-
-------------------------	-----	-----	---	---	---	---	---	---	---

K210L19.204. ...	-	-	020	028	-	-	-	-	-
-------------------------	---	---	-----	-----	---	---	---	---	---

RAL · Right-angle long (RAL)



K210L20.205. ...	-	-	-	-	020	028	035	042	-
-------------------------	---	---	---	---	-----	-----	-----	-----	---

⊙_{max.} 6000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents

DE 10 2006 042 762

EP 1 539 018*

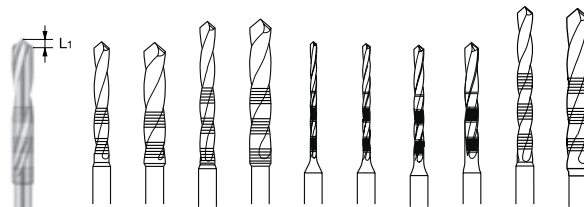
* 申请中/* pending

牙科种植用陶瓷先锋钻 深度标记=8, 10, 12, 14 (16, 18) mm

Pilot bur for implantology, made of ceramics

Depth marking = 8, 10, 12, 14 (16, 18) mm

210 L 16
210 L 19
210 L 20



		2	2	2	2	2	2	2	2	2	2
尺寸 · Size	Ø 1/10 mm	020	028	020	028	008	010	013	018	020	028
L	mm	16,0	16,0	19,0	19,0	16,0	16,0	16,0	16,0	20,0	20,0
L ₁	mm	0,8	1,2	0,8	1,2	0,3	0,4	0,6	0,8	0,8	1,2

RA · Right-angle (RA)



210L16.204. ...	020	028	-	-	-	-	-	-	-	-	-
------------------------	-----	-----	---	---	---	---	---	---	---	---	---

210L19.204. ...	-	-	020	028	-	-	-	-	-	-	-
------------------------	---	---	-----	-----	---	---	---	---	---	---	---

RAL · Right-angle long (RAL)



210L16.205. ...	-	-	-	-	008	010	013	018	-	-	-
------------------------	---	---	---	---	-----	-----	-----	-----	---	---	---

210L20.205. ...	-	-	-	-	-	-	-	-	020	028	-
------------------------	---	---	---	---	---	---	---	---	-----	-----	---

⊙_{max.} 6000 min⁻¹/rpm

种植用不锈钢先锋钻

深度标记=6, 8, 10, 12, 14mm 用于008 018尺寸

8, 10, 12, 14 (16, 18) mm 用于020-028尺寸

Pilot bur for implantology, stainless steel

Depth marking = 8, 10, 12, 14 (16) mm



环钻

Trepan burs

The Komet range of trepan burs includes high-quality trepan burs made of stainless steel for various applications, for example safe explanting, removal of bone blocks and apicectomies.

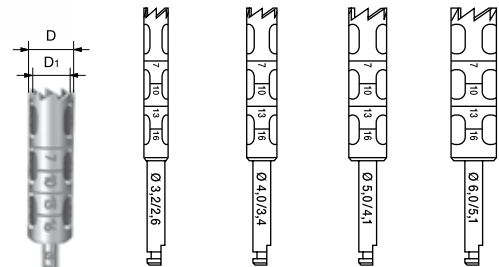
- 227A Safe explanting
- 227B Removal of bone cylinders
- 227C Apicectomy, Punch depth of merely 5 mm
- Centring bur TRC
- Trepan bur TRT
- Bone chip extractor 9126

Komet的高质量环形钻是由不锈钢制成，应用于不同领域，例如安全移出，清除骨阻塞。

- 227A 安全移出
- 227B 清除圆柱形骨
- 227C Apicectomy, 切骨术，钻孔深度仅5mm
- 定心车针 TRC
- 环形钻 TRT
- 取碎骨 9126



227 A



		1	1	1	1
尺寸 · Size	Ø 1/10 mm	032	040	050	060
D	Ø 1/10 mm	32	40	50	60
D ₁	Ø 1/10 mm	26	34	41	51
L	mm	18	18	18	18

RA - Right-angle (RA)



227A.204. ...

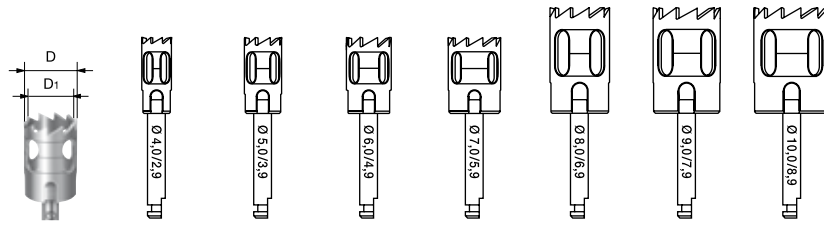
032 040 050 060

⊙_{max} 6000 min⁻¹/rpm

用于取出失败种植体的环形钻，不锈钢
Trepan bur for explantation, stainless steel



227 B



		1	1	1	1	1	1	1
尺寸 · Size	∅ 1/10 mm	040	050	060	070	080	090	100
D	∅ 1/10 mm	40	50	60	70	80	90	100
D ₁	∅ 1/10 mm	29	39	49	59	69	79	89
L	mm	8	8	8	8	12	12	12

RA · Right-angle (RA)



227B.204. ...

040	050	060	070	080	090	100
-----	-----	-----	-----	-----	-----	-----

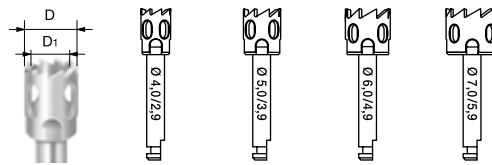
∅_{max} 6000 min⁻¹/rpm

用于预备骨段的环形钻, 不锈钢

Trepan bur for preparation of bone cylinders, stainless steel



227 C



		1	1	1	1
尺寸 · Size	∅ 1/10 mm	040	050	060	070
D	∅ 1/10 mm	40	50	60	70
D ₁	∅ 1/10 mm	29	39	49	59
L	mm	5	5	5	5

RA · Right-angle (RA)



227C.204. ...

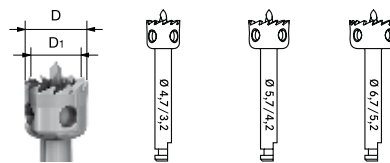
040	050	060	070
-----	-----	-----	-----

∅_{max} 6000 min⁻¹/rpm

根尖切除术中预备骨段的环形钻, 不锈钢

Trepan bur for preparation of bone cylinders in the course of an apicectomy, stainless steel

TRC



		1	1	1
尺寸 · Size	∅ 1/10 mm	045	055	065
D	∅ 1/10 mm	47	57	67
D ₁	∅ 1/10 mm	32	42	52
L	mm	5,5	5,5	5,5

RAL · Right-angle long (RAL)



TRC.205. ...

045	055	065
-----	-----	-----

∅_{max} 6000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents

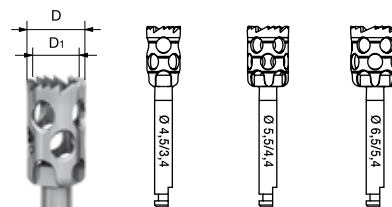
DE 10 2008 029 920

EP 2 138 255*

* 申请中/* pending

MaxilloPrep定中钻, 用中心尖端形成引导槽, 不锈钢

MaxilloPrep Centring bur for creation of a guide groove caused by centring tip, stainless steel



TRT



		1	1	1
尺寸 · Size	Ø 1/10 mm	045	055	065
D	Ø 1/10 mm	45	55	65
D ₁	Ø 1/10 mm	34	44	54
L	mm	8,0	8,0	8,0

RAL · Right-angle long (RAL)



TRT.205. ...

045

055

065

○_{max} 6000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents

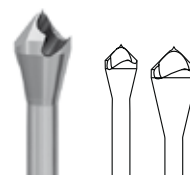
DE 10 2008 029 920

EP 2 138 255*

* 申请中/* pending

用来预备骨柱 (骨移植) 的MaxilloPrep环钻, 不锈钢

MaxilloPrep trepan bur for the preparation of bone cylinders (transplants), stainless steel



9126



		1	1
尺寸 · Size	Ø 1/10 mm	042	060
L	mm	7,0	12,0

RA · Right-angle (RA)



9126.204. ...

○042

●060

● = ○_{max} 10000 min⁻¹/rpm

○ = ○_{max} 15000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents

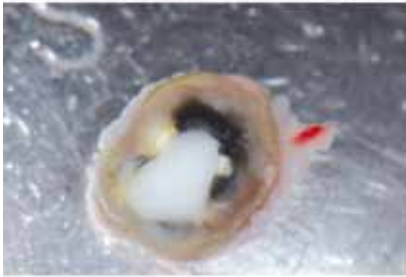
DE 10 2008 020 178*

EP 2 111 805*

* 申请中/* pending

MaxilloPrep取骨器, 用来得到大量骨片的钻头, 不锈钢

MaxilloPrep bone chip extractor, drill for gaining a quantity of bone chips, stainless steel



Extrusion therapy with the TissueMaster Concept®

The extraction of a tooth launches resorption processes that lead to a considerable loss of periodontal and alveolar hard and soft tissue. The progression of these processes and the resulting tissue damage require therapeutic measures.

The orthodontic extrusion within the scope of the TissueMaster concept developed by Dr. Stefan Neumeyer constitutes a minimally invasive therapy with decisive advantages: A coronal movement of the adjacent periodontal and alveolar tissue is generated, which prevents a recessive loss of tissue.

The extrusion therapy is a useful complementary treatment with a view to optimising the creation of the implant bed. The basic steps are: "Extraction, replanting, extrusion, implanting".

Advantages:

- Replantation in order to maintain alveolar structures
- The aim of the extrusion therapy is to launch a coronal movement of the alveolar structures
- Logical, simple and efficient treatment concept
- Elegant, well thought-out instruments



运用TissueMaster概念进行拔牙治疗

拔牙会导致骨吸收，因而导致牙槽骨和硬组织大量流失。最终导致需要的健康组织面积受损。

由Stefan Neumeyer博士基于TissueMaster概念研发的正畸拔牙，利用器械的优点进行微创治疗，邻近的一个牙周冠的移动和牙槽组织的结合，保护了组织的隐性流失。

鉴于种植牙床的最大化理念，拔牙治疗是有效治疗的一种方式。基本步骤是：“拔牙，移植，拔牙，种植”。

优点：

- 移植是为了保持牙槽的结构
- 拔牙治疗的目的是为了发现牙槽结构的冠移动
- 理论上，简单和有效的治疗概念
- 漂亮的，考虑周全的器械



new

4628/1.000



“TMC拔牙销”套装
Set “TMC Extrusion Pin”

Item No.	QTY	Image
97502L15.000.120	1	
97503.000.120	1	
97505L25.000.120	1	
97500.000.032	10	
97500.000.064	10	
97501.000.032	10	
97501.000.048	10	
97501.000.064	10	

1只/透明的/每捆, 5*10口内橡皮筋
1 pin/lenticular element/bar each, 5 x 10 intraoral elastics

new

97502 L 15



Item No.	QTY
97502L15.000.120	120
97502L15.000.120	120

实用新型专利, 专利/Utility model, patents
DE 10 2009 006 005*
* 申请中/* pending

TMC拔牙固位销, 由玻璃纤维强化树脂制成, 带有配套取用工具
TissueMaster理念
TMC Extrusion pin, made of glass fibre reinforced composite, with mounted application sleeve
TissueMaster Concept

new

4629.000



TMC拔牙器械套装
Instrument set TMC Extrusion

Item No.	QTY	Image
S6881.314.012	1	
953M.314.014	1	
953AM.314.014	1	
8390.314.014	1	
H254E.314.012	1	
943CHZ.204.080	1	

用于打磨牙齿, 分布预备。
Work on teeth, segment preparation

new

97503



Item No.	QTY
97503.000.120	120

TMC拔牙固位销用凸面组件, PEEK材质, 带有配套取用工具
TissueMaster理念
TMC Lenticular element for the extrusion pin, PEEK, with mounted application sleeve
TissueMaster Concept



new



97505 L 25



		1
尺寸 · Size	∅ 1/100 mm	120

97505L25.000. ... 120

TMC拔牙横杆，由玻璃纤维强化树脂制成
TissueMaster理念
TMC Extrusion bar made of glass fibre reinforced composite
TissueMaster Concept

338

new



97501



		10	10	10	10
尺寸 · Size		032	048	064	095

97501.000. ... 032 048 064 095

口内拔牙牵引橡胶筋，强拉力
硅橡胶，含乳胶
Intraoral Elastics, strong pull
Silicone, containing latex

new



97500



		10	10	10
尺寸 · Size		032	064	095

97500.000. ... 032 064 095

口内拔牙牵引橡胶筋，中等拉力
硅橡胶，含乳胶
Intraoral Elastics, medium pull
Silicone, containing latex



589



1

RA - Right-angle (RA)



589.204. ...

○_{max} 15000 min⁻¹/rpm

低速弯手机车针用延长器, 15 mm

Extension 15 mm for instruments with contra-angle shank

Stainless steel

339



155 A

手动器械手柄, 带反角手柄
不锈钢

Handle for manual use of instruments with contra-angle shank
Stainless steel



454

手轮需安装在扳手的上方, 用来增加扭矩纯钛金属

Hand wheel to be mounted on top the hand wrench, for increasing the torque
Pure titanium



通用车针的广泛应用请见车针架章节

See chapter „Bur blocks“ for our wide range of universal bur blocks.



冠预备

Crown preparation

4573 / ST	陶瓷冠的专家套装是由私人讲师Ahlers博士, Blunck博士, Frankenberger教授,Hajto博士, Morig博士和Probster教授共同研发 <i>Expert set for ceramic crowns by Private Lecturer Dr. Ahlers, Dr. Blunck, Prof. Frankenberger, Dr. Hajtó, Dr. Morig and Prof. Pröbster</i>	343
4333 / C	带Procera AllCeram的Procera全瓷修复预备套装 <i>Procera® Preparation set for all-ceramic restorations with Procera® AllCeram</i>	344
4410	由Julian Brandes博士的建议研发的带有引导针的全瓷预备套装 <i>Set for all-ceramic preparation with guide pin according to Dr. Julian Brandes</i>	345
4384 A	由Gunay博士的建议研发的带有引导针的冠预备套装 <i>Set for crown preparation with guide pin according to Prof. Günay</i>	345
4278	Göttinger的全瓷冠预备套装 <i>Göttingen preparation set for all-ceramic crowns</i>	346
TD 1272	由Massironi博士建议研发的修改平行肩台的预备套装 <i>Preparation set for modified chamfer, parallel, by Dr. Massironi</i>	346

贴面技术

Veneer technique

4388	由德国汉堡的私人讲师M.Oliver Ahlers指导研发的瓷贴面套装 <i>Set for ceramic veneers according to Private Lecturer Dr. M. Oliver Ahlers, Hamburg</i>	351
4151	CVS的瓷贴面套装 <i>CVS set for ceramic veneers</i>	351

其他套装

Other sets

TD1520A	修整假体的套装 <i>Set for corrective work on protheses</i>	352
4409	根据口腔助教J.Mettler指导研发的精修临时器械的套装 <i>Set for the trimming of temporary appliances according to dental assistant J. Mettler</i>	352
4399A	全瓷抛光套装 <i>Set for polishing ceramics</i>	353
4548	工作于口内钛材料的套装 <i>Set for intraoral work on titanium</i>	353
4362	PA套装, 牙周治疗器械 <i>PA-Set, Instruments for periodontal treatment</i>	354
4180	由法国巴黎的Bernard Touati博士指导研发的TPS2嵌体套装, 带有冠和桥预备器械 <i>TPS2 Set for inlay, crown and bridge preparation according to Dr. Bernard Touati, Paris</i>	354
4310	由A.Gutowski博士/教授指导研发的所有类型的预备套装 <i>Set for all preparation types according to Prof. Dr. A. Gutowski</i>	355

窝洞预备

Cavity preparation

4562 / ST	由私人讲师Ahlers博士, Blunck博士, Frankenberger教授, Hajto博士, Morig博士, Probster教授共同指导研发的瓷嵌体和部分冠的专家套装 <i>Expert set for ceramic inlays and partial crowns by Private Lecturer Dr. Ahlers, Dr. Blunck, Prof. Frankenberger, Dr. Hajtó, Dr. Morig, Prof. Pröbster</i>	347
4261	嵌体预备套装 <i>Inlay preparation set</i>	348

工作于填充物

Working on fillings

4546	2步的树脂精修和抛光套装 <i>Set for 2-step composite finishing and polishing</i>	349
4389	由Radlanski教授指导研发的树脂抛光套装 <i>Composite finishing set according to Prof. Radlanski</i>	349
4159	带有碳化物器械的树脂抛光 <i>Composite-Finishing with carbide instruments</i>	350
4092	带有金刚石器械的树脂抛光 <i>Composite-Finishing with diamond instruments</i>	350




Sets 套装

<i>Introduction</i>	342	简介
<i>Crown preparation</i>	343 - 346	冠核预备
<i>Cavity preparation</i>	347 - 348	窝洞制备
<i>Work on fillings</i>	349 - 350	加工填充物
<i>Veneer technique</i>	351	贴面
<i>Other sets</i>	352 - 355	其它套装



Sets

Our versatile range of preassembled sets enjoys great popularity. Those sets that contain different versions of the same instrument (e.g. the same instrument in different sizes) are listed in the catalogue tables of the corresponding individual instrument. If, however, a set contains all that is needed for a complete treatment sequence, then the instruments required are offered as separate sets. Those sets that come with informative leaflets, such as product information sheets with a detailed description of the treatment are marked with the following symbol  in the catalogue table.

The sets are sorted according to indication.

Due to the large number of sets available, only a small selection of sets is shown in our catalogue. For more detailed information, do not hesitate to order our special brochure which contains a multitude of other interesting sets.



套装

我们在通用领域的预备套装非常受欢迎。这些套装包含不同版本的同样器械（例如，不同尺寸的同一种器械），这些都已经列在目录中。然而，套装包含了治疗步骤所需的所有器械，也可以单支订购。套装配有全面的信息单页，产品单页阐明了治疗的详细描述。治疗方案用以下标记在目录中标出。

套装按照以下说明分类。

大量的套装已经上市，但在目录上只有一部分。详细的产品信息呢，请订阅包含大量套装的特殊目录。



4573 ST.314



Ahlers博士, Blunck博士, Frankenberger博士, Hajtó博士, Morig博士, Pröbster博士研发用于陶瓷冠的专家套装
Expert set for ceramic crowns by Private Lecturer Dr. Ahlers, Dr. Blunck, Prof. Frankenberger, Dr. Hajtó, Dr. Mörig and Prof. Pröbster

●	6837KR.314.012	1	
●	6856.314.021	1	
●	6856.314.018	1	
●	6856.314.012	1	
●	6379.314.023	1	
●	6836KR.314.014	1	
●	8856.314.021	1	
●	8856.314.018	1	
●	8379.314.023	1	

陶瓷嵌体和部分冠可参见专家套装4562/S, 第347页
Contents identical to set 4573 but comes with an instrument tray suitable for sterilisation Also refer to expert set 4562/S for ceramic inlays and partial crowns, page 347

4573.314



Ahlers博士, Blunck博士, Frankenberger教授, Hajtó博士, Mörig博士, Pröbster博士研发用于陶瓷牙冠的专家套装
Expert set for ceramic crowns by Private Lecturer Dr. Ahlers, Dr. Blunck, Prof. Frankenberger, Dr. Hajtó, Dr. Mörig and Prof. Pröbster

●	6837KR.314.012	1	
●	6856.314.021	1	
●	6856.314.018	1	
●	6856.314.012	1	
●	6379.314.023	1	
●	6836KR.314.014	1	
●	8856.314.021	1	
●	8856.314.018	1	
●	8379.314.023	1	

陶瓷嵌体和部分牙冠可参见专家套装4562/S, 第347页
Also refer to expert set 4562/S for ceramic inlays and partial crowns, page 347



4333.000



用于所有采用ProCera® AllCeram进行陶瓷修复的ProCera®预备套装
ProCera® Preparation set for all-ceramic restorations with ProCera® AllCeram

878K.314.014	1		
878K.314.016	1		
878K.314.018	1		
368.314.023	1		

ProCera® 是瑞典 Nobel Biocare公司的注册商标
ProCera® is a registered trademark of Nobel Biocare, Sweden



4333 C.314



用于所有采用ProCera® AllCeram进行陶瓷修复的ProCera®预备套装
ProCera® Preparation set for all-ceramic restorations with ProCera® AllCeram

6878K.314.014	1		
6878K.314.016	1		
6878K.314.018	1		
6368.314.023	1		

ProCera® 是瑞典 Nobel Biocare公司的注册商标
ProCera® is a registered trademark of Nobel Biocare, Sweden



4410.000



具备定位尖的全瓷修复体全瓷牙冠预备车针套装 (依照Julian Brandes博士的建议)
Set for all-ceramic preparation with guide pin according to Dr. Julian Brandes

●	8372P.314.023	1	
●	8372PL.314.023	1	
●	8847KR.314.023	1	
●	8846KR.314.018	1	
	379.314.023	1	
	9653.204.060	1	
●	8845KR.314.025	1	
●	8845KR.314.018	1	
●	H50A.314.010	1	
●	6830LGK.204.014	1	



4384 A.314



具备定位尖的牙冠预备车针套装 (依照Günay教授的建议)
Set for crown preparation with guide pin according to Prof. Günay

	878KP.314.018	1	
	878KP.314.021	1	
●	8878KP.314.018	1	
●	8878KP.314.021	1	
	856P.314.018	1	
	856P.314.021	1	
●	8856P.314.018	1	
●	8856P.314.021	1	
●	S6878K.314.012	1	
●	S6878K.314.016	1	
●	S6856.314.018	1	
●	8856.314.018	1	
●	6379.314.023	1	
	661.314.420	1	

套装的理想添加器械：声波工作尖SF8878KD (远中)和SF8878KM (近中)理想地适用于邻面的最终表面精修
The ideal addition to the kit: The sonic tips SF8878KD (distal) and SF8878KM (mesial) are ideally suited for final finishing of the interproximal surfaces



4278.314



适用于全瓷修复体的Göttingen预备套装
Göttingen preparation set for all-ceramic crowns

951KR.314.016	1		
951KR.314.019	1		
951KR.314.023	1		
● 8951KR.314.017	1		
● 8951KR.314.020	1		
● 8951KR.314.024	1		
881.314.010	1		
881.314.014	1		
● 888.314.012	1		
● 888.314.016	1		
379.314.023	1		
899.314.027	1		
● 8379.314.023	1		
● 8899.314.027	1		
845KR.314.016	1		
850.314.014	1		



TD 1272.314



改良无角肩台预备套装 (依照Domenico Massironi博士的建议)
Preparation set for modified chamfer, parallel, according to Dr. Massironi

● 2886.314.014	1		
● 2886.314.016	1		
● 2886.314.018	1		
● 2979.314.014	1		
● 2979.314.016	1		
● 2979.314.018	1		
● 8979.314.014	1		
● 8979.314.016	1		
● 8979.314.018	1		

套装的理想添加器械：用于龈下定位和牙冠边缘表面精修的声波工作尖 SF979
The ideal addition to the kit: The sonic tip SF979 for subgingival positioning and finishing of the crown margin



4562 ST.314



Ahlers博士, Blunck博士, Frankenberger博士, Hajto博士, Morig博士, Probst博士研发用于陶瓷冠的专家套装
Expert set for ceramic inlays and partial crowns by Private Lecturer Dr. Ahlers, Dr. Blunck, Prof. Frankenberger, Dr. Hajtó, Dr. Mörig and Prof. Probst

●	6847KRD.314.016	1	
	959KRD.314.018	1	
	845KRD.314.025	1	
●	8862.314.012	1	
	801.314.023	1	
●	8847KR.314.016	1	
●	8959KR.314.018	1	
●	8845KR.314.025	1	
●	8862.314.016	1	
●	8379.314.023	1	

陶瓷嵌体和部分冠可参见专家套装4573/S, 第343页
Contents identical to set 4562 but comes with an instrument tray suitable for sterilisation
Also refer to expert set 4573/ST for ceramic crowns, page 343

4562.314



Ahlers博士, Blunck博士, Frankenberger博士, Hajto博士, Morig博士, Probst博士研发用于陶瓷冠的专家套装
Expert set for ceramic inlays and partial crowns by Private Lecturer Dr. Ahlers, Dr. Blunck, Prof. Frankenberger, Dr. Hajtó, Dr. Mörig, Prof. Probst

●	6847KRD.314.016	1	
	959KRD.314.018	1	
	845KRD.314.025	1	
●	8862.314.012	1	
	801.314.023	1	
●	8847KR.314.016	1	
●	8959KR.314.018	1	
●	8845KR.314.025	1	
●	8862.314.016	1	
●	8379.314.023	1	

陶瓷嵌体和部分冠可参见专家套装4573/S, 第343页
Also refer to expert set 4573 for ceramic crowns, page 343



4261.314



嵌体预备套装
Inlay preparation set

348

	959KR.314.018	1
	8959KR.314.018	1
	959KREF.314.018	1
	845KR.314.018	1
	8845KR.314.018	1
	845KREF.314.018	1
	845KR.314.025	1
	8845KR.314.025	1
	845KREF.314.025	1
	856EF.314.012	1



4546.000



用于两步法复合树脂材料表面精修和抛光的套装
Set for 2-step composite finishing and polishing

● ●	H135Q.314.014	1	
● ●	H48LQ.314.012	1	
● ●	H379Q.314.023	1	
● ●	H390Q.314.018	1	
○	9524UF.204.050	1	
○	9526UF.204.100	1	
○	9525UF.204.085	1	
○	9523UF.204.030	1	

4389.314



复合树脂材料表面精修套装 (依照Radlanski教授的建议)
Composite finishing set according to Prof. Radlanski

● ●	H134Q.314.014	1	
● ●	H135Q.314.014	1	
● ●	H379Q.314.023	1	
● ●	H390Q.314.018	1	
○	H22AGK.314.016	1	
○	H22ALGK.314.016	1	
○	H379AGK.314.023	1	
○	H390AGK.314.018	1	



4159.314



碳化钨器械复合树脂表面精修套装
Composite-Finishing with carbide instruments

●	H132.314.008	1	
●	H133.314.010	1	
●	H134.314.014	1	
●	H135.314.014	1	
●	H132F.314.008	1	
●	H133F.314.010	1	
●	H134F.314.014	1	
●	H135F.314.014	1	
○	H132UF.314.008	1	
○	H133UF.314.010	1	
○	H134UF.314.014	1	
○	H135UF.314.014	1	
●	H379.314.023	1	
●	H247.314.007	1	
●	H247.314.009	1	



4092.314



金刚砂器械复合树脂表面精修套装
Composite-Finishing with diamond instruments

●	8955.314.008	1	
●	8956.314.010	1	
●	8852.314.014	1	
●	8859.314.014	1	
●	955EF.314.008	1	
●	956EF.314.010	1	
●	852EF.314.014	1	
●	859EF.314.014	1	
●	8379.314.023	1	
●	8957.314.007	1	
●	8957.314.009	1	
●	379EF.314.023	1	
●	957EF.314.007	1	
●	957EF.314.009	1	



4388.314



陶瓷贴面预备套装 (依照德国汉堡的独立导师M. Oliver Ahlers博士)
Set for ceramic veneers according to Private Lecturer Dr. M. Oliver Ahlers,
Hamburg

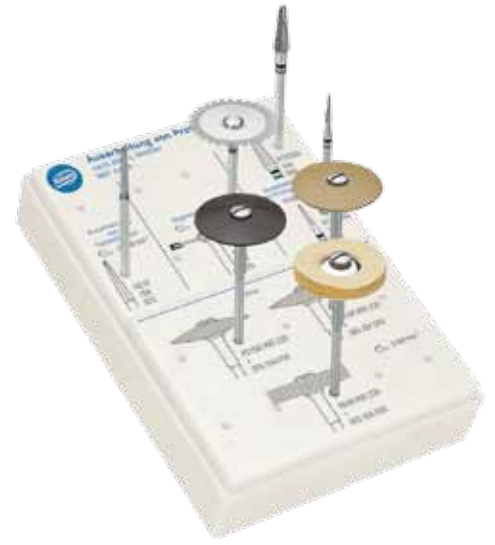
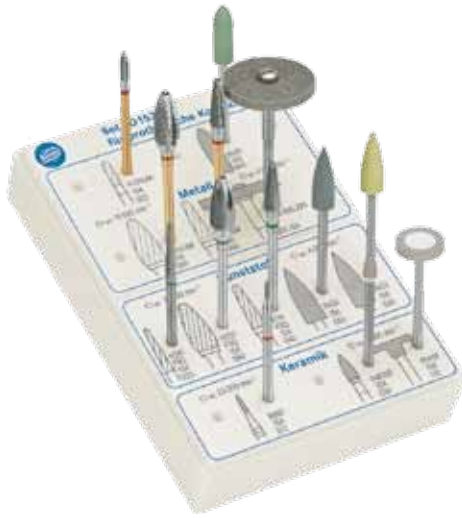
	868B.314.018	1	
	868B.314.020	1	
	868.314.012	1	
	868.314.016	1	
	379.314.023	1	
●	8868.314.012	1	
●	8868.314.016	1	
●	8379.314.023	1	
●	852EF.314.014	1	
●	379EF.314.023	1	



4151.314

用于陶瓷贴面预备的CVS套装
CVS set for ceramic veneers

	834.314.021	1	
	834.314.016	1	
● ●	6844.314.016	1	
● ●	6844.314.014	1	
○	H133UF.314.010	1	
●	852EF.314.014	1	
●	955EF.314.008	1	
●	379EF.314.023	1	



352

TD 1520 A.000



假牙调整用套装
Set for corrective work on prostheses

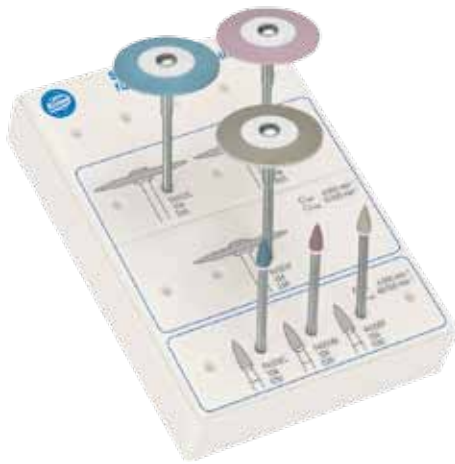
●	H139UM.104.023 1	
	9620.104.045 1	
●	H251UM.104.060 1	
●	H79UM.104.040 1	
	9675.900.220 1	
	305.104.050 1	
●	H261FSQ.104.023 1	
●	H251FSQ.104.060 1	
●	H79FSQ.104.040 1	
	9424.104.055 1	
	9433.104.055 1	
●	8860.104.012 1	
	94000F.104.030 1	
	9545F.104.110 1	

4409.000



按照 牙科助手 J. Mettler 建议对临时修复体进行修整的套装
Set for the trimming of temporary appliances according to dental assistant J. Mettler

	H219.104.023 1	
	946.104.220 1	
● ●	H79GSQ.104.040 1	
● ●	H136GSQ.104.016 1	
	9515M.900.220 1	
	9515F.900.220 1	
	9448.900.220 1	
	305.104.050 3	



4399 A.104



用于陶瓷抛光的套装
Set for polishing ceramics

	📄	
94000C.104.030	1	
94000M.104.030	1	
94000F.104.030	1	
94003C.104.260	1	
94003M.104.260	1	
94003F.104.260	1	

4548.314



口腔内钛金属修磨套装
Set for intraoral work on titanium

	📄	
● H856G.314.016	1	
● H856G.314.018	1	
● H847KRG.314.016	1	
● H847KRG.314.018	1	
● H379G.314.023	1	
● H375R.314.016	1	
● H375R.314.018	1	
● H336.314.016	1	
● H336.314.018	1	
● H379.314.023	1	



354

4362.000



PA套装，用于牙周治疗的器械
PA-Set, Instruments for periodontal treatment

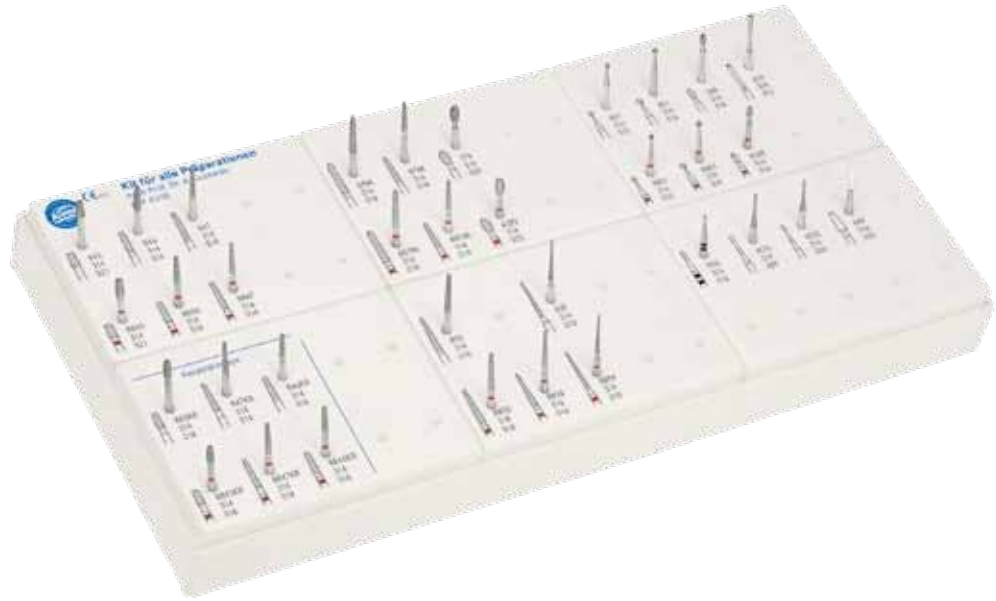
●	8831.204.012	1	
●	831EF.204.012	1	
●	8832.204.014	1	
●	832EF.204.014	1	
●	8831L.204.012	1	
●	831LEF.204.012	1	
●	8832L.204.014	1	
●	832LEF.204.014	1	
	190.205.010	1	
	189.204.012	1	

4180.314



TPS2套装，适用于预备嵌体和冠桥（依照按照法国巴黎Bernard Touati博士的建议）
TPS2 Set for inlay, crown and bridge preparation according to Dr. Bernard Touati, Paris














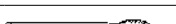





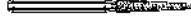



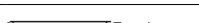




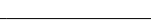

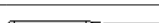




●	6889.314.010	1	TPS2-1
●	8889.314.010	1	TPS2-2
●	6883.314.010	1	TPS2-3
	888.314.012	1	TPS2-4
	868.314.012	1	TPS2-5
●	6856.314.016	1	TPS2-6
●	8856.314.016	1	TPS2-7
●	6856.314.018	1	TPS2-8
●	8856.314.018	1	TPS2-9
●	6847KR.314.016	1	TPS2-10
●	8847KR.314.016	1	TPS2-11
●	6849.314.016	1	TPS2-12
●	8368.314.016	1	TPS2-13
●	5856.314.016	1	TPS2-14
●	5368.314.023	1	TPS2-15



43 10.314



适用于所有类型预备的套装符合 (依照A. Gutowski教授的建议)
Set for all preparation types according to Prof. Dr. A. Gutowski

									
	845.314.021	1							
	846.314.016	1							
	847.314.014	1							
●	8845.314.021	1							
●	8846.314.016	1							
●	8847.314.014	1							
	845KR.314.018	1							
	847KR.314.014	1							
	846KR.314.016	1							
●	8845KR.314.018	1							
●	8847KR.314.014	1							
●	8846KR.314.016	1							
	879K.314.018	1							
	878K.314.014	1							
	379.314.023	1							
●	8879K.314.018	1							
●	8878K.314.014	1							
●	8379.314.023	1							
	850.314.016	1							
	859.314.010	1							
●	8850.314.016	1							
●	8850.314.014	1							
●	8859.314.010	1							
	801.314.012	1							
	801.314.014	1							
	368.314.016	1							
	839.314.012	1							
●	8801.314.012	1							
●	8801.314.014	1							
●	8368.314.016	1							
● ●	H34.314.010	1							
	H21L.314.009	1							
	H23L.314.009	1							
	649.314.420	1							



不锈钢车针架
Stainless steel bur blocks



358-362

铝制车针架
Aluminium bur blocks



363-366

包装
Packages



367-369



Bur blocks **车针架**

<i>Stainless steel bur blocks</i>	358 - 362	不锈钢车针架
<i>Aluminium bur blocks</i>	363 - 366	铝制车针架
<i>Packages</i>	367 - 369	包装



Stainless steel bur blocks

A considerable number of rotary and oscillating instruments is used in the dental practice every day. Every practice team wishes to reprocess these instruments in a simple, ergonomic manner. In response, Komet offers a vast range of bur blocks for all types of instruments, for example for standard rotary instruments, endodontics and for sonic tips.

Our bur blocks are available in many different versions: big or small, high or deep. All bur blocks are clearly laid out and feature a long service life. Stainless steel bur blocks and tribune-like bur blocks are suitable for cleaning and disinfecting in the instrument or ultrasonic bath or in the thermo disinfectant. Komet has had the reprocessing of our instruments validated by an external institute. With Komet bur blocks and reprocessing instructions, our customers are always on the safe side.

不锈钢车针架

大量的旋转和摆动器械被适用于日常的口腔治疗中。大家都希望这些器械的使用后再处理，能够在简单，符合人体工程学的清洗下进行处理。作为回应，Komet为所有种类的器械提供各种车针架，例如标准的旋转器械，根管器械和声波工作尖。

我们提供不同种类的车针架：大的小的，高的低的，这些都是耐用的车针架。不锈钢车针架和看台式车针架适用于干净，超声消毒和热消毒的器械使用。用Komet车针架进行消毒，总是让人放心的。



new

9993 L 6.000



尺寸 · Dimensions mm 91 x 45 x 60

不锈钢车针架，配备6个用于加持高速手机器械和低速弯手机器械的蓝色硅橡胶卡环和3个用于声波工作尖的卡环，适用于最大长度58 mm的器械
Bur block made of stainless steel with 6 blue silicone plugs for FG and RA instruments and 3 plugs for sonic tips, for a maximum length of 58 mm



9933 L 3.000



尺寸 · Dimensions mm 61 x 45 x 30

不锈钢制成的车针架，带有12个蓝色硅胶塞作为通用型器械的架子，用于最长为28 mm的FG和CA器械
Bur block made of stainless steel with 12 blue silicone plugs as universal instrument holders, for FG and RA instruments with a maximum length of 28 mm



new

9933 L 6.000



尺寸 · Dimensions mm 61 x 45 x 60

不锈钢制成的车针架，带有12个蓝色硅胶塞作为通用型器械的架子，用于最长为58 mm的FG和RA器械
Bur block made of stainless steel with 12 blue silicone plugs for FG and RA instruments with a maximum length of 58 mm



9949 L 3.000



尺寸 · Dimensions mm 79 x 63 x 30

不锈钢制成的车针架，带有24个蓝色硅胶塞作为通用型器械的架子，用于最长为28 mm的FG和RA器械
Bur block made of stainless steel with 24 blue silicone plugs for FG and RA instruments with a maximum length of 28 mm



车针架 | 不锈钢车针架
Bur blocks | Stainless steel bur blocks



new

9989.000



尺寸 · Dimensions mm 83 x 45 x 35

不锈钢制成的车针架，带有16个蓝色硅胶塞作为通用型器械的架子，用于最长为33 mm的FG和CA器械

Bur block made of stainless steel with 16 blue silicone plugs as universal instrument holders, for FG and RA instruments with a maximum length of 33 mm



new

9990.000



尺寸 · Dimensions mm 109 x 63 x 35

不锈钢制成的车针架，带有30个蓝色硅胶塞作为通用型器械的架子，用于最长为33 mm的FG和CA器械

Bur block made of stainless steel with 30 blue silicone plugs as universal instrument holders, for FG and RA instruments with a maximum length of 33 mm



new

9991.000



尺寸 · Dimensions mm 109 x 80 x 35

不锈钢制成的车针架，带有40个蓝色硅胶塞作为通用型器械的架子，用于最长为33 mm的FG和CA器械

Bur block made of stainless steel with 40 blue silicone plugs as universal instrument holders, for FG and RA instruments with a maximum length of 33 mm



new

9992.000



尺寸 · Dimensions mm 109 x 80 x 60

不锈钢制成的车针架，带有40个蓝色硅胶塞作为通用型器械的架子，用于最长为58 mm的FG和CA器械

Bur block made of stainless steel with 40 blue silicone plugs as universal instrument holders, for FG and RA instruments with a maximum length of 58 mm



9945.000



尺寸 · Dimensions mm 147,5 x 79 x 49

不锈钢车针架，带有40个蓝色硅胶塞作为通用性器械的架子，用于放置最长为45mm的FG和RA器械
Bur block made of stainless steel with 40 blue silicone plugs for FG and RA instruments, for a maximal length of 45 mm



9890 L 4



尺寸 · Dimensions mm 72 x 20 x 40

不锈钢车针架，带有6个蓝色硅胶塞作为通用性器械的架子，包含不同型号的手柄，用于放置最长为37mm器械
Universal bur block made of stainless steel with 6 blue silicone plugs as universal instrument holders, different types of shanks can be combined, for a maximal instrument length of 37 mm



9890 L 5



尺寸 · Dimensions mm 72 x 20 x 50

不锈钢制成的车针架，带有6个蓝色硅胶塞作为通用型器械的架子，可以组合最长为47 mm的各类柄
Universal bur block made of stainless steel with 6 blue silicone plugs as universal instrument holders, different types of shanks can be combined, for a maximal instrument length of 47 mm



9890 L 7



尺寸 · Dimensions	mm	72 x 20 x 70
-----------------	----	--------------

不锈钢制成的车针架，带有6个蓝色硅胶塞作为通用型器械的架子，可以组合最长为67 mm的各类柄
Universal bur block made of stainless steel with 6 blue silicone plugs as universal instrument holders, different types of shanks can be combined, for a maximal instrument length of 67 mm



9891



		1	1	1	1	1	1
尺寸 · Size		1	2	3	4	5	6
9891.000. ...		1	2	3	4	5	6

硅胶塞，替换装，用于所有带有硅胶塞的车针架，
8件
*Silicone plug, refill for bur blocks with silicone plugs,
8 pieces*



Aluminium Bur Blocks

These bur blocks are also available in red, gold and blue.

*Simply replace the **S** at the end of the REF no. by an **R**, a **G** or a **B**, as required.*

Due to its material, aluminium bur blocks are generally not suitable for disinfection in the thermodisinfectant.

铝制车针架

这些车针架有红色，金色和蓝色的。

根据需要将参阅号R,G,B简单替代末端的S

根据材质，铝制车针架通常不适用于热消毒。



车针架 | 铝制车针架
Bur blocks | Aluminium bur blocks



A 100 S.000



尺寸 · Dimensions	mm	41 x 25 x 28
-----------------	----	--------------

阳极处理铝制成的车针架，可放置10只FG和5只RA器械，最长器械长度为25mm。还可以订购红色（A 100R），金色（A 100G）和蓝色（A 100B）。仅需将订货编号末尾的字母S替换为R、G或B。
Bur block made of anodized aluminium for 10 FG and 5 RA instruments, for a maximal instrument length of 25 mm
Also available in red (A 100R), gold (A 100G) and blue (A 100B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 303 S.000

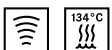


尺寸 · Dimensions	mm	41 x 25 x 24,5
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阳极处理铝制成的车针架，可放置15只FGSTS器械，最长器械长度为18.5 mm。还可以订购红色（A 303R），金色（A 303G）和蓝色（A 303B）。仅需将订货编号末尾的字母S替换为R、G或B。
Bur block made of anodized aluminium for 15 FGSTS instruments, for a maximal instrument length of 18,5 mm
Also available in red (A 303R), gold (A 303G) and blue (A 303B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 500 S.000



尺寸 · Dimensions	mm	41 x 25 x 28
-----------------	----	--------------

阳极处理铝制成的车针架，可放置10只FG器械，最长器械长度为25mm。还可以订购红色（A 500R），金色（A 500G）和蓝色（A 500B）。仅需将订货编号末尾的字母S替换为R、G或B。
Bur block made of anodized aluminium for 10 FG instruments, for a maximal instrument length of 25 mm
Also available in red (A 500R), gold (A 500G) and blue (A 500B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 600 S.000

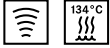


尺寸 · Dimensions	mm	73 x 25 x 28
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阳极处理铝制成的车针架，可放置20只FG和10只RA器械，最长器械长度为25mm。还可以订购红色（A 600R），金色（A 600G）和蓝色（A 600B）。仅需将订货编号末尾的字母S替换为R、G或B。
Bur block made of anodized aluminium for 20 FG and 10 RA instruments, for a maximal instrument length of 26 mm (FG) and 27 (RA)
Also available in red (A 600R), gold (A 600G) and blue (A 600B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 603 S.000



尺寸 · Dimensions mm 73 x 25 x 28

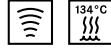
阳极处理铝制成的车针架，可放置12只FG和6只RA器械，最长器械长度为25mm。还可以订购红色 (A 603R)，金色 (A 603G) 和蓝色 (A 603B)。仅需将订货编号末尾的字母S替换为R、G或B。

Bur block made of anodized aluminium for 12 FG and 6 RA instruments, for a maximal instrument length of 26 mm (FG) and 27 (RA)

Also available in red (A 603R), gold (A 603G) and blue (A 603B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 604 S.000



尺寸 · Dimensions mm 80 x 25 x 27/31

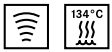
阳极处理铝制成的车针架，可放置12只FG和12只RA器械，最长器械长度为23.5mm (4只FG)，21.5mm (8只FG) 和27.5mm (12只RA)。还可以订购红色 (A 604R)，金色 (A 604G) 和蓝色 (A 604B)。仅需将订货编号末尾的字母S替换为R、G或B。

Bur block made of anodized aluminium for 12 FG and 12 RA instruments, for a maximal instrument length of 23,5 mm (4 FG), 21,5 mm (8 FG) and 27,5 mm (12 RA)

Also available in red (A 604R), gold (A 604G) and blue (A 604B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 622 S.000



尺寸 · Dimensions	mm	86 x 25 x 30
-----------------	----	--------------

阳极处理铝制成的车针架，可放置12只RA器械，最长器械长度为27 mm。还可以订购红色 (A 622R)，金色 (A 622G) 和蓝色 (A 622B)。仅需将订货编号末尾的字母S替换为R、G或B。

Bur block made of anodized aluminium for 12 RA instruments, for a maximal instrument length of 27 mm

Also available in red (A 622R), gold (A 622G) and blue (A 622B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 623 S.000



尺寸 · Dimensions	mm	86 x 25 x 30
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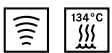
阳极处理铝制成的车针架，可放置12只FG器械，最长器械长度为26 mm。还可以订购红色 (A 623R)，金色 (A 623G) 和蓝色 (A 623B)。仅需将订货编号末尾的字母S替换为R、G或B。

Bur block made of anodized aluminium for 12 FG instruments, for a maximal instrument length of 26 mm

Also available in red (A 623R), gold (A 623G) and blue (A 623B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 624 S.000



尺寸 · Dimensions	mm	86 x 25 x 30
-----------------	----	--------------

阳极处理铝制成的车针架，可放置24只FG器械，最长器械长度为26 mm。还可以订购红色 (A 624R)，金色 (A 624G) 和蓝色 (A 624B)。仅需将订货编号末尾的字母S替换为R、G或B。

Bur block made of anodized aluminium for 24 FG instruments, for a maximal instrument length of 26 mm

Also available in red (A 624R), gold (A 624G) and blue (A 624B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



A 640 S.000



尺寸 · Dimensions	mm	86 x 50 x 27,5
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阳极处理铝制成的车针架，可放置21只FG器械，最长器械长度为24.5 mm。还可以订购红色 (A 640R)，金色 (A 640G) 和蓝色 (A 640B)。仅需将订货编号末尾的字母S替换为R、G或B。

Bur block made of anodized aluminium for 21 FG instruments, for a maximal instrument length of 24,5 mm

Also available in red (A 640R), gold (A 640G) and blue (A 640B). Simply replace the S at the end of the REF no. by an R, a G or a B, as required



C.204.006

尺寸 · Dimensions mm 35 x 25 x 38

C.204.006 放置6只 RA器械
C.204.006 for 6 RA instruments



C.314.006

尺寸 · Dimensions mm 35 x 25 x 38

C.314.006 放置6只 FG器械
C.314.006 for 6 FG instruments



Z.204.010

尺寸 · Dimensions mm 70 x 50 x 38

Z.204.010 放置10只 RA器械
Z.204.010 for 10 RA instruments



Z.204.025

尺寸 · Dimensions mm 70 x 50 x 38

Z.204.025 放置25只 RA器械
Z.204.025 for 25 RA instruments



Z.314.010

尺寸 · Dimensions mm 70 x 50 x 38

Z.314.010放置10只FG器械
Z.314.010 for 10 FG instruments



Z.314.025

尺寸 · Dimensions mm 70 x 50 x 38

Z.314.025放置25只FG器械
Z.314.025 for 25 FG instruments

368



W.204.020

尺寸 · Dimensions mm 74 x 104 x 40

W.204.020放置20只RA器械(2 x 10)
W.204.020 for 20 RA instruments (2 x 10)



W.204.050

尺寸 · Dimensions mm 74 x 104 x 40

W.204.050放置50只RA器械(2 x 25)
W.204.050 for 50 RA instruments (2 x 25)



W.314.020

尺寸 · Dimensions mm 74 x 104 x 40

W.314.020放置20只FG器械(2 x 10)
W.314.020 for 20 FG instruments (2 x 10)



W.314.050

尺寸 · Dimensions mm 74 x 104 x 40

W.314.050放置50只FG器械(2 x 25)
W.314.050 for 50 FG instruments (2 x 25)



V.204.060

尺寸 · Dimensions mm 215 x 104 x 40

V.204.060放置60只RA器械(6 x 10)
V.204.060 for 60 RA instruments (6 x 10)



V.204.150

尺寸 · Dimensions mm 215 x 104 x 40

V.204.150放置150只RA器械(6 x 25)
V.204.150 for 150 RA instruments (6 x 25)



V.314.060

尺寸 · Dimensions mm 215 x 104 x 40

V.314.060放置60只FG器械(6 x 10)
V.314.060 for 60 FG instruments (6 x 10)



V.314.150

尺寸 · Dimensions mm 215 x 104 x 40

V.314.150放置150只FG器械(6 x 25)
V.314.150 for 150 FG instruments (6 x 25)



DC1®
DC1®



372-373

配件
Auxiliaries



374



Cleaning and disinfection 清洗消毒液

DC1® 372 - 373 DC1®
Auxiliaries 374 配件



DC1

Gentle, yet effective cleaning and disinfecting agent for manual reprocessing.

Advantages:

- *Economic (1litre concentrate = 100 litres ready to use solution)*
- *Concentrate can be used universally for cleaning and disinfecting*
- *For all rotary instruments and hand instruments*
- *No material degradation*
- *Convenient dosing bottle*
- *VAH / DGHM certified*
- *Aldehyde-free, non-fixing*
- *Alcohol-free*

DC1

温和，有效清洁和消毒手动再处理器械

优点：

- 经济（1公升浓缩液=100公升普通清洁剂）
- 浓缩液通用于清洁和消毒
- 适用于所有的旋转器械和手动器械
- 无降解材料
- 方便的配量瓶
- VAH/DGHM认证
- 无乙醇，非固体
- 无酒精



9826



固美DC1清洗消毒剂，1升装
(提供多种语言的使用说明)
Komet DC1 Cleaning agent and disinfecting, 1 l
(with multilingual instruction for use)



9829



固美DC1消毒和清洁剂，2x3升双包装（带有多种语言使用说明书）
Komet DC1 Cleaning agent and disinfecting
Twin pack 2 x 3 l (with German instruction for use)



9834 A



Komet 储藏容器 (3升, 5升和10升) 的盖子
Tap for Komet storage canister (3 l, 5 l and 10 l)



9888



Komet DC1 量杯 250ml, 便于混合DC1溶液
*Komet DC1 Measuring jug
250 ml, with handy scale for mixing the DC1 solution*



9791



金属清洁刷，可高温高压灭菌金属把，带有可更换的不锈钢刷，适用于旋转器械的清洁和维护

Metal cleaning brush, sterilizable

Metal handle with interchangeable brush made of stainless steel for cleaning and maintenance of rotary instruments



9792



备用金属刷

Spare metal brush

374



9873



尼龙清洁刷，可高温高压灭菌金属柄，带有可更换尼龙刷，用来清洁和维护陶瓷旋转器械

Nylon cleaning brush, sterilizable

Metal handle with interchangeable nylon brush for cleaning and maintenance of rotary instruments made of ceramics



9874



备用尼龙刷

Spare nylon brush





陶瓷切割
Ceramic cutters



丙烯酸义齿的特殊切割
Special cutter for
denture acrylics 379-380



用于软的丙烯酸
For soft acrylics 380

由人造材料制成的切割器械
Cutters made of synthetic material



4边锥度的切割器械
4-edged tapered cutter 381



Ceramics/Acrylics 陶瓷/丙烯酸

<i>Ceramic cutters</i>	378 - 380	陶瓷切割器械
<i>Cutters made of synthetic material</i>	381	由人造材料制成的切割器械



When brilliance turns into perfection
Ceramic cutters made by Komet

Your excellent craftsmanship calls for first-rate tools. The answer: Komet's exclusive ceramic cutters, all in white. The material ensures pleasant, gentle and intuitive work, combined with absolute precision..

Advantages:

- Excellent cutting efficiency
- Extremely smooth surfaces
- No clogging
- Smooth operation
- Do not heat up as much as metal instruments if used properly
- Resistance to the effects of chemical cleaning agents

Recommended speed:

☉_{opt.} 15,000 rpm



当闪亮转变为完美
Komet研发的陶瓷切割器械

精湛的技艺造就了一流的工具。回答是：Komet独家的陶瓷切割器械，全白色。这种材料保证了愉快，温和，精准和直观的工作，

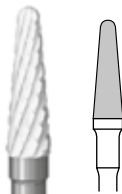
优点：

- 有效完美的切割
- 极光滑的表面
- 无阻塞
- 平滑的操作
- 如何适用得当，不会像金属器械那样产热多
- 能够抵挡化学清洗剂的腐蚀

最佳转速

☉_{opt.} 每分钟15,000转

new

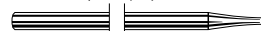


● **K 79 ACR**



		5
尺寸 · Size	Ø 1/10 mm	040
L	mm	13,0

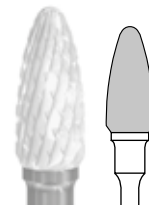
HP柄 · Handpiece (HP)



● **K79ACR.104. ...** 040

○_{max} 100000 min⁻¹/rpm
 实用新型专利, 专利/Utility model, patents
 DE 10 2011 010 897*
 EP 2 486 888*
 * 申请中/* pending

用于义齿丙烯酸树脂的专用磨头
 Special cutter for denture acrylics



● **K 251 ACR**



		5
尺寸 · Size	Ø 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



● **K251ACR.104. ...** 060

○_{max} 50000 min⁻¹/rpm
 实用新型专利, 专利/Utility model, patents
 DE 10 2011 010 897*
 EP 2 486 888*
 * 申请中/* pending

义齿用丙烯酸树脂专用磨头
 Special cutter for denture acrylics



new

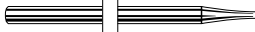


K 251 EQ



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)

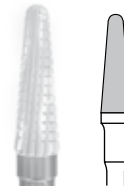


K251EQ.104. ... 060

⊙_{max} 50000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 10 2011 010 897*
EP 2 486 888*
* 申请中/* pending

用于丙烯酸树脂的双功能磨头 粗刃齿, 尖端带有细刃齿

Dual cutter for acrylic materials
Coarse toothing with fine toothing at the tip

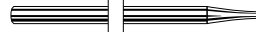


K 79 GSQ



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

HP柄 · Handpiece (HP)



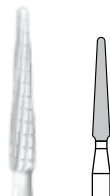
K79GSQ.104. ... 040

⊙_{max} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 10 2011 010 897*
EP 2 486 888*
* 申请中/* pending

用于软质的丙烯酸树脂

For soft acrylics

new



K 261 GSQ



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



K261GSQ.104. ... 023

⊙_{max} 100000 min⁻¹/rpm

用于软质的丙烯酸树脂

For soft acrylics



软体切割器

Soft Cutter

A real softie among cutters

Developed in close cooperation with the brothers Hugo and Xaver Spicher (Switzerland), the new Soft Cutter has been designed to pursue a less aggressive approach. Instead, it facilitates fine corrections on acrylics. Thanks to its special properties, damage to adjacent wires or other metal elements is safely avoided.

Advantages:

- The working part is softer than metal
- No damage to orthodontic wires brackets, connectors, springs or retentions
- Active part made of high-tech material designed for detailed work
- No heat-related damage
- Suitable for the dental laboratory and the dental practice

Recommended speed:

☉_{opt.} 10,000 rpm

真正的软体切割器

在与Hugo和Xaver Spicher(瑞士)兄弟的紧密合作下研发了新型软体切割器械。它实现了在假体上的精细修整。感谢它的特殊性能，避免了对邻近弓丝或其他金属元素的损坏。

优点：

- 工作尖比金属软
- 不损伤正畸弓丝，托槽，连接器，拉簧和保持器。
- 无发热损伤
- 适用于口腔技工室和口腔诊所
- 适用于口腔技工室和口腔实践操作

建议转速：

☉_{opt.} 每分钟10,000转

SC 1



		5
尺寸 · Size	∅ 1/10 mm	055
L	mm	15,0

HP柄 · Handpiece (HP)



SC1.104. ...

055

☉_{max.} 40000 min⁻¹/rpm

☉_{opt.} 10000 min⁻¹/rpm

4边锥形切割器，由高校的人工材料制成，工作于丙烯酸和金属区域

4-edged tapered cutter made of high-performance synthetic material for work on the transition area between acrylics and metal



车针

Burs



圆形
Round 384



倒锥形
Inverted cone 385



圆柱形
Cylinder 385-386



锥形
Tapered 386



圆锥形
Tapered round 386-387



尖头
Pointed 388-389



麻花钻
Twist drill 389

抛光器械

Finishing instruments



鱼雷形
Torpedo 390



倒锥形
Inverted cone 390



针形
Needle-shaped 390



火焰形
Flame 390

技工室涡轮器械

Instruments for laboratory turbine



倒锥形
Inverted cone 391



圆锥形
Tapered round 391



针形
Needle-shaped 391-392



尖头
Pointed 392

磨头

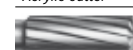
Cutters



针孔切割器械
Pin-hole cutter 393



丙烯酸切割器械
Acrylic cutter 393



柱形
Cylinder 394

注意：
Note:

对于特殊的切割，在TC切割器械指南中介绍，请见395页
For our **special cutters**, introduced by our compass TC cutters, please refer to **pages 395 ff.**

左手操作器械

Instruments for left-handed operators



435-437

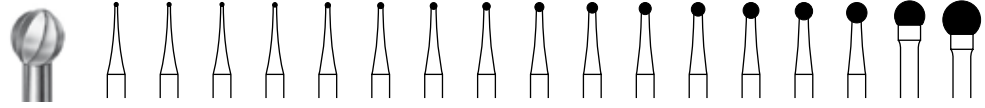


Tungsten carbide **钨钢**

<i>Burs</i>	384 - 389	车针
<i>Finishing instruments</i>	390	精修器械
<i>Instruments for laboratory turbine</i>	391 - 392	技工室涡轮机用器械
<i>Cutters</i>	395 - 434	磨头
<i>Instruments for left-handed operators</i>	435 - 437	左手操作者用器械



H 71



		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	003	004	005	006	007	008	009	010	012	014	016	018	021	023	027	040	050	

HP柄 · Handpiece (HP)



500 104 001175 ...

H71.104. ...

003 004 005 006 007 008 009 010 012 014 016 018 021 023 027 040 050

◊ = \odot_{\max} 80000 min⁻¹/rpm

■ = \odot_{\max} 100000 min⁻¹/rpm

球钻下方焊接点：碳化钨延伸至柄，增强颈部的强度

Round

Lower solder joint: Tungsten carbide extends down shank for increased neck strength

384

H 1 S



		5	5	5	5
尺寸 · Size	Ø 1/10 mm	010	014	018	023
美国编号		2S	4S	6S	8S

HP柄 · Handpiece (HP)



500 104 001003 ...

H1S.104. ...

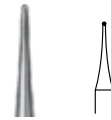
010 014 018 023

\odot_{\max} 100000 min⁻¹/rpm

圆头，高效切割设计

Round, high-efficiency cutting design

H 52



		5
尺寸 · Size	Ø 1/10 mm	003

HP柄 · Handpiece (HP)



500 104 006001 ...

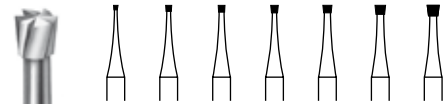
H52.104. ...

003

\odot_{\max} 100000 min⁻¹/rpm

窝沟的精细表面精修

Fine finishing of fissures



H 30



		5	5	5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	006	008	009	010	012	014	016
L	mm	0,5	0,9	1,0	1,1	1,2	1,4	1,6
美国编号		L33 1/2	L34	L34 1/2	L35	L36	L37	L38

HP柄 · Handpiece (HP)



500 104 010175 ...

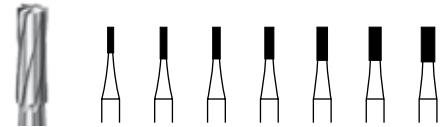
H30.104. ...

006 008 009 010 012 014 016

⊙_{max} 100000 min⁻¹/rpm

倒锥形

Inverted cone

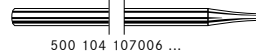


H 21



		5	5	5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	008	009	010	012	014	016	018
L	mm	3,4	4,2	4,2	4,2	4,4	4,4	4,6
美国编号		55	56	57	58	59	60	61

HP柄 · Handpiece (HP)



500 104 107006 ...

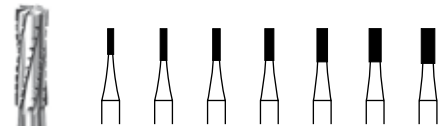
H21.104. ...

008 009 010 012 014 016 018

⊙_{max} 100000 min⁻¹/rpm

圆柱形

Cylinder



H 31



		5	5	5	5	5	5	5
尺寸 · Size	Ø 1/10 mm	008	009	010	012	014	016	018
L	mm	3,4	4,2	4,2	4,2	4,4	4,4	4,6
美国编号		555	556	557	558	559	560	561

HP柄 · Handpiece (HP)



500 104 107007 ...

H31.104. ...

008 009 010 012 014 016 018

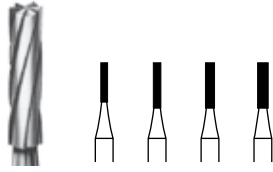
⊙_{max} 100000 min⁻¹/rpm

带有交错刃齿的圆柱形

Cylinder with cross cut



H 21 L



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014
L	mm	5,2	6,0	6,0	6,0
美国编号		56L	57L	58L	59L

HP柄 · Handpiece (HP)

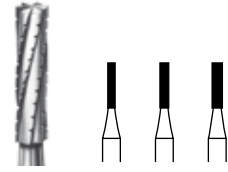


500 104 110006 ...

H21L.104. ... 009 010 012 014

⊙_{max} 100000 min⁻¹/rpm
长圆柱形
Cylinder long

H 31 L



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	014
L	mm	6,0	6,0	6,0
美国编号		557L	558L	559L

HP柄 · Handpiece (HP)

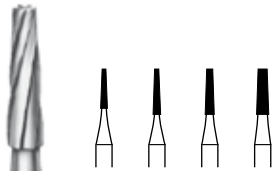


500 104 110007 ...

H31L.104. ... 010 012 014

⊙_{max} 100000 min⁻¹/rpm
带有交错刃齿的长圆柱形
Cylinder long with cross cut

H 23 L



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	016
L	mm	5,2	6,0	6,0	6,0
美国编号		169L	170L	171L	172L

HP柄 · Handpiece (HP)

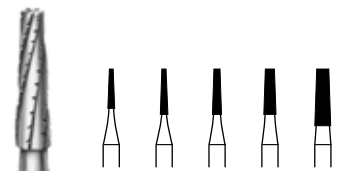


500 104 171006 ...

H23L.104. ... 009 010 012 016

⊙_{max} 100000 min⁻¹/rpm
长截锥形
Tapered long

H 33 L



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	016	021
L	mm	5,2	6,0	6,0	6,0	7,5
美国编号		699L	700L	701L	702L	703L

HP柄 · Handpiece (HP)

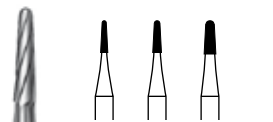


500 104 171007 ...

H33L.104. ... 009 010 012 016 021

⊙_{max} 100000 min⁻¹/rpm
带有交错刃齿的长截锥形
Tapered long with cross cut

H 23 R



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	016
L	mm	4,2	4,2	4,4
美国编号		1170	1171	1172

HP柄 · Handpiece (HP)

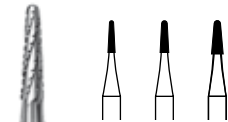


500 104 194006 ...

H23R.104. ... 010 012 016

⊙_{max} 100000 min⁻¹/rpm
带有圆头的截锥形
Tapered with round end

H 33 R



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	012	016
L	mm	4,2	4,2	4,4
美国编号		1700	1701	1702

HP柄 · Handpiece (HP)

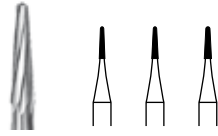


500 104 194007 ...

H33R.104. ... 010 012 016

⊙_{max} 100000 min⁻¹/rpm
带有圆头和交错刃齿的截锥形
Tapered with round end and cross cut

H 23 RS



		5	5	5
尺寸 · Size	∅ 1/10 mm	008	009	010
L	mm	4,2	4,2	4,2
美国编号		-	1169S	1170S

HP柄 · Handpiece (HP)

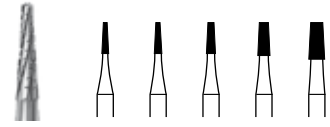


500 104 196006 ...

H23RS.104. ... 008 009 010

⊙_{max.} 100000 min⁻¹/rpm
圆头截锥形牙裂钻高效切割设计
Round end tapered fissure
High-efficiency cutting design

H 33



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	016	021
L	mm	4,2	4,2	4,2	4,4	4,8
美国编号		699	700	701	702	703

HP柄 · Handpiece (HP)

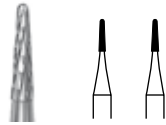


500 104 168007 ...

H33.104. ... 009 010 012 016 021

⊙_{max.} 100000 min⁻¹/rpm
截锥形带有交错刃齿
Tapered with cross cut

H 23 RSE



		5	5
尺寸 · Size	∅ 1/10 mm	009	010
L	mm	4,2	4,2

HP柄 · Handpiece (HP)

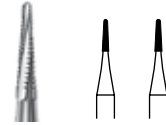


500 104 196019 ...

H23RSE.104. ... 009 010

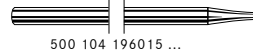
⊙_{max.} 100000 min⁻¹/rpm
带有圆头的截锥形带有横切刃齿的高效切割设计
Tapered with round end
High-efficiency cutting design with staggered toothing

H 33 FRS



		5	5
尺寸 · Size	∅ 1/10 mm	009	010
L	mm	4,2	4,2

HP柄 · Handpiece (HP)



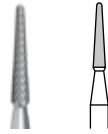
500 104 196015 ...

H33FRS.104. ... 009 010

⊙_{max.} 100000 min⁻¹/rpm
圆头截锥形牙裂钻特别适用于硬质金属合金合金带
有细交错刃齿的高效切割设计
Round end tapered fissure
Specially suited for hard metal alloys
High-efficiency cutting design with fine cross cut



● **H 136 ES**



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,5

HP柄 · Handpiece (HP)



● H136ES.104. ...	016
--------------------------	-----

⊙_{max} 100000 min⁻¹/rpm
不带精确的金属快速切割工作尖
Fissure bur for non-precious metal alloys and alloys
without precious metal
Fast cutting tip



H 349



		5
尺寸 · Size	∅ 1/10 mm	005
L	mm	2,7
D	∅ 1/10 mm	002

HP柄 · Handpiece (HP)

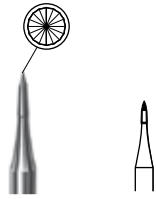


500 104 195072 ...

● H349.104. ...	005
------------------------	-----

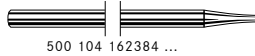
⊙_{max} 100000 min⁻¹/rpm
牙裂钻带有超细尖端的截锥形圆头
Fissure bur
Tapered round with extra fine tip

H 99



		5
尺寸 · Size	∅ 1/10 mm	008
L	mm	1,2
美国编号		1621

HP柄 · Handpiece (HP)



500 104 162384 ...

H99.104. ...

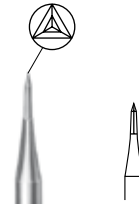
008

⊖_{max.} 100000 min⁻¹/rpm

陶瓷窝沟的精修和磨低

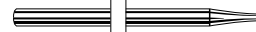
Smoothing and lowering of ceramic fissures

H 97



		5
尺寸 · Size	∅ 1/10 mm	010

HP柄 · Handpiece (HP)



500 104 468373 ...

H97.104. ...

010

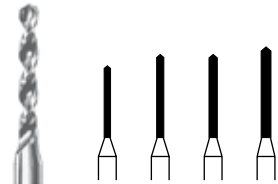
⊖_{max.} 100000 min⁻¹/rpm

三重刃齿楔形用于陶瓷咬合面的精细修磨

Three-edged wedge

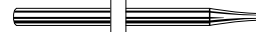
Fine trimming of ceramic occlusal surfaces

H 203



		1	1	1	1
尺寸 · Size	∅ 1/10 mm	009	010	012	014
L	mm	9,5	11,0	11,0	12,0

HP柄 · Handpiece (HP)



500 104 417364 ...

H203.104. ...

009

010

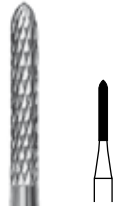
012

014

⊖_{max.} 100000 min⁻¹/rpm

麻花钻

Twist drill



H 283 E



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	8,0

HP柄 · Handpiece (HP)

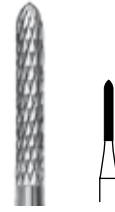


500 104 289080 ...

H283E.104. ...

012

○_{max} 100000 min⁻¹/rpm
带有交错刃齿的鱼雷形
Torpedo with staggered tootthing



H 283 EF



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	8,0

HP柄 · Handpiece (HP)



500 104 289140 ...

H283EF.104. ...

012

○_{max} 100000 min⁻¹/rpm
带有细交错刃齿的鱼雷形
Torpedo with fine staggered tootthing



H 42



		5	5
尺寸 · Size	∅ 1/10 mm	018	023
L	mm	1,7	2,8

HP柄 · Handpiece (HP)



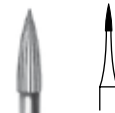
500 104 010133 ...

H42.104. ...

018

023

○_{max} 100000 min⁻¹/rpm
倒锥形
Inverted cone

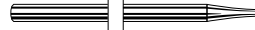


H 246



		5
尺寸 · Size	∅ 1/10 mm	009
L	mm	3,7
美国编号		7901

HP柄 · Handpiece (HP)

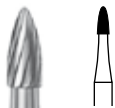


500 104 496071 ...

H246.104. ...

009

○_{max} 100000 min⁻¹/rpm
针形咬合面的细微修整
Needle
Fine trimming of occlusal surfaces



H 390



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	3,5

HP柄 · Handpiece (HP)

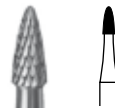


500 104 274072 ...

H390.104. ...

016

○_{max} 100000 min⁻¹/rpm
圆头火焰形
Round end flame



H 390 EF



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	3,5

HP柄 · Handpiece (HP)



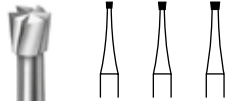
500 104 274140 ...

H390EF.104. ...

016

○_{max} 100000 min⁻¹/rpm
圆头火焰形，带有细交错刃齿的圆形尖端
Round end flame with rounded tip and fine staggered tootthing

H 30



		5	5	5
尺寸 · Size	∅ 1/10 mm	008	010	012
L	mm	0,9	1,1	1,2
美国编号		L34	L35	L36

FG · Friction Grip (FG)

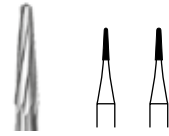


500 314 010175 ...

H30.314. ... 008 010 012

倒锥形
Inverted cone

H 23 RS



		5	5
尺寸 · Size	∅ 1/10 mm	009	010
L	mm	4,2	4,2
美国编号		1169S	1170S

FG · Friction Grip (FG)

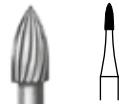


500 314 196006 ...

H23RS.314. ... 009 010

圆头截锥形高效切割设计
Tapered with round end
High-efficiency cutting design

H 46



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	3,5
美国编号		7102

FG · Friction Grip (FG)

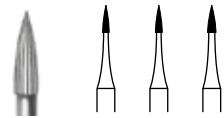


500 314 254072 ...

H46.314. ... 012

火焰形
合面的细微修整
Flame
Trimming of occlusal surfaces

H 246



		5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012
L	mm	3,6	3,6	3,6
美国编号		7901	7902	7903

FG · Friction Grip (FG)



500 314 496071 ...

H246.314. ... 009 010 012

针形咬合面修整12刃
Needle
Trimming of occlusal surfaces
12 blades



H 246 D



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	6,0

FG · Friction Grip (FG)



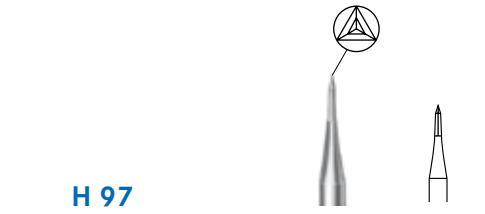
500 314 496072 ...

H246D.314. ... 014

针形咬合面修整8刃

Needle

Trimming of occlusal surfaces
8 blades



H 97



		5
尺寸 · Size	∅ 1/10 mm	010

FG · Friction Grip (FG)



500 314 468373 ...

H97.314. ... 010

三重刃齿楔形用于陶瓷咬合面的精细修磨

Three-edged wedge

Fine trimming of ceramic occlusal surfaces



H 97 A



		5
尺寸 · Size	∅ 1/10 mm	011

FG · Friction Grip (FG)



H97A.314. ... 011

方形用于陶瓷咬合面的精细修磨

Square

Fine work on ceramic occlusal surfaces



H 97 B



		5
尺寸 · Size	∅ 1/10 mm	011

FG · Friction Grip (FG)



H97B.314. ... 011

六边形用于陶瓷咬合面的精细修磨

Hexagon

Fine work on ceramic occlusal surfaces



H 97 BZ



		5
尺寸 · Size	∅ 1/10 mm	011

FG · Friction Grip (FG)



H97BZ.314. ... 011

∅_{max} 300000 min⁻¹/rpm

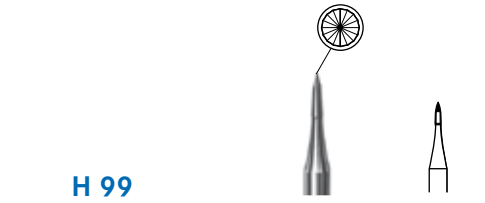
精细的工作于全瓷的咬合面

非常耐用

Hexagonal

Fine work on occlusal surfaces made of ceramics

Very durable



H 99



		5
尺寸 · Size	∅ 1/10 mm	008
L	mm	1,2
美国编号		1621

FG · Friction Grip (FG)



500 314 162384 ...

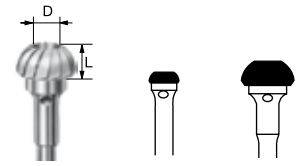
H99.314. ... 008

陶瓷窝沟的精细修磨和磨低

Smoothing and lowering of ceramic fissures



H 98



		5	5
尺寸 · Size	Ø 1/10 mm	040	070
L	mm	1,6	3,3
D	Ø 1/10 mm	2,4	2,5

HP柄 · Handpiece (HP)



500 104 547211 ...

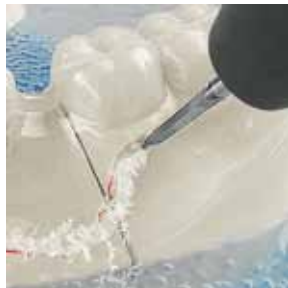
H98.104. ...

■040

◆070

◆ = \odot_{\max} 30000 min⁻¹/rpm
 ■ = \odot_{\max} 100000 min⁻¹/rpm

代型钉入路切割器械
 Dowel pin access cutter

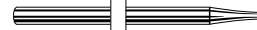


H 219



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 468211 ...

H219.104. ...

023

\odot_{\max} 100000 min⁻¹/rpm

咬合保持器用真空式丙烯酸树脂切割器械
 Vacuum form acrylic cutter for bite splints

H 219 A



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 468133 ...

H219A.104. ...

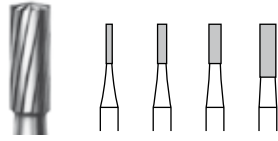
023

\odot_{\max} 100000 min⁻¹/rpm

咬合保持器用真空式丙烯酸树脂切割器械
 Vacuum form acrylic cutter for bite splints



H 259



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	010	014	018	023
L	mm	5,2	5,2	5,2	7,0

HP柄 · Handpiece (HP)



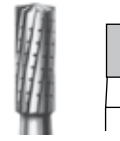
500 104 107175 ...

H259.104. ... 010 014 018 023

⊙_{max} 100000 min⁻¹/rpm

圆柱形
Cylinder

H 260



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	7,0

HP柄 · Handpiece (HP)



500 104 107176 ...

H260.104. ... 023

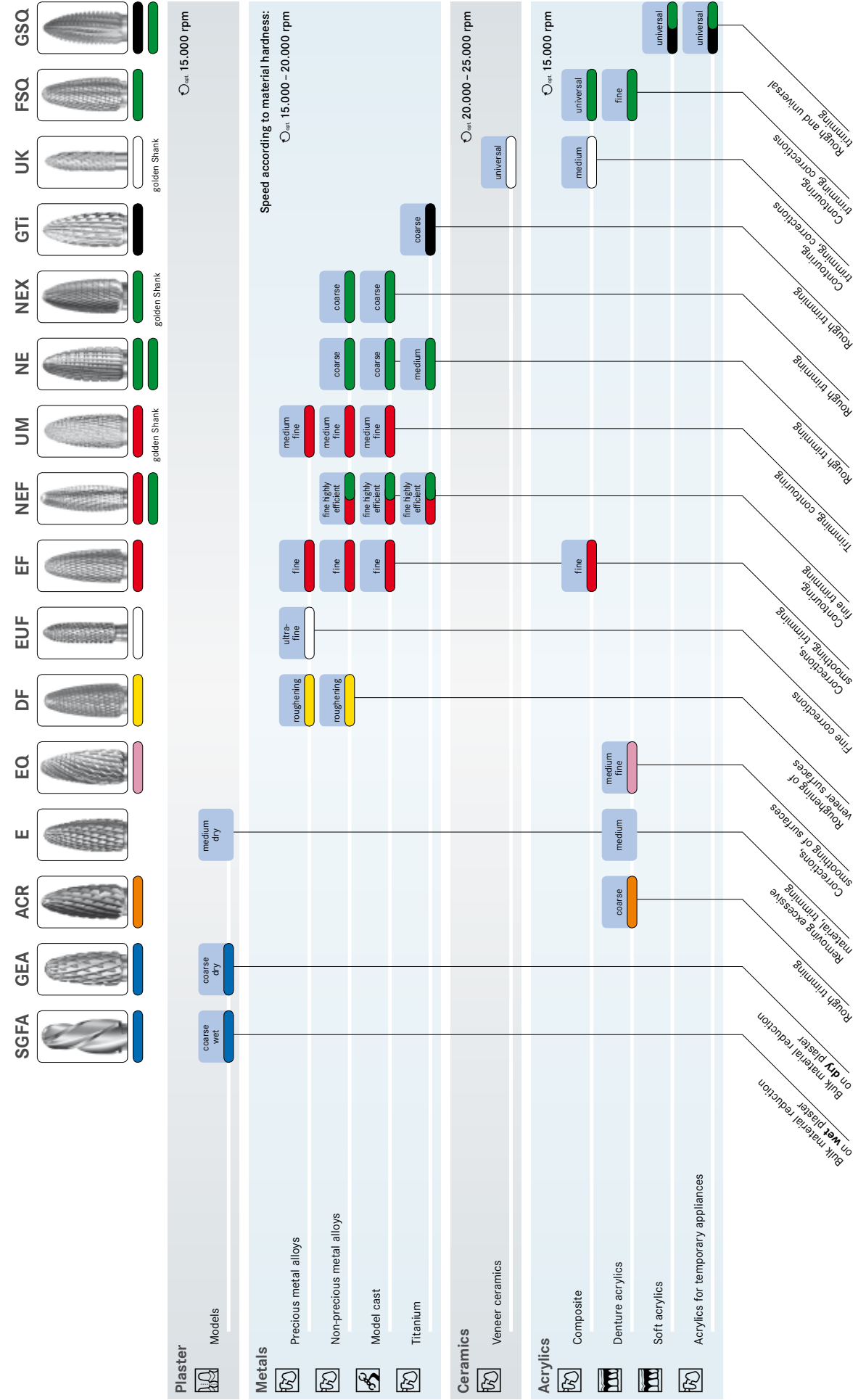
⊙_{max} 100000 min⁻¹/rpm

横切刃齿圆柱形
Cross cut cylinder



Compass | TC cutter

Recommendations for efficient use of tungsten carbide cutters in freehand cutting





SGFA-磨头

SGFA-Cutters

Working on plaster with SGFA cutters

Advantages:

- Bulk material reduction without clogging
- Very smooth surfaces
- Low vibration during operation, thanks to the bevelled blades
- Safety toothing with a twist to the left for better fixation of the cutter in the chuck

Recommended speed:

⊖_{opt.} 15,000 rpm

SGFA磨头工作于塑料材质

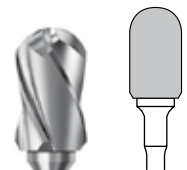
优点：

- 清除大量的材料，没有阻塞
- 表面非常平滑
- 操作时振动很低，多谢锥形刀片
- 为了更好的定位磨头，将安全锯齿拧到左边

建议转速：

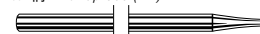
⊖_{opt.} 每分钟15,000转

● H 72 SGFA



		5
尺寸 · Size	∅ 1/10 mm	070
L	mm	12,0

HP柄 · Handpiece (HP)



● H72SGFA.104. ...

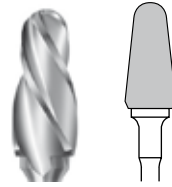
070

⊖_{max.} 30000 min⁻¹/rpm

带有左向旋转的安全刃齿打磨操作

Safety toothing with a twist to the left

Work on plaster

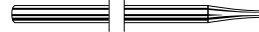


● **H 79 SGFA**



		5
尺寸 · Size	∅ 1/10 mm	070
L	mm	14,0

HP柄 · Handpiece (HP)



● H79SGFA.104. ...	070
---------------------------	------------

⊖_{max.} 30000 min⁻¹/rpm

带有左向旋转的安全刃齿打磨操作
Safety toothing with a twist to the left
Work on plaster

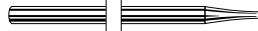


● **H 251 SGFA**



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

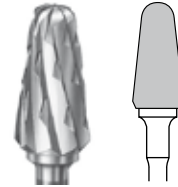
HP柄 · Handpiece (HP)



● H251SGFA.104. ...	060
----------------------------	------------

⊖_{max.} 50000 min⁻¹/rpm

带有左向旋转的安全刃齿用于石膏
Safety toothing with a twist to the left
Work on plaster



● **H 79 SGFA**



		5
尺寸 · Size	∅ 1/10 mm	070
L	mm	14,0

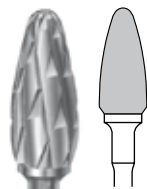
HP柄 · Handpiece (HP)



● H79SGFA.104. ...	070
---------------------------	------------

⊖_{max.} 30000 min⁻¹/rpm

带有左向旋转的安全刃齿打磨操作
Safety toothing with a twist to the left
Work on plaster

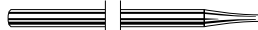


● **H 251 SGFA**



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

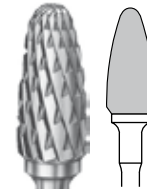
HP柄 · Handpiece (HP)



● H251SGFA.104. ...	060
----------------------------	------------

⊖_{max.} 50000 min⁻¹/rpm

带有左向旋转的安全刃齿打磨操作
Safety toothing with a twist to the left
Work on plaster

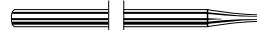


● **H 251 GEA**



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



● H251GEA.104. ...	060
---------------------------	------------

⊖_{max.} 50000 min⁻¹/rpm

带有左向旋转的安全刃齿打磨石膏和丙烯酸树脂
Safety toothing with a twist to the left
Work on plaster and acrylics



ACR-磨头

ACR-Cutters

The special feature of this new, coarse cutter for acrylics is its specially designed staggered toothing. The intermediate size of the staggered toothing, i.e. right inbetween coarse and medium, makes the instrument ideally suitable for prosthetic acrylics. The name ACR stands for acrylic based materials. The cutter is very sharp, yet easy to guide without tendency to catch the surface. The result: strain-free, pleasant work and great results.

Advantages:

- Excellent cutting efficiency
- Easy to control
- Pleasant to work with

Recommended speed:

☉_{opt.} 15,000 rpm

这款新型磨头的特点是，粗糙的磨头用于丙烯酸，尤其是其锯齿的设计。适中的锯齿尺寸，例如，介于粗齿轮的右边和中间部分，使得该器械特别适用于丙烯酸义齿。ACR的命名意味着以丙烯酸材料为基础。该磨头非常锋利，非常容易引导但不接触表面。结果是：无压力，愉快的工作和非凡的处理结果。

优点：

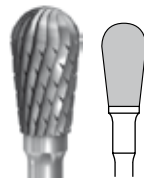
- 出色的切割效率
- 极易控制
- 愉快的工作

建议转速：

☉_{opt.} 每分钟15,000转



● H 77 ACR



		☉	5
尺寸 · Size	∅ 1/10 mm		060
L	mm		11,0

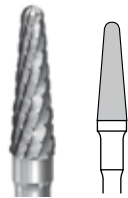
HP柄 · Handpiece (HP)



● H77ACR.104. ... 060

☉_{max.} 50000 min⁻¹/rpm
用于义齿丙烯酸树脂的专用磨头
Special cutter for denture acrylics

● H 79 ACR



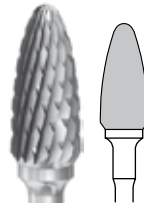
		☉	5
尺寸 · Size	∅ 1/10 mm		040
L	mm		13,0

HP柄 · Handpiece (HP)



● H79ACR.104. ... 040

☉_{max.} 100000 min⁻¹/rpm
用于义齿丙烯酸树脂的专用磨头
Special cutter for denture acrylics



● **H 251 ACR**



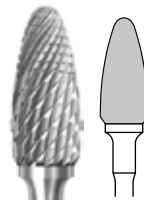
		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



● **H251ACR.104. ...** 060

○_{max.} 50000 min⁻¹/rpm
义齿用丙烯酸树脂专用磨头
Special cutter for denture acrylics

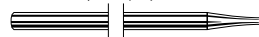


● **H 251 EQ**



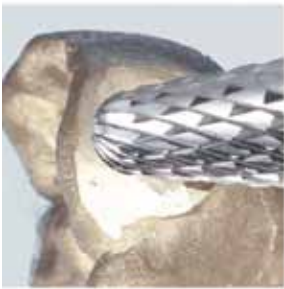
		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



● **H251EQ.104. ...** 060

○_{max.} 50000 min⁻¹/rpm
用于丙烯酸树脂的双功能磨头粗刃齿，尖端带有细刃齿
Dual cutter for acrylic materials
Coarse tooting with fine tooting at the tip



E-齿轮

E-Toothing

Tungsten Carbide Cutters with E-toothing

Cutters with staggered tothing are precision tools with great cutting power.

Characteristics and advantages:

- High number of blades of Komet Cutters with staggered tothing ensure long service life
- Universal tothing with offset blades
- Suitable for work on metal alloys, acrylics and plaster
- Short, grainy metal chips that do not penetrate the skin
- Cutters with staggered tothing allow ergonomic work

Recommended speed:

Precious metal:

○_{opt.} 25,000 rpm

Non-precious metal:

○_{opt.} 15,000 rpm

Acrylics:

○_{opt.} 15,000 rpm

Plaster:

○_{opt.} 15,000 rpm

带有E齿轮的钨钢磨头

带有锯齿的磨头，是精确和非凡切割动力的工具

特点和优点：

- 高数量的刀片，带有锯齿的Komet磨头确保使用寿命长
- 通用的齿轮带代偿刀片
- 适用于金属合金，丙烯酸和塑料
- 短型，研磨金属碎片但不会穿透皮肤
- 带锯齿的磨头，符合人体工程学

建议转速：

贵金属：

○_{opt.} 每分钟25,000转

非贵金属：

○_{opt.} 每分钟15,000转

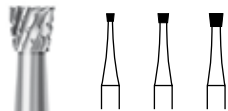
丙烯酸

○_{opt.} 每分钟15,000转

塑料：

○_{opt.} 每分钟15,000转

H 30 E



尺寸 · Size	Ø 1/10 mm	010	014	018
L	mm	1,1	1,4	1,7

HP柄 · Handpiece (HP)



500 104 010190 ...

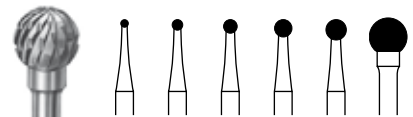
H30E.104. ...

010 014 018

○_{max.} 100000 min⁻¹/rpm

用于丙烯酸树脂和金属合金
For acrylics and metal alloys

H 71 E



尺寸 · Size	Ø 1/10 mm	010	014	018	023	027	050
-----------	-----------	-----	-----	-----	-----	-----	-----

HP柄 · Handpiece (HP)



500 104 001190 ...

H71E.104. ...

010 014 018 023 027 050

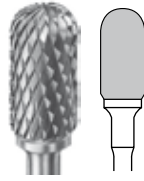
◆ = ○_{max.} 80000 min⁻¹/rpm

■ = ○_{max.} 100000 min⁻¹/rpm

用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys



H 72 E



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	12,0

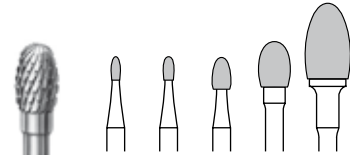
HP柄 · Handpiece (HP)



500 104 137190 ...

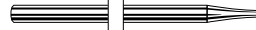
H72E.104. ... 060

H 73 E



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	023	040	060
L	mm	2,9	3,1	4,2	6,0	10,0

HP柄 · Handpiece (HP)



500 104 277190 ...

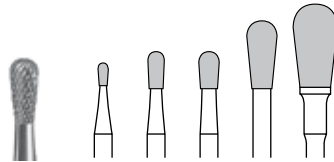
H73E.104. ... 012 014 023 040 060

402

◇ = \odot_{max} 50000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

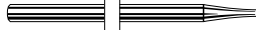
◇ = \odot_{max} 50000 min⁻¹/rpm
■ = \odot_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

H 77 E



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	014	023	029	040	060
L	mm	2,9	5,0	5,0	9,0	11,0

HP柄 · Handpiece (HP)

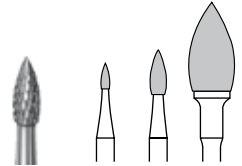


500 104 237190 ...

H77E.104. ... 014 023 029 040 060

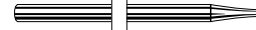
◇ = \odot_{max} 50000 min⁻¹/rpm
■ = \odot_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

H 78 E



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	023	060
L	mm	3,5	6,0	12,0

HP柄 · Handpiece (HP)

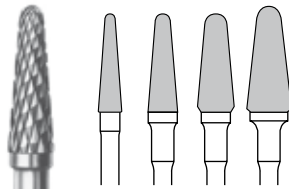


500 104 257190 ...

H78E.104. ... 012 023 060

◇ = \odot_{max} 50000 min⁻¹/rpm
■ = \odot_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

H 79 E



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	031	040	050	060
L	mm	13,0	13,0	13,0	14,0

直角 · Right-angle (RA)

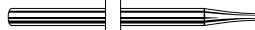


500 204 194190 ...

H79E.204. ...

- ■040 - -

HP柄 · Handpiece (HP)



500 104 194190 ...

H79E.104. ...

◆031 ■040 ◆050 ◇060

◇ = \odot_{max} 50000 min⁻¹/rpm

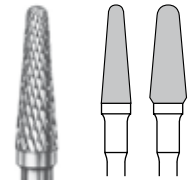
◆ = \odot_{max} 80000 min⁻¹/rpm

■ = \odot_{max} 100000 min⁻¹/rpm

用于丙烯酸树脂、石膏和金属合金

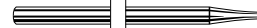
For acrylics, plaster and metal alloys

H 79 EA



		5	5
尺寸 · Size	∅ 1/10 mm	040	050
L	mm	13,0	13,0

HP柄 · Handpiece (HP)



500 104 194194 ...

H79EA.104. ...

■040 ◆050

◆ = \odot_{max} 80000 min⁻¹/rpm

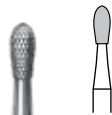
■ = \odot_{max} 100000 min⁻¹/rpm

带有左向旋转的安全刃齿用于丙烯酸树脂、石膏和金属合金

Safety toothing with a twist to the left

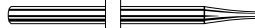
For acrylics, plaster and metal alloys

H 88 E



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	5,0

HP柄 · Handpiece (HP)



500 104 276190 ...

H88E.104. ...

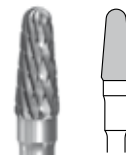
023

\odot_{max} 100000 min⁻¹/rpm

用于石膏和金属合金

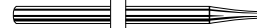
For plaster and metal alloys

H 89 E



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	9,5

HP柄 · Handpiece (HP)



H89E.104. ...

040

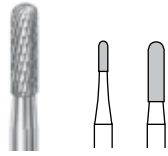
\odot_{max} 100000 min⁻¹/rpm

用于丙烯酸树脂、石膏和金属合金

For acrylics, plaster and metal alloys



H 129 E



			5	5
尺寸 · Size	∅ 1/10 mm	014	023	
L	mm	4,0	8,0	

HP柄 · Handpiece (HP)



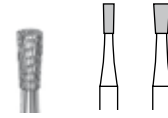
500 104 141190 ...

H129E.104. ...

014 023

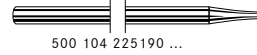
○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

H 137 E



			5	5
尺寸 · Size	∅ 1/10 mm	016	023	
L	mm	4,0	5,0	

HP柄 · Handpiece (HP)



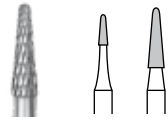
500 104 225190 ...

H137E.104. ...

016 023

○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys

H 138 E



			5	5
尺寸 · Size	∅ 1/10 mm	014	023	
L	mm	4,0	8,0	

直角 · Right-angle (RA)



500 204 198190 ...

H138E.204. ...

- 023

HP柄 · Handpiece (HP)



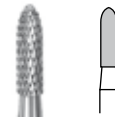
500 104 198190 ...

H138E.104. ...

014 023

○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

H 139 E



			5	
尺寸 · Size	∅ 1/10 mm	023		
L	mm	8,0		

HP柄 · Handpiece (HP)



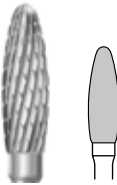
500 104 289190 ...

H139E.104. ...

023

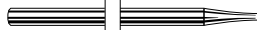
○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys

H 250 E



			5	
尺寸 · Size	∅ 1/10 mm	040		
L	mm	12,7		

HP柄 · Handpiece (HP)



500 104 275190 ...

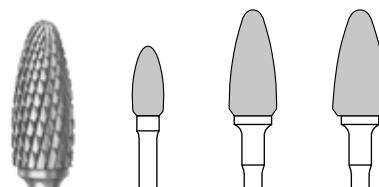
H250E.104. ...

040

○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys



H 251 E



		5	5	5
尺寸 · Size	∅ 1/10 mm	040	060	070
L	mm	9,0	14,0	14,0

直角 · Right-angle (RA)



500 204 274190 ...

H251E.204. ...

HP柄 · Handpiece (HP)



500 104 274190 ...

H251E.104. ...

■040 ◇060 ◆070

◆ = ∅_{max} 30000 min⁻¹/rpm

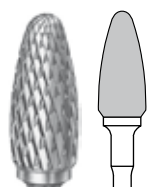
◇ = ∅_{max} 50000 min⁻¹/rpm

■ = ∅_{max} 100000 min⁻¹/rpm

用于丙烯酸树脂、石膏和金属合金

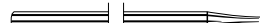
For acrylics, plaster and metal alloys

H 251 EA



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



500 104 274194 ...

H251EA.104. ...

060

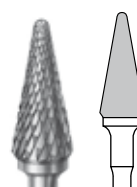
∅_{max} 50000 min⁻¹/rpm

带有左向旋转的安全刃齿用于石膏和丙烯酸树脂

Safety tothing with left-hand twist

Work on plaster and acrylics

H 257 RE



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



500 104 201190 ...

H257RE.104. ...

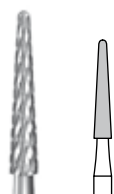
060

∅_{max} 50000 min⁻¹/rpm

用于丙烯酸树脂、石膏和金属合金

For acrylics, plaster and metal alloys

H 261 E



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 194190 ...

H261E.104. ...

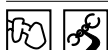
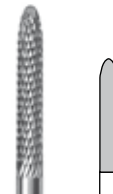
023

∅_{max} 100000 min⁻¹/rpm

用于丙烯酸树脂、石膏和金属合金

For acrylics, plaster and metal alloys

H 295 E



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	15,0

HP柄 · Handpiece (HP)



500 104 292190 ...

H295E.104. ...

023

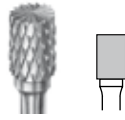
∅_{max} 100000 min⁻¹/rpm

用于丙烯酸树脂、石膏和金属合金

For acrylics, plaster and metal alloys



H 296 E



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	6,0

HP柄 · Handpiece (HP)



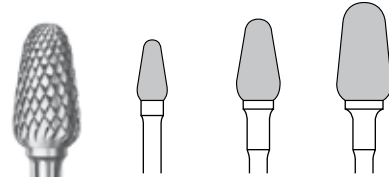
500 104 110190 ...

H296E.104. ...

040

○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

H 351 E



		5	5	5
尺寸 · Size	∅ 1/10 mm	040	060	070
L	mm	8,0	11,0	13,0

直角 · Right-angle (RA)



500 204 263190 ...

H351E.204. ...

-

∅060

-

HP柄 · Handpiece (HP)



500 104 263190 ...

H351E.104. ...

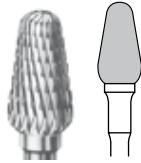
040

∅060

∅070

◆ = ○_{max} 30000 min⁻¹/rpm
◇ = ○_{max} 50000 min⁻¹/rpm
■ = ○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys

H 351 EA



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	11,0

HP柄 · Handpiece (HP)



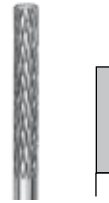
500 104 263194 ...

H351EA.104. ...

060

○_{max} 50000 min⁻¹/rpm
带有左向旋转的安全刃齿打磨石膏和丙烯酸树脂
Safety toothing with a twist to the left
Work on plaster and acrylics

H 364 E



		1
尺寸 · Size	∅ 1/10 mm	023
L	mm	15,0

HP柄 · Handpiece (HP)



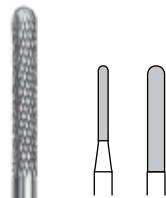
500 104 116190 ...

H364E.104. ...

023

○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys

H 364 RE



		5	5
尺寸 · Size	∅ 1/10 mm	015	023
L	mm	10,0	15,0

HP柄 · Handpiece (HP)



500 104 137190 ...

H364RE.104. ...

015

023

○_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys



EF-锉齿

EF-Toothing

精细锉齿齿轮 (EF)

Fine Staggered Toothing (EF)

精细锉齿齿轮的金属合金，丙烯酸和塑料的抛光。

Fine staggered toothing for finishing metal alloys, acrylics and plaster.

Advantages:

- High number of blades for super precise finishing
- Short, granular chips
- Smooth cutting with very little pressure applied
- Smooth surfaces reduce the time needed for further polishing

优势：

- 大量的刀片有利于超级精细抛光
- 短型，碎颗粒
- 平滑的切割带非常小的压力
- 平滑的表面减少工作时间和进一步的抛光

建议转速：

贵金属：

○_{opt.} 每分钟25,000转

非贵金属：

○_{opt.} 每分钟15,000转

丙烯酸：

○_{opt.} 每分钟15,000转

塑料：

○_{opt.} 每分钟15,000转

Recommended speed:

Precious metal:

○_{opt.} 25,000 rpm

Non-precious metal:

○_{opt.} 15,000 rpm

Acrylics:

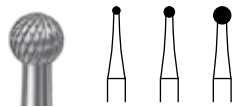
○_{opt.} 15,000 rpm

Plaster:

○_{opt.} 15,000 rpm



H 71 EF



		5	5	5
尺寸 · Size	Ø 1/10 mm	010	014	023

HP柄 · Handpiece (HP)



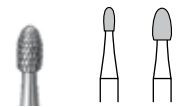
500 104 001140 ...

H71EF.104. ...

010 014 023

○_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys

H 73 EF



		5	5
尺寸 · Size	Ø 1/10 mm	014	023
L	mm	3,1	4,2

HP柄 · Handpiece (HP)

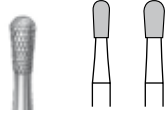


500 104 277140 ...

H73EF.104. ...

014 023

○_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys

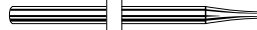


● **H 77 EF**



		5	5
尺寸 · Size	∅ 1/10 mm	023	029
L	mm	5,0	5,0

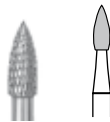
HP柄 · Handpiece (HP)



500 104 237 140 ...

●	H77EF.104. ...	023	029
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⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys

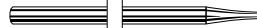


● **H 78 EF**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	6,0

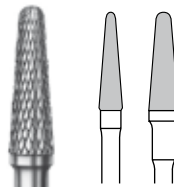
HP柄 · Handpiece (HP)



500 104 257 140 ...

●	H78EF.104. ...	023
---	-----------------------	-----

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



● **H 79 EF**



		5	5
尺寸 · Size	∅ 1/10 mm	031	040
L	mm	13,0	13,0

直角 · Right-angle (RA)



500 204 194 140 ...

●	H79EF.204. ...	-	040
---	-----------------------	---	-----

HP柄 · Handpiece (HP)



500 104 194 140 ...

●	H79EF.104. ...	031	040
---	-----------------------	-----	-----

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



H 88 EF



	5
尺寸 · Size	∅ 1/10 mm 023
L	mm 5,0



H88EF.104. ... **023**

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



H 89 EF



	5
尺寸 · Size	∅ 1/10 mm 040
L	mm 9,5



H89EF.104. ... **040**

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



H 129 EF



	5
尺寸 · Size	∅ 1/10 mm 023
L	mm 8,0



H129EF.104. ... **023**

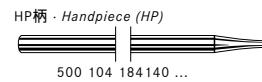
⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



H 136 EF



	5
尺寸 · Size	∅ 1/10 mm 016
L	mm 8,0



H136EF.104. ... **016**

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



H 137 EF



	5
尺寸 · Size	∅ 1/10 mm 023
L	mm 5,0



H137EF.104. ... **023**

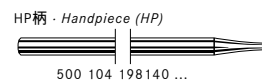
⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



H 138 EF



	5	5
尺寸 · Size	∅ 1/10 mm 018 023	
L	mm 6,0	8,0



H138EF.104. ... **018** **023**

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



500 104 289140 ...

H139EF.104. ... 023

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



尺寸 · Size	Ø 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



500 104 274140 ...

H251EF.104. ... 060

⊙_{max.} 50000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 187140 ...

H257EF.104. ... 023

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 201140 ...

H257REF.104. ... 023

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

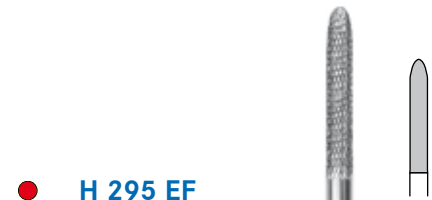
HP柄 · Handpiece (HP)



500 104 194140 ...

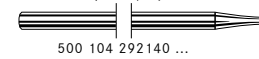
H261EF.104. ... 023

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



尺寸 · Size	Ø 1/10 mm	023
L	mm	15,0

HP柄 · Handpiece (HP)



500 104 292140 ...

H295EF.104. ... 023

⊙_{max.} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys

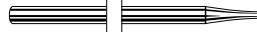


● **H 351 EF**



		5	5
尺寸 · Size	∅ 1/10 mm	040	060
L	mm	8,0	11,0

HP柄 · Handpiece (HP)



500 104 263140 ...

● **H351EF.104. ...** 040 060

◇ = \odot_{\max} 50000 min⁻¹/rpm

■ = \odot_{\max} 100000 min⁻¹/rpm

用于丙烯酸树脂和金属合金

For acrylics and metal alloys



○ **H 73 EUF**



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	3,1

HP柄 · Handpiece (HP)



500 104 277110 ...

○ **H73EUF.104. ...** 014

\odot_{\max} 100000 min⁻¹/rpm

用于贵金属合金超细的交错刃齿

For precious metal alloys

Ultra fine staggered toothing



○ **H 139 EUF**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



500 104 289110 ...

○ **H139EUF.104. ...** 023

\odot_{\max} 100000 min⁻¹/rpm

用于贵金属合金超细的交错刃齿

For precious metal alloys

Ultra fine staggered toothing



GTi-磨头

GTi-Cutters

GTi Tungsten Carbide Cutters

The highly efficient specialists for cutting titanium and other nonprecious metals.

Advantages:

- Rapid bulk reduction
- Long service life
- Specifically adapted shapes and sizes

Recommended speed:

○_{opt.} 15,000 rpm

(Increased speed will damage the instrument blades and lead to spark generation when working on titanium)

GTi 钨钢磨头

高效的切割钛和其他非贵金属

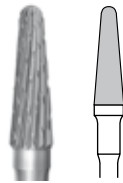
优点：

- 迅速大量的切割
- 使用寿命长
- 特别合适的形状和尺寸

建议转速：

○_{opt.} 每分钟15,000转

(提高速度会损伤器械刀片和导致工作于钛材料时产生火花)



● H 79 GTi



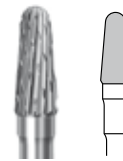
		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

HP柄 · Handpiece (HP)



● H79GTI.104. ... 040

○_{max.} 100000 min⁻¹/rpm
用于钛金属和非贵金属
For titanium and non-precious metals



● H 89 GTi



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	9,0

HP柄 · Handpiece (HP)

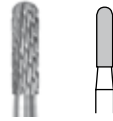


● H89GTI.104. ... 040

○_{max.} 100000 min⁻¹/rpm
用于钛金属和非贵金属
For titanium and non-precious metals



● **H 129 GTi**



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

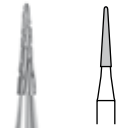
HP柄 · Handpiece (HP)



● **H129GTI.104. ...** 023

○_{max} 100000 min⁻¹/rpm
用于钛金属和非贵金属
For titanium and non-precious metals

● **H 136 GTi**



		5
尺寸 · Size	Ø 1/10 mm	016
L	mm	8,0

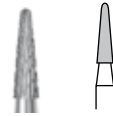
HP柄 · Handpiece (HP)



● **H136GTI.104. ...** 016

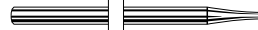
○_{max} 100000 min⁻¹/rpm
用于钛金属和非贵金属
For titanium and non-precious metals

● **H 138 GTi**



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

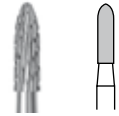
HP柄 · Handpiece (HP)



● **H138GTI.104. ...** 023

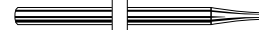
○_{max} 100000 min⁻¹/rpm
用于钛金属和非贵金属
For titanium and non-precious metals

● **H 139 GTi**



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

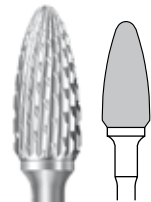
HP柄 · Handpiece (HP)



● **H139GTI.104. ...** 023

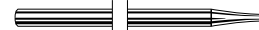
○_{max} 100000 min⁻¹/rpm
用于钛金属和非贵金属
For titanium and non-precious metals

● **H 251 GTi**



		5
尺寸 · Size	Ø 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



● **H251GTI.104. ...** 060

○_{max} 50000 min⁻¹/rpm
用于钛金属和非贵金属
For titanium and non-precious metals



NEX磨头 - 下一代非贵金属合金和铸造支架专用磨头

NEX Cutters - The next generation

The new NEX toothing exclusive to Komet is an enhanced version of our successful NE toothing and combines effective substance removal, long service life and a perfect surface quality. These cutters are predominantly used for non-precious metal alloys and model cast alloys.

What's more, the NEX toothing allows smooth and ergonomic work without fatigue. Thanks to their golden shank with laser marking and its green ring, NEX cutters can easily be identified amongst our other NEM cutters.

Advantages:

- Maximum substance removal
- Allows tactile work thanks to smooth operation
- Smooth surfaces
- Extremely durable

新型的NEX齿轮磨头是Komet独有的，NE齿轮磨头升级版。结合高效清除牙本质，使用寿命长和完美表面质量的特点。这些磨头主要应用于非贵金属合金和合金模型。

更多的是，NEX齿轮可以轻松实现平滑和符合人体工程学的工作。多谢它们带有激光标记的金杆手柄和绿环。NEX磨头能够清楚的区别于其他磨头。

优点：

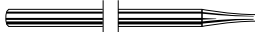
- 最大化清除牙本质
- 实现有触觉的工作，多谢平滑的操作
- 平滑的表面
- 非常耐用

H 73 NEX



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	3,1

HP柄 · Handpiece (HP)



H73NEX.104. ...

014

○_{max} 100000 min⁻¹/rpm

用于非贵金属，贵金属和铸造支架合金

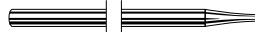
For non-precious metal, precious metal and model cast alloys

H 77 NEX



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	5,0

HP柄 · Handpiece (HP)



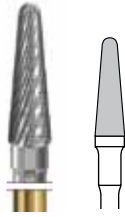
H77NEX.104. ...

023

○_{max} 100000 min⁻¹/rpm

用于非贵金属，贵金属和铸造支架合金

For non-precious metal, precious metal and model cast alloys



● **H 79 NEX**



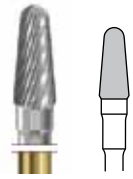
		5
尺寸 · Size	Ø 1/10 mm	040
L	mm	13,0

HP柄 · Handpiece (HP)



● **H79NEX.104. ...** 040

○_{max} 100000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



● **H 89 NEX**



		5
尺寸 · Size	Ø 1/10 mm	040
L	mm	9,0

HP柄 · Handpiece (HP)



● **H89NEX.104. ...** 040

○_{max} 100000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

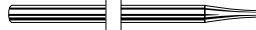


● **H 129 NEX**



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



● **H129NEX.104. ...** 023

○_{max} 100000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

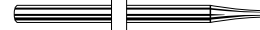


● **H 138 NEX**



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



● **H138NEX.104. ...** 023

○_{max} 100000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



● H 139 NEX



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)

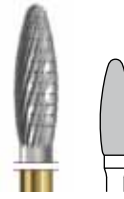


● H139NEX.104. ...

023

○_{max.} 100000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

● H 250 NEX



		5
尺寸 · Size	Ø 1/10 mm	040
L	mm	12,7

HP柄 · Handpiece (HP)



● H250NEX.104. ...

040

○_{max.} 100000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

● H 251 NEX



		5
尺寸 · Size	Ø 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



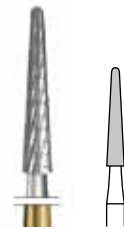
● H251NEX.104. ...

060

○_{max.} 50000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

new

● H 261 NEX



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



● H261NEX.104. ...

023

○_{max.} 100000 min⁻¹/rpm
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



NE/NEF-磨头

NE/NEF-Cutters

Special cutter for Non-Precious Metal Alloys

Komet has developed two types of toothings that are ideally suited for work on non-precious metal alloys and alloys totally free of precious metal.

The impressive appearance of these new NE cutters gives the user a first idea of their extraordinary performance. Thanks to their unique, aggressive blade design and their excellent sharpness, these instruments are capable of efficient substance removal.

The newly developed NEF cutters allow ergonomic work without fatigue, thanks to their specially designed, nick-free cutting tips. Their operation is smooth, almost free of vibration and particularly pleasant because due to their shape, the chips produced by this cutter are virtually harmless. The NEF cutter is predominantly used whenever smooth, easy to polish surfaces are to be achieved.

The advantages at a glance:

- Effective substance removal
- Saves time and money
- Extremely durable

Recommended speed:

☉_{opt.} 20,000 rpm

特殊磨头用于非贵金属合金

Komet已经研发出了两种齿轮，理想适用于非贵金属合金和合金，完全不含贵金属的磨头。

这些新型的NE磨头具有令人映像深刻的外表，给使用者第一印象就是它们不寻常的工作表现。感谢独一无二，锋利的刀片设计使它们锋利无比，这些器械有能力有效清除牙本质。

这些最新研发的NEF磨头轻松的实现符合人体工程学的工作，多谢它们的特殊设计。操作时平滑，几乎没有振动，特别舒适。因为它们的形状，工作时产生的碎屑实际上是无害的。NEF磨头被使用的主要原因是能够轻松做出平滑的抛光表面。

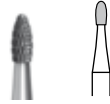
看一眼优点：

- 有效清除牙本质
- 节省时间和金钱
- 及其耐用

建议转速：

☉_{opt.} 最佳转速为每分钟20,000转





●● H 73 NE



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	3,1

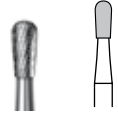
HP柄 · Handpiece (HP)



●● H73NE.104. ... 014

⊙_{max.} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨
For gross reduction of non-precious metal alloys



●● H 77 NE



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	5,0

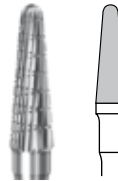
HP柄 · Handpiece (HP)



●● H77NE.104. ... 023

⊙_{max.} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨
For gross reduction of non-precious metal alloys



●● H 79 NE



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

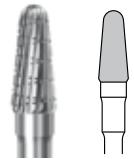
HP柄 · Handpiece (HP)



●● H79NE.104. ... 040

⊙_{max.} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨
For gross reduction of non-precious metal alloys



●● H 89 NE



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	9,0

HP柄 · Handpiece (HP)



●● H89NE.104. ... 040

⊙_{max.} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨
For gross reduction of non-precious metal alloys





● ● H 129 NE



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



● ● H129NE.104. ... 023

○_{max} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨

For gross reduction of non-precious metal alloys



● ● H 138 NE



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



● ● H138NE.104. ... 023

○_{max} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨

For gross reduction of non-precious metal alloys

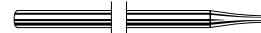


● ● H 139 NE



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



● ● H139NE.104. ... 023

○_{max} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨

For gross reduction of non-precious metal alloys

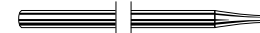


● ● H 251 NE



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



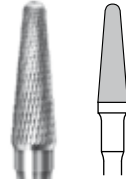
● ● H251NE.104. ... 060

○_{max} 50000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
DE 10 2006 002 722
EP 1 810 637*
* 申请中/* pending

用于非贵金属合金的粗修磨

For gross reduction of non-precious metal alloys

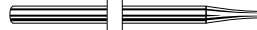


H 79 NEF



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

HP柄 · Handpiece (HP)



H79NEF.104. ... 040

○_{max.} 100000 min⁻¹/rpm
 高效切割, 用于非贵金属的精细修磨
 High cutting efficiency, for smooth reduction of non-precious metal alloys



H 129 NEF



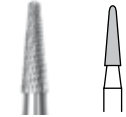
		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



H129NEF.104. ... 023

○_{max.} 100000 min⁻¹/rpm
 高效切割, 用于非贵金属的精细修磨
 High cutting efficiency, for smooth reduction of non-precious metal alloys



H 138 NEF



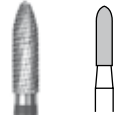
		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



H138NEF.104. ... 023

○_{max.} 100000 min⁻¹/rpm
 高效切割, 用于非贵金属的精细修磨
 High cutting efficiency, for smooth reduction of non-precious metal alloys



H 139 NEF



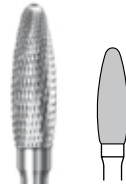
		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



H139NEF.104. ... 023

○_{max.} 100000 min⁻¹/rpm
 高效切割, 用于非贵金属的精细修磨
 High cutting efficiency, for smooth reduction of non-precious metal alloys

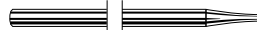


H 250 NEF



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	12,7

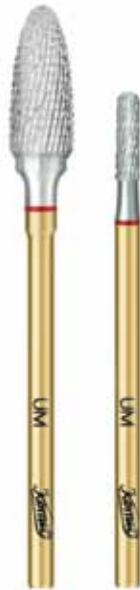
HP柄 · Handpiece (HP)



H250NEF.104. ... 040

○_{max.} 100000 min⁻¹/rpm
 高效切割, 用于非贵金属的精细修磨
 High cutting efficiency, for smooth reduction of non-precious metal alloys





UM-磨头

UM-Cutters

UM tungsten carbide cutters with multifunctional cutting characteristics

Komet UM tungsten carbide cutters offer important advantages over conventional tungsten carbide cutters:

- More pressure for more material reduction
- Less pressure for smoothing surfaces
- Smooth operation and less strain to the wrist
- Long service life and economic efficiency
- Variation of the contact pressure to suit each application

Recommended speed:

Precious metal:

○_{opt.} 25,000 rpm

Non-precious metal and model cast:

○_{opt.} 15,000 rpm

UM 多功能的钨钢磨头 主要特点

Komet UM 钨钢磨头的主要优点是超越传统钨钢磨头

- 清除更多材料产生更大的压力
- 更少压力做出光滑的表面
- 平滑的操作，减少手腕压力
- 使用寿命长，经济高效
- 振动的接触压力，适用于每一个应用者

建议转速：

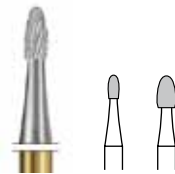
贵金属：

○_{opt.} 最佳转速为每分钟25,000转

非贵金属和模型

○_{opt.} 最佳转速为每分钟15,000转

● H 73 UM



		5	5
尺寸 · Size	Ø 1/10 mm	014	023
L	mm	3,1	4,2

HP柄 · Handpiece (HP)



● H73UM.104. ... 014 023

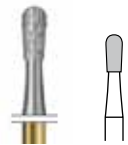
○_{max.} 100000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents
EP 1 021 995

用于非贵金属，贵金属和铸造支架合金

For non-precious metal, precious metal and model cast alloys

● H 77 UM



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	5,0

HP柄 · Handpiece (HP)



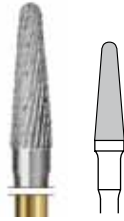
● H77UM.104. ... 023

○_{max.} 100000 min⁻¹/rpm

实用新型专利，专利/Utility model, patents
EP 1 021 995

用于非贵金属，贵金属和铸造支架合金

For non-precious metal, precious metal and model cast alloys



● **H 79 UM**



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

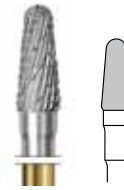
HP柄 · Handpiece (HP)



● **H79UM.104. ...** 040

⊖_{max} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



● **H 89 UM**



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	9,0

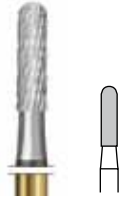
HP柄 · Handpiece (HP)



● **H89UM.104. ...** 040

⊖_{max} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



● **H 129 UM**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

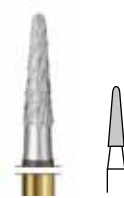
HP柄 · Handpiece (HP)



● **H129UM.104. ...** 023

⊖_{max} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



● **H 138 UM**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

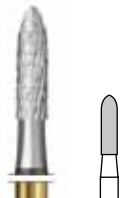
HP柄 · Handpiece (HP)



● **H138UM.104. ...** 023

⊖_{max} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



● **H 139 UM**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

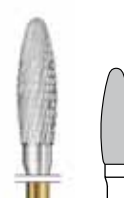
HP柄 · Handpiece (HP)



● **H139UM.104. ...** 023

⊖_{max} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

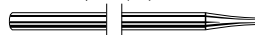


● **H 250 UM**



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

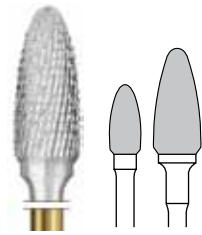
HP柄 · Handpiece (HP)



● **H250UM.104. ...** 040

⊖_{max} 100000 min⁻¹/rpm
实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

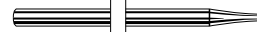


H 251 UM



		5	5
尺寸 · Size	∅ 1/10 mm	040	060
L	mm	9,0	14,0

HP柄 · Handpiece (HP)



H251UM.104. ... 040 060

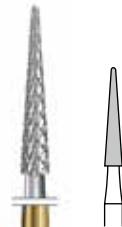
◇ = ∅_{max.} 50000 min⁻¹/rpm

■ = ∅_{max.} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

H 257 RUM



		5	
尺寸 · Size	∅ 1/10 mm	023	
L	mm	13,0	

HP柄 · Handpiece (HP)



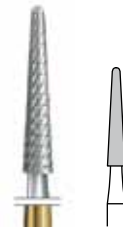
H257RUM.104. ... 023

∅_{max.} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

H 261 UM



		5	
尺寸 · Size	∅ 1/10 mm	023	
L	mm	13,0	

HP柄 · Handpiece (HP)



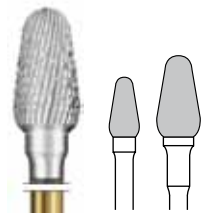
H261UM.104. ... 023

∅_{max.} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
EP 1 021 995

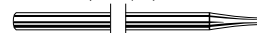
用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

H 351 UM



		5	5
尺寸 · Size	∅ 1/10 mm	040	060
L	mm	8,0	11,0

HP柄 · Handpiece (HP)



H351UM.104. ... 040 060

◇ = ∅_{max.} 50000 min⁻¹/rpm

■ = ∅_{max.} 100000 min⁻¹/rpm

实用新型专利, 专利/Utility model, patents
EP 1 021 995

用于非贵金属, 贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



DF-Cutters

DF Tungsten Carbide Cutters

The fine diamond toothing creates special surfaces on metal as preparation for applying ceramics (PFM crowns).

The DF toothing features pyramidshaped cutting blades, which allows for:

- Abrasive-like cutting
- Controlled roughening of metal surfaces for PFM crowns

Recommended speed:

Precious metal:

○_{opt.} 25,000 rpm

Non-precious metal:

○_{opt.} 15,000 rpm



DF-磨头

DF 钨钢磨头

细金刚砂齿轮为陶瓷预备创造非凡的金属表面 (PFM冠)。

DF齿轮特征是金字塔型的切割刀片, 使得:

- 类似粗砂轮切割
- PFM冠的金属表面的粗糙控制

建议转速:

贵金属:

○_{opt.} 每分钟25,000转

非贵金属:

○_{opt.} 每分钟15,000转

H 77 DF



		5	5
尺寸 · Size	∅ 1/10 mm	023	029
L	mm	5,0	5,0

HP柄 · Handpiece (HP)



500 104 237141 ...

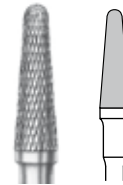
H77DF.104. ... 023 029

○_{max.} 100000 min⁻¹/rpm

用于金属表面的可控粗糙化处理

For controlled roughening of metal surfaces

H 79 DF



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 194141 ...

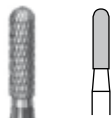
H79DF.104. ... 040

○_{max.} 100000 min⁻¹/rpm

用于金属表面的可控粗糙化处理

For controlled roughening of metal surfaces

H 129 DF



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)

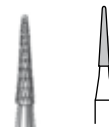


500 104 141141 ...

H129DF.104. ... 023

⊖_{max.} 100000 min⁻¹/rpm
用于金属表面的可控粗糙化处理
For controlled roughening of metal surfaces

H 136 DF



		5
尺寸 · Size	Ø 1/10 mm	016
L	mm	8,0

HP柄 · Handpiece (HP)

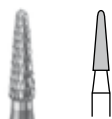


500 104 184141 ...

H136DF.104. ... 016

⊖_{max.} 100000 min⁻¹/rpm
用于金属表面的可控粗糙化处理
For controlled roughening of metal surfaces

H 138 DF



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



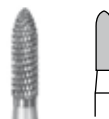
500 104 198141 ...

H138DF.104. ... 023

⊖_{max.} 100000 min⁻¹/rpm
用于金属表面的可控粗糙化处理
For controlled roughening of metal surfaces

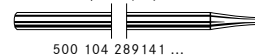


H 139 DF



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	8,0

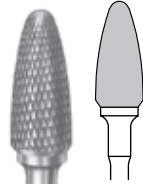
HP柄 · Handpiece (HP)



500 104 289141 ...

H139DF.104. ... 023

⊖_{max.} 100000 min⁻¹/rpm
用于金属表面的可控粗糙化处理
For controlled roughening of metal surfaces



● **H 251 DF**



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

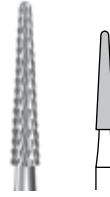
HP柄 · Handpiece (HP)



500 104 274141 ...

● **H251DF.104. ...** 060

⊙_{max} 50000 min⁻¹/rpm
用于金属表面的可控粗糙化处理
For controlled roughening of metal surfaces



● **H 261 DF**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)

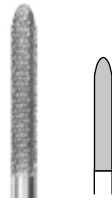


500 104 194141 ...

● **H261DF.104. ...** 023

⊙_{max} 100000 min⁻¹/rpm
用于金属表面的可控粗糙化处理
For controlled roughening of metal surfaces

426



● **H 295 DF**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	15,0

HP柄 · Handpiece (HP)



500 104 292141 ...

● **H295DF.104. ...** 023

⊙_{max} 100000 min⁻¹/rpm
用于金属表面的可控粗糙化处理
For controlled roughening of metal surfaces



GSQ-磨头

GSQ-Cutters

GSQ tooling for work on soft and model acrylics and temporary appliances in the dental practice and laboratory

GSQ cutters are suitable for effective work on soft silicones, such as:

- Positioners
- Mouth guards for sportsmen
- Soft denture relines
- Soft artificial gums

The coarse, effective blade geometry prevents the cutter from clogging during work on materials that tend to clog up the instrument, such as temporary appliances or model acrylics.

Advantages:

- Easy and controlled shaping of the surface
- Effective cutting with excellent material reduction
- No clogging of the cutter
- Optimal surface quality

Attention: Working part gets hot during use!

The generation of heat is intended and improves the cutting efficiency.

GSQ 磨头工作于，临时用于口腔诊所和技工室的软丙烯酸模型

GSQ磨头能够高效工作于软硅胶，例如：

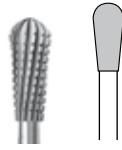
- 定位器
- 运动员使用的口腔防护器
- 不阻塞磨头
- 最佳的表面质量

粗糙，高效的几何刀片，有效保护磨头的工作时被阻塞，例如临时器械或丙烯酸模型。

优点：

- 轻松，表面形状被控制
- 高效切割的同时大量排屑
- 不会阻塞磨头
- 最佳表面质量

注意：工作间在使用时会发热！
工作时产生热能够提高切割效率。



●● H 77 GSQ



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	9,0

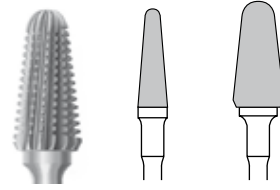
HP柄 · Handpiece (HP)



500 104 237216 ...

●● H77GSQ.104. ... 040

○_{max.} 100000 min⁻¹/rpm
用于软质的丙烯酸树脂
For soft acrylics



●● H 79 GSQ



		5	5
尺寸 · Size	∅ 1/10 mm	040	070
L	mm	13,0	14,0

HP柄 · Handpiece (HP)

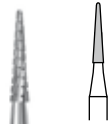


500 104 194216 ...

●● H79GSQ.104. ... 040 070

◆ = ○_{max.} 30000 min⁻¹/rpm
■ = ○_{max.} 100000 min⁻¹/rpm
用于软质的丙烯酸树脂
For soft acrylics

428



●● H 136 GSQ



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,0

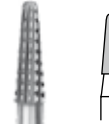
HP柄 · Handpiece (HP)



500 104 184216 ...

●● H136GSQ.104. ... 016

○_{max.} 100000 min⁻¹/rpm
用于软质丙烯酸树脂
For soft acrylics

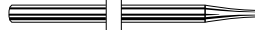


●● H 138 GSQ



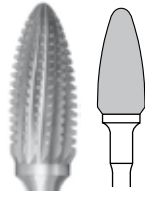
		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



●● H138GSQ.104. ... 023

○_{max.} 100000 min⁻¹/rpm
用于软质丙烯酸树脂
For soft acrylics



●● H 251 GSQ



		5
尺寸 · Size	Ø 1/10 mm	060
L	mm	14,0

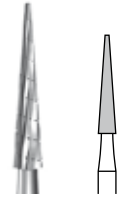
HP柄 · Handpiece (HP)



500 104 274216 ...

●● H251GSQ.104. ... 060

⊖_{max} 50000 min⁻¹/rpm
用于软质的丙烯酸树脂
For soft acrylics



●● H 257 GSQ



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

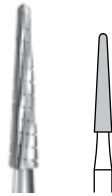
HP柄 · Handpiece (HP)



500 104 187216 ...

●● H257GSQ.104. ... 023

⊖_{max} 100000 min⁻¹/rpm
用于软质的丙烯酸树脂
For soft acrylics



●● H 261 GSQ



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 194216 ...

●● H261GSQ.104. ... 023

⊖_{max} 100000 min⁻¹/rpm
用于软质的丙烯酸树脂
For soft acrylics



●● H 351 GSQ



		5
尺寸 · Size	Ø 1/10 mm	060
L	mm	11,0

HP柄 · Handpiece (HP)



500 104 263216 ...

●● H351GSQ.104. ... 060

⊖_{max} 50000 min⁻¹/rpm
用于软质的丙烯酸树脂
For soft acrylics



FSQ-Cutters

FSQ Tungsten Carbide Cutters

FSQ is a fine, high-efficiency toothing with cross-cut. Developed for working on transitions to soft relines, for hard or elastic acrylics. The cross-cut of this highly efficient toothing divides the instrument blades into smaller cutting segments.

Advantages:

- Minimal resistance to penetration when cutting both elastic and tough materials
- Minimal heat generation
- Reduced smearing
- Apply low contact pressure

Recommended speed:

Precious metal:
 ○_{opt.} 25,000 rpm
 Acrylics:
 ○_{opt.} 15,000 rpm



FSQ-磨头

FSQ 钨钢磨头

FSQ 是一款精细，带锯齿的高效切割磨头。研发工作于过渡到软材料的重新划线，用于硬的或塑料丙烯酸。这种高效的锯齿器械将刀片上的刀纹变得更加细小。

优点：

- 切割塑料和坚硬物质时防止穿透
- 减少污染
- 低接触压力
- 用低接触压力

建议转速：

贵金属：
 ○_{opt.} 每分钟25,000转
 丙烯酸：
 ○_{opt.} 每分钟15,000转

H 73 FSQ



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	3,1

HP柄 · Handpiece (HP)



500 104 277134 ...

H73FSQ.104. ... 014

○_{max.} 100000 min⁻¹/rpm
 用于硬性或软质的丙烯酸树脂和贵金属
 For hard or elastic acrylics and precious metals

H 77 FSQ



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	5,0

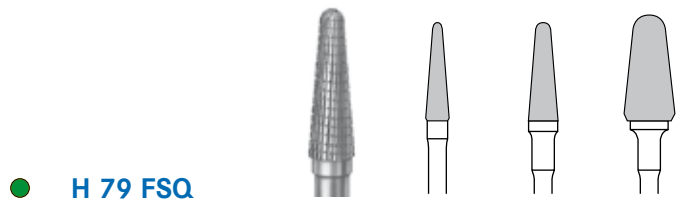
HP柄 · Handpiece (HP)



500 104 237134 ...

H77FSQ.104. ... 023

○_{max.} 100000 min⁻¹/rpm
 用于硬性或软质丙烯酸树脂和贵金属
 For hard or elastic acrylics and precious metals



H 79 FSQ



		5	5	5
尺寸 · Size	∅ 1/10 mm	031	040	070
L	mm	13,0	13,0	14,0

HP柄 · Handpiece (HP)



500 104 194134 ...

H79FSQ.104. ... ■031 ■040 ◆070

◆ = \odot_{\max} 30000 min⁻¹/rpm

■ = \odot_{\max} 100000 min⁻¹/rpm

用于硬性或软质的丙烯酸树脂和贵金属

For hard or elastic acrylics and precious metals



H 129 FSQ



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



500 104 141134 ...

H129FSQ.104. ... 023

\odot_{\max} 100000 min⁻¹/rpm

用于硬性或软质的丙烯酸树脂和贵金属

For hard or elastic acrylics and precious metals



H 138 FSQ



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



500 104 198134 ...

H138FSQ.104. ... 023

\odot_{\max} 100000 min⁻¹/rpm

用于硬性或软质的丙烯酸树脂和贵金属

For hard or elastic acrylics and precious metals



H 139 FSQ



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



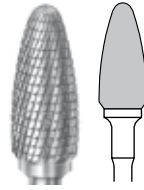
500 104 289134 ...

H139FSQ.104. ... 023

\odot_{\max} 100000 min⁻¹/rpm

用于硬性或软质的丙烯酸树脂和贵金属

For hard or elastic acrylics and precious metals

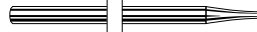


● **H 251 FSQ**



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

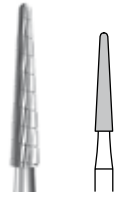
HP柄 · Handpiece (HP)



500 104 274134 ...

● **H251FSQ.104. ...** 060

⊙_{max.} 50000 min⁻¹/rpm
用于硬性或软质的丙烯酸树脂和贵金属
For hard or elastic acrylics and precious metals

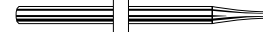


● **H 261 FSQ**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	13,0

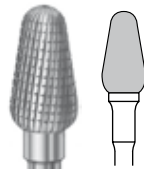
HP柄 · Handpiece (HP)



500 104 194134 ...

● **H261FSQ.104. ...** 023

⊙_{max.} 100000 min⁻¹/rpm
用于硬性或软质的丙烯酸树脂和贵金属
For hard or elastic acrylics and precious metals

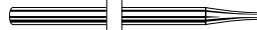


● **H 351 FSQ**



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	11,0

HP柄 · Handpiece (HP)



500 104 263134 ...

● **H351FSQ.104. ...** 060

⊙_{max.} 50000 min⁻¹/rpm
用于硬性或软质的丙烯酸树脂和贵金属
For hard or elastic acrylics and precious metals



UK-磨头

UK-Cutters

UK tungsten carbide cutters - for veneering materials

The UK tothing is equally suitable for working on ceramics (before glaze firing) as on composite veneers and transitions between veneer materials and metal frames.

Advantages:

- Quick controlled material reduction
- A 7 times better surface quality than achieved with diamond instruments or conventional green stones
- No contamination of ceramic material
- Smooth, vibration-reduced operation - less strain to the wrist
- Economical due to sharp, unmarred blades

Recommended speed:

Veneer acrylics:

○_{opt.} 15,000 - 20,000 rpm

Soft ceramics:

○_{opt.} 20,000 - 25,000 rpm

UK 用于贴面材料的钨钢磨头

UK 齿轮相当适用于在陶瓷上工作（釉瓷）之前，在树脂贴面和贴面材料和金属结构过渡时。

优点：

- 快速控制材料清除
- 7次更好的表面质量，相较于用金刚砂器械或传统绿石
- 无污染的陶瓷材料
- 平滑，减少振动，减少手腕压力
- 锋利，无损伤的刀片可以做到更经济

建议转速：

贴面丙烯酸：

○_{opt.} 最佳转速为每分钟 15,000-20,000 转

软陶瓷：

○_{opt.} 最佳转速为 20,000 转-25,000 转

○ H 77 UK



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	5,0

HP柄 · Handpiece (HP)



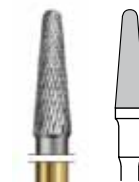
○ H77UK.104. ... 023

○_{max.} 100000 min⁻¹/rpm

用于陶瓷和复合树脂材料修复体

For ceramic and composite restorations

○ H 79 UK



		5
尺寸 · Size	Ø 1/10 mm	040
L	mm	13,0

HP柄 · Handpiece (HP)



○ H79UK.104. ... 040

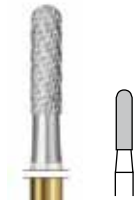
○_{max.} 100000 min⁻¹/rpm

用于陶瓷和复合树脂材料修复体

For ceramic and composite restorations



○ **H 129 UK**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



○ **H129UK.104. ...**

023

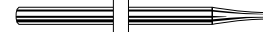
○_{max} 100000 min⁻¹/rpm
用于陶瓷和复合树脂材料修复体
For ceramic and composite restorations

○ **H 136 UK**



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,0

HP柄 · Handpiece (HP)

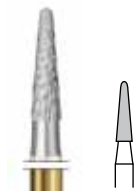


○ **H136UK.104. ...**

016

○_{max} 100000 min⁻¹/rpm
用于陶瓷和复合树脂材料修复体
For ceramic and composite restorations

○ **H 138 UK**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

HP柄 · Handpiece (HP)



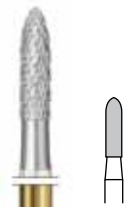
○ **H138UK.104. ...**

023

○_{max} 100000 min⁻¹/rpm
用于陶瓷和复合树脂材料修复体
For ceramic and composite restorations



○ **H 139 UK**



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	8,0

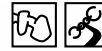
HP柄 · Handpiece (HP)



○ **H139UK.104. ...**

023

○_{max} 100000 min⁻¹/rpm
用于陶瓷和复合树脂修复
For ceramic and composite restorations



左手用磨头

Left-hand Cutters

磨头，切割左边 (L)

Cutters, cutting to the left (L)

这些是符合人体工程学的左手用高效器械

These instruments permit lefthanded operators ergonomic and efficient work.

Advantages:

优点：

- Blade design cutting to the left
- Contra-rotational milling towards the body
- Unobstructed view on the surface to be worked
- Chips are directed towards suction
- Coding (violet colour ring)
- Shank marking: left

- 刀片的设计是从左边切割的
- 反向研磨穿过物体
- 不阻碍物表的工作视线
- 直接排出碎屑
- 编号 (紫色环)
- 手柄标记：左边

建议转速：

金属：

○_{opt.} 最佳转速为15,000-25,000转

丙烯酸：

○_{opt.} 最佳转速为15,000转

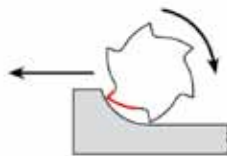
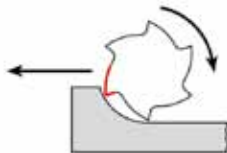
塑料：

○_{opt.} 最佳转速为15,000转

注意：

将马达调至“反向”档

请订阅左手用磨头的特别使用说明



Recommended speed:

Metal alloys:

○_{opt.} 15,000 - 25,000 rpm

Acrylics:

○_{opt.} 15,000 rpm

Plaster:

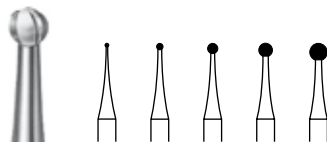
○_{opt.} 15,000 rpm

Attention:

Switch motor to “reverse” motion!

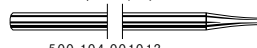
Please order our special order guide for left-handed users!

H 1 L



		5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	005	008	014	018	023
美国编号		-	1L	4L	-	-

HP柄 · Handpiece (HP)

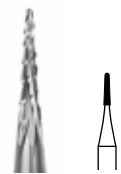


500 104 001012 ...

H1L.104. ... 005 008 014 018 023

○_{max.} 100000 min⁻¹/rpm

H 23 RSEL



		5
尺寸 · Size	∅ 1/10 mm	009

HP柄 · Handpiece (HP)

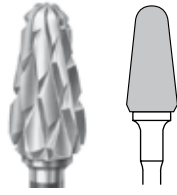


H23RSEL.104. ... 009

○_{max.} 100000 min⁻¹/rpm

用于修磨窝沟

Opening of fissures



● **H 79 SGEL**



		5
尺寸 · Size	∅ 1/10 mm	070
L	mm	14,0

HP柄 · Handpiece (HP)

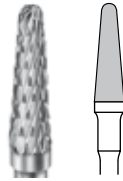


500 104 194224 ...

● **H79SGEL.104. ...** 070

436

⊖_{max} 30000 min⁻¹/rpm
用于加工石膏
Work on plaster



● **H 79 EL**



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	13,0

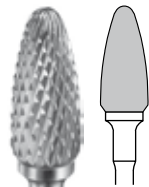
HP柄 · Handpiece (HP)



500 104 194192 ...

● **H79EL.104. ...** 040

⊖_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys



● **H 251 EL**



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	14,0

HP柄 · Handpiece (HP)



500 104 274192 ...

● **H251EL.104. ...** 060

⊖_{max} 50000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys



H 261 EL



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 194192 ...

H261EL.104. ... 023

⊙_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys



H 295 EL



		5
尺寸 · Size	Ø 1/10 mm	023
L	mm	15,0

HP柄 · Handpiece (HP)



500 104 292192 ...

H295EL.104. ... 023

⊙_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂、石膏和金属合金
For acrylics, plaster and metal alloys



H 79 EFL



		5
尺寸 · Size	Ø 1/10 mm	040
L	mm	13,0

HP柄 · Handpiece (HP)



500 104 194142 ...

H79EFL.104. ... 040

⊙_{max} 100000 min⁻¹/rpm
用于丙烯酸树脂和金属合金
For acrylics and metal alloys



H 73 UML



		5
尺寸 · Size	Ø 1/10 mm	014

HP柄 · Handpiece (HP)



H73UML.104. ... 014

⊙_{max} 100000 min⁻¹/rpm
用于非贵金属、贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



H 77 UML



		5
尺寸 · Size	Ø 1/10 mm	023

HP柄 · Handpiece (HP)



H77UML.104. ... 023

⊙_{max} 100000 min⁻¹/rpm
用于非贵金属、贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys



H 139 UML



		5
尺寸 · Size	Ø 1/10 mm	023









HP柄 · Handpiece (HP)



H139UML.104. ... 023

⊙_{max} 100000 min⁻¹/rpm
用于非贵金属、贵金属和铸造支架合金
For non-precious metal, precious metal and model cast alloys

车针/磨头
Burs/Cutters

	圆形 Round	440
	车轮形 Wheel	441
	柱形 Cylinder	441
	锥形 Tapered	442
	尖头 Pointed	442
	蓓蕾形 Bud	442
	麻花钻 Twist drill	443
	蓓蕾形 Bud	443

轴芯
Mandrels

	碟片轴芯 Mandrel for discs	444
	带边缘的碟片轴芯 Mandrel for discs with flange	444
	细长形轴芯 Spindle-shaped mandrel	444
	咬合面抛光的轴芯 Mandrel for occlusal polishers	444
	抛光碟的轴芯 Mandrel for polishing discs	445
	纸条抛光的轴芯 Mandrel for paper finishing strips	445
	左手用轴芯 Mandrel with left-hand thread	445

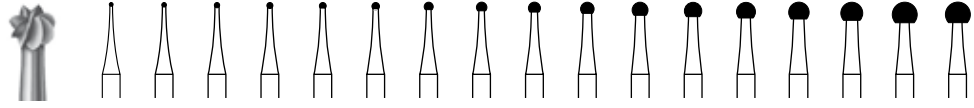


Steel **钢**

<i>Burs/Cutters</i>	440 - 443	车针/磨头
<i>Mandrels</i>	444 - 445	轴芯



1



		10	10	10	10	10	10	10	10	10	10	10	10	6	6	6	6	6
尺寸 · Size	∅ 1/10 mm	005	006	007	008	009	010	012	014	016	018	021	023	025	027	029	031	033
美国编号		1/4	1/2	-	1	-	2	3	4	5	6	7	8	9	10	-	11	-

HP柄 · Handpiece (HP)



310 104 001001 ...

1.104. ...

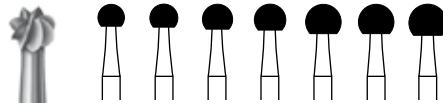
■005 ■006 ■007 ■008 ■009 ◊010 ◊012 ◊014 ◊016 ◊018 ◆021 ◆023 △025 △027 ▲029 ▲031 ○033

440

- = \odot_{max} 15000 min⁻¹/rpm
- ▲ = \odot_{max} 20000 min⁻¹/rpm
- △ = \odot_{max} 25000 min⁻¹/rpm
- ◆ = \odot_{max} 30000 min⁻¹/rpm
- ◇ = \odot_{max} 40000 min⁻¹/rpm
- ◊ = \odot_{max} 70000 min⁻¹/rpm
- = \odot_{max} 100000 min⁻¹/rpm

球钻
Round

1



		6	6	6	6	6	6	
尺寸 · Size	∅ 1/10 mm	035	037	040	042	045	047	050
美国编号		-	-	-	-	19	20	

HP柄 · Handpiece (HP)



310 104 001001 ...

1.104. ...

035 037 040 042 045 047 050

\odot_{max} 15000 min⁻¹/rpm

球钻
Round

3



		6	6	6	6	6	6	6	6	6
尺寸 · Size	∅ 1/10 mm	006	007	008	009	010	012	014	016	023
美国编号		11 1/2	-	12	-	-	14	-	16	-

HP柄 · Handpiece (HP)



310 104 040001 ...

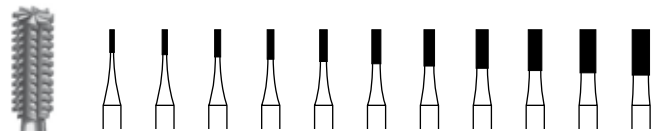
3.104. ...

■006 ■007 ■008 ■009 ◆010 ◆012 ◆014 ◆016 ◆023

- ◆ = ∅_{max.} 30000 min⁻¹/rpm
- ◆ = ∅_{max.} 40000 min⁻¹/rpm
- ◆ = ∅_{max.} 70000 min⁻¹/rpm
- = ∅_{max.} 100000 min⁻¹/rpm

轮状
Wheel

36



		10	10	10	10	10	10	10	10	10	10	
尺寸 · Size	∅ 1/10 mm	006	007	008	009	010	012	014	016	018	021	023
L	mm	3,0	3,3	3,6	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0
美国编号		-	-	556	-	557	558	559	560	561	562	563

HP柄 · Handpiece (HP)



310 104 107002 ...

36.104. ...

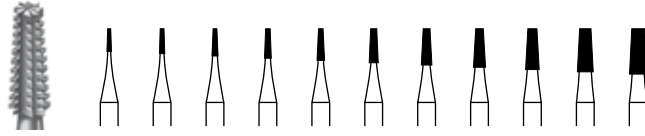
■006 ■007 ■008 ■009 ◆010 ◆012 ◆014 ◆016 ◆018 ◆021 ◆023

- ◆ = ∅_{max.} 30000 min⁻¹/rpm
- ◆ = ∅_{max.} 40000 min⁻¹/rpm
- ◆ = ∅_{max.} 70000 min⁻¹/rpm
- = ∅_{max.} 100000 min⁻¹/rpm

006号不带交错刃齿
Size 006 without cross cut

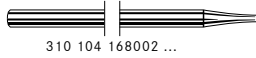


38



		10	10	10	10	10	10	10	10	10	10	10
尺寸 · Size	∅ 1/10 mm	006	007	008	009	010	012	014	016	018	021	023
L	mm	3,0	3,3	3,6	3,9	4,2	4,5	4,8	5,1	5,4	5,7	6,0
美国编号		-	-	699	-	700	701	-	702	-	703	-

HP柄 · Handpiece (HP)



310 104 168002 ...

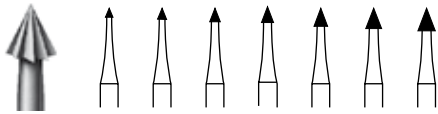
38.104. ...

■006 ■007 ■008 ■009 ◆010 ◆012 ◆014 ◆016 ◆018 ◆021 ◆023

- ◆ = ∅_{max} 30000 min⁻¹/rpm
- ◇ = ∅_{max} 40000 min⁻¹/rpm
- ◇ = ∅_{max} 70000 min⁻¹/rpm
- = ∅_{max} 100000 min⁻¹/rpm

交错刃齿截锥形牙裂钻
Cross cut tapered fissure

5



		6	6	6	6	6	6	6
尺寸 · Size	∅ 1/10 mm	010	012	014	016	018	021	023

HP柄 · Handpiece (HP)



310 104 159001 ...

5.104. ...

◆010 ◆012 ◆014 ◆016 ◆018 ◆021 ◆023

- ◆ = ∅_{max} 30000 min⁻¹/rpm
- ◇ = ∅_{max} 40000 min⁻¹/rpm
- ◇ = ∅_{max} 70000 min⁻¹/rpm

针形
Pointed

6



		6	6	6	6	6	6	6	6
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016	018	021	023

HP柄 · Handpiece (HP)



310 104 254001 ...

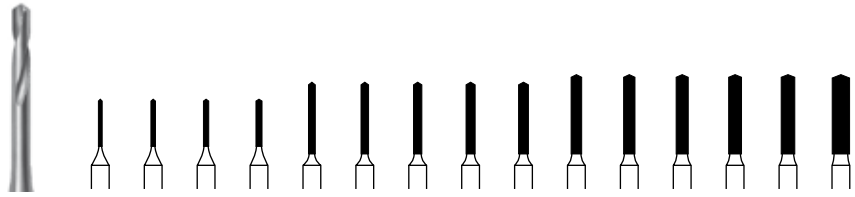
6.104. ...

■009 ◆010 ◆012 ◆014 ◆016 ◆018 ◆021 ◆023

- ◆ = ∅_{max} 30000 min⁻¹/rpm
- ◇ = ∅_{max} 40000 min⁻¹/rpm
- ◇ = ∅_{max} 70000 min⁻¹/rpm
- = ∅_{max} 100000 min⁻¹/rpm

花蕾形
Bud

203



		6	6	6	6	6	6	6	6	6	6	6	6	6	6	
尺寸 · Size	∅ 1/10 mm	005	006	007	008	009	010	011	012	013	014	015	016	017	018	023
L	mm	6,3	6,3	6,3	6,3	9,5	9,5	9,5	9,5	9,5	10,5	10,5	10,5	10,5	10,5	10,5

HP柄 · Handpiece (HP)



310 104 417364 ...

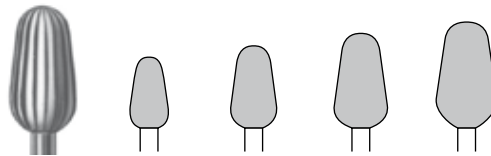
203.104. ...

■005 ■006 ■007 ■008 ■009 ◊010 ◊011 ◊012 ◊013 ◊014 ◊015 ◊016 ◊017 ◊018 ◊023

- ◆ = \odot_{max} 30000 min⁻¹/rpm
- ◊ = \odot_{max} 40000 min⁻¹/rpm
- ◈ = \odot_{max} 70000 min⁻¹/rpm
- = \odot_{max} 100000 min⁻¹/rpm

麻花钻
Twist drill

75



		6	6	6	6
尺寸 · Size	∅ 1/10 mm	050	060	070	080
L	mm	9,5	11,0	12,5	14,0

HP柄 · Handpiece (HP)



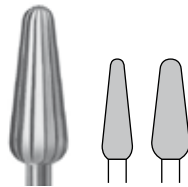
310 104 260171 ...

75.104. ...

○050 ●060 ●070 ●080

- = \odot_{max} 10000 min⁻¹/rpm
- = \odot_{max} 15000 min⁻¹/rpm

79



		6	6
尺寸 · Size	∅ 1/10 mm	040	050
L	mm	14,0	14,0

HP柄 · Handpiece (HP)



310 104 266171 ...

79.104. ...

040 050

- _{max} 15000 min⁻¹/rpm

303



		6
HP柄 · Handpiece (HP)		
330 104 603391 ...		
303.104. ...		

○_{max} 15000 min⁻¹/rpm
用于砂片、抛光器械和抛光刷的柄，不锈钢
Mandrel for discs, polishers and brushes, stainless steel

305



		6	6
尺寸 · Size	∅ 1/10 mm	050	080
HP柄 · Handpiece (HP)			
330 104 604391 ...			
305.104. ...			
		○050	●080

● = ○_{max} 10000 min⁻¹/rpm
○ = ○_{max} 15000 min⁻¹/rpm
用于磨片、抛光器械和抛光刷的柄，不锈钢
Mandrel for discs, polishers and brushes, stainless steel

301 L



		6
HP柄 · Handpiece (HP)		
330 104 610415 ...		
301L.104. ...		

○_{max} 15000 min⁻¹/rpm
带有右手螺纹用于抛光器械用纺锤形柄，不锈钢
Spindle-shaped mandrel with right-hand thread for polishers, stainless steel

329



		6
HP柄 · Handpiece (HP)		
330 104 610417 ...		
329.104. ...		

○_{max} 25000 min⁻¹/rpm
用于抛光器械的纺锤形柄，不锈钢
Spindle-shaped mandrel for polishers, stainless steel

329 A



		6
HP柄 · Handpiece (HP)		
330 104 609000 ...		
329A.104. ...		

○_{max} 15000 min⁻¹/rpm
9522 C/M/F抛光器械用纺锤形不锈钢柄
Spindle-shaped mandrel for pinpolishers 9522 C/M/F, stainless steel

326



		1	1
尺寸 · Size	∅ 1/10 mm	020	030
HP柄 · Handpiece (HP)			
330 104 609000 ...			
326.104. ...			
		020	030

○_{max} 15000 min⁻¹/rpm
咬合面抛光器械用柄
Mandrel for occlusal polishers

310



 6

HP柄 · Handpiece (HP)



330 104 608000 ...

310.104. ... 

⊙_{max.} 30000 min⁻¹/rpm
抛光盘用柄
Mandrel for polishing discs

327



 6

HP柄 · Handpiece (HP)



330 104 615421 ...

327.104. ... 


⊙_{max.} 15000 min⁻¹/rpm
特殊用柄, 不锈钢
Special mandrel, stainless steel

318




 6

HP柄 · Handpiece (HP)



330 104 623442 ...

318.104. ... 

⊙_{max.} 30000 min⁻¹/rpm
用于砂条的柄, 不锈钢
Mandrel for sandpaper strips, stainless steel

314



 6

HP柄 · Handpiece (HP)





330 104 622444 ...

314.104. ... 


⊙_{max.} 10000 min⁻¹/rpm
砂纸磨条用柄, 不锈钢
Mandrel for sandpaper strips, stainless steel

305 L




 6

HP柄 · Handpiece (HP)




330 104 604395 ...

305L.104. ... 


⊙_{max.} 15000 min⁻¹/rpm
带有左手螺纹的柄, 不锈钢
Mandrel with left-hand thread, stainless steel

329 L




 6

HP柄 · Handpiece (HP)











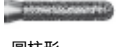
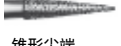
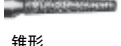
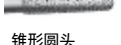
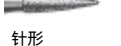
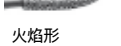

330 104 610418 ...


329L.104. ... 

⊙_{max.} 25000 min⁻¹/rpm
带有左手螺纹的柄, 不锈钢
Mandrel with left-hand thread, stainless steel



金刚砂车针
Diamond burs






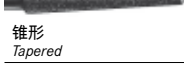
- 
圆形
Round 448
- 
梨形
Pear 448
- 
倒锥形, 长
Inverted cone, long 448
- 
倒锥形
Inverted cone 449
- 
透明晶状
Lenticular 449
- 
倒锥形
Inverted cone 449-450
- 
车轮形
Wheel 450
- 
柱形
Cylinder 450
- 
圆柱形
Cylinder round 451
- 
锥形尖端
Tapered pointed 451
- 
锥形
Tapered 451-452
- 
锥形圆头
Tapered round 452-453
- 
针形
Needle-shaped 453
- 
火焰形
Flame 453
- 
鱼雷形
Torpedo 453-454

- 
蓓蕾形
Bud 454
- 
蛋形/足球形
Egg/Football 454
- 
手榴弹形
Grenade 454
- 
蓓蕾形
Bud 454

金刚砂
ZR-Diamonds

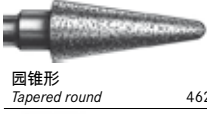



- 
 - 
 - 
 - 
 - 
 - 
 - 
 - 
- 455-459

烧结的金刚砂
Sintered diamonds

- 
圆形
Round 460
- 
倒锥形
Inverted cone 460-461
- 
透明晶状
Lenticular 461
- 
圆柱形
Cylinder, round 461
- 
锥形
Tapered 461
- 
锥形
Tapered 462

碟片
Discs

- 
圆锥形
Tapered round 462
 - 
火焰形
Flame 462
 - 
蓓蕾形
Bud 463
 - 
手榴弹形
Grenade 463
 - 
倒锥形
Inverted cone 464
 - 
透明晶状
Lenticular 464
 - 
手榴弹形
Grenade 464
- 467-481

- 
圆锥形
Tapered round 462
- 
火焰形
Flame 462
- 
蓓蕾形
Bud 463
- 
手榴弹形
Grenade 463

技工用涡轮器械
Instruments
for laboratory turbine

- 
圆形
Round 464
- 
倒锥形
Inverted cone 464
- 
透明晶状
Lenticular 464
- 
手榴弹形
Grenade 464

- 
清洁石
Cleaning stone 464

DCB-研磨
DCB abrasives

- 
 - 
 - 
 - 
 - 
- 465-466

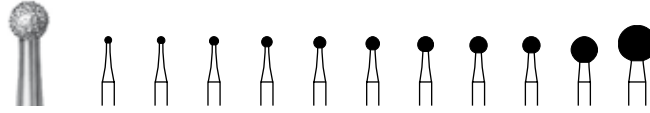


Diamond  **金刚砂**

<i>Diamond burs</i>	448 - 454	带有HP柄的器械
<i>ZR-Diamonds</i>	455 - 459	ZR系列金刚砂车针
<i>DSB sintered</i>	460 - 463	DSB磨粉
<i>Instruments for laboratory turbine</i>	464	技工室涡轮机用器械
<i>DCB abrasives</i>	465 - 466	DCB磨石
<i>Discs</i>	467 - 481	切割片



● 801
6801



		5	5	5	5	5	5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	014	016	018	021	023	029	035	050

HP柄 · Handpiece (HP)



806 104 001524 ...

801.104. ...

■009 ■010 ■012 ■014 ■016 ■018 ■021 ■023 ■029 ■035 ◀050

806 104 001534 ...

6801.104. ...

- - - - - - - ■023 ■029 ■035 -

448

◊ = \odot_{\max} 80000 min⁻¹/rpm
■ = \odot_{\max} 100000 min⁻¹/rpm

球钻
Round

830 RL



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	5,0

HP柄 · Handpiece (HP)



806 104 238524 ...

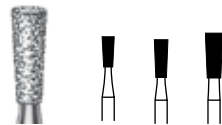
830RL.104. ...

023

\odot_{\max} 100000 min⁻¹/rpm

梨形
Pear

807



		5	5	5
尺寸 · Size	∅ 1/10 mm	016	018	023
L	mm	4,0	5,0	6,0

HP柄 · Handpiece (HP)



806 104 225524 ...

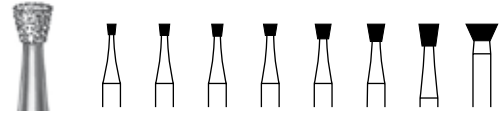
807.104. ...

016 018 023

\odot_{\max} 100000 min⁻¹/rpm

倒锥形, 长
Inverted cone, long

805



		5	5	5	5	5	5	5	
尺寸 · Size	∅ $\frac{1}{10}$ mm	012	014	016	018	021	023	027	042
L	mm	1,4	1,5	1,6	1,5	2,0	2,3	2,9	2,2

HP柄 · Handpiece (HP)



806 104 010524 ...

805.104. ...

012 014 016 018 021 023 027 042

= \odot_{max} 80000 min⁻¹/rpm

= \odot_{max} 100000 min⁻¹/rpm

倒锥形

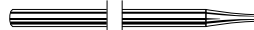
Inverted cone

805 A



		5
尺寸 · Size	∅ $\frac{1}{10}$ mm	023

HP柄 · Handpiece (HP)



806 104 014524 ...

805A.104. ...

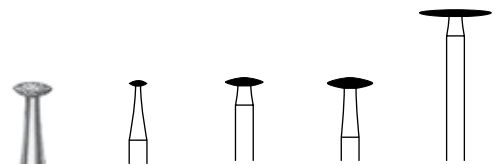
023

\odot_{max} 100000 min⁻¹/rpm

倒锥形, 专用

Inverted cone, special

825



		5	5	5	5
尺寸 · Size	∅ $\frac{1}{10}$ mm	023	050	060	095

HP柄 · Handpiece (HP)



806 104 304524 ...

825.104. ...

023 050 060 095

= \odot_{max} 30000 min⁻¹/rpm

= \odot_{max} 50000 min⁻¹/rpm

= \odot_{max} 80000 min⁻¹/rpm

= \odot_{max} 100000 min⁻¹/rpm

刀刃形

Knife edge



812



		5	5
尺寸 · Size	∅ 1/10 mm	055	090

HP柄 · Handpiece (HP)



806 104 022524 ...

812.104. ...

◊055

◆090

- ◆ = ∅_{max} 30000 min⁻¹/rpm
- ◊ = ∅_{max} 50000 min⁻¹/rpm
- 倒锥形, 外涂层
- Inverted cone, outside coating

814



		5	5
尺寸 · Size	∅ 1/10 mm	030	045

HP柄 · Handpiece (HP)



806 104 493524 ...

814.104. ...

■030

◆045

- ◆ = ∅_{max} 80000 min⁻¹/rpm
- = ∅_{max} 100000 min⁻¹/rpm
- 倒锥形
- Inverted cone

909



		5	5	5
尺寸 · Size	∅ 1/10 mm	040	055	065
L	mm	1,0	2,0	3,0

HP柄 · Handpiece (HP)



806 104 068524 ...

909.104. ...

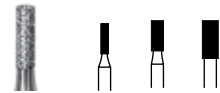
■040

◊055

◆065

- ◆ = ∅_{max} 40000 min⁻¹/rpm
- ◊ = ∅_{max} 50000 min⁻¹/rpm
- = ∅_{max} 100000 min⁻¹/rpm
- 轮状, 圆形
- Wheel, round

835



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	016	021
L	mm	4,0	4,0	5,0

HP柄 · Handpiece (HP)



806 104 107524 ...

835.104. ...

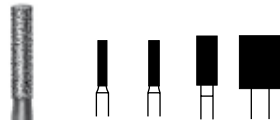
○010

○016

○021

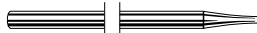
- _{max} 100000 min⁻¹/rpm
- 圆柱形, 短
- Cylinder, short

836



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	012	014	027	055
L	mm	6,0	6,0	6,0	7,0

HP柄 · Handpiece (HP)



806 104 110524 ...

836.104. ...

■012

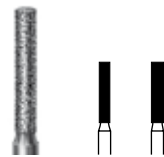
■014

■027

◊055

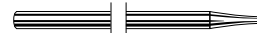
- ◊ = ∅_{max} 50000 min⁻¹/rpm
- = ∅_{max} 100000 min⁻¹/rpm
- 圆柱形
- Cylinder

837



		5	5
尺寸 · Size	∅ 1/10 mm	014	016
L	mm	8,0	8,0

HP柄 · Handpiece (HP)



806 104 111524 ...

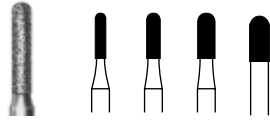
837.104. ...

○014

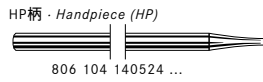
○016

- _{max} 100000 min⁻¹/rpm
- 长圆柱形
- Cylinder, long

880



		5	5	5	5
尺寸 · Size	Ø 1/10 mm	014	018	023	027
L	mm	6,0	6,0	6,0	6,0



806 104 140524 ...

880.104. ... 014 018 023 027

○_{max} 100000 min⁻¹/rpm
圆柱形, 圆头
Cylinder, round

842



		5
尺寸 · Size	Ø 1/10 mm	018
L	mm	12,0

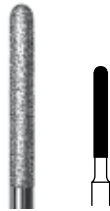


806 104 113524 ...

842.104. ... 018

○_{max} 100000 min⁻¹/rpm
超长圆柱形
Cylinder, extra long

842 R



		5
尺寸 · Size	Ø 1/10 mm	018
L	mm	12,0



806 104 143524 ...

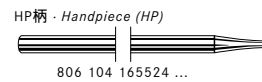
842R.104. ... 018

○_{max} 100000 min⁻¹/rpm
超长圆柱形, 圆头
Cylinder, round, extra long

858



		5
尺寸 · Size	Ø 1/10 mm	014
L	mm	8,0

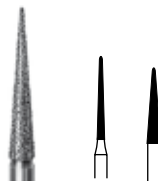


806 104 165524 ...

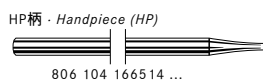
858.104. ... 014

○_{max} 100000 min⁻¹/rpm
Tapered pointed
Tapered pointed

- 8859
- 859
- 6859



		5	5
尺寸 · Size	Ø 1/10 mm	010	018
L	mm	10,0	10,0



806 104 166514 ...

● **8859.104. ...** - 018

806 104 166524 ...

● **859.104. ...** 010 018

806 104 166534 ...

● **6859.104. ...** - 018

○_{max} 100000 min⁻¹/rpm
锥形尖
Tapered pointed

845



		5
尺寸 · Size	Ø 1/10 mm	010
L	mm	4,0



806 104 168524 ...

845.104. ... 010

○_{max} 100000 min⁻¹/rpm
短平头戴锥形
Short, flat end taper

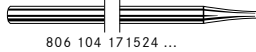


846



		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	7,0

HP柄 · Handpiece (HP)



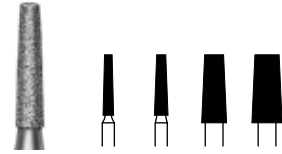
806 104 171524 ...

846.104. ...

025

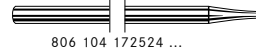
⊙_{max} 100000 min⁻¹/rpm
平头戴锥形
Flat end taper

847



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	014	018	033	040
L	mm	8,0	8,0	9,0	9,0

HP柄 · Handpiece (HP)



806 104 172524 ...

847.104. ...

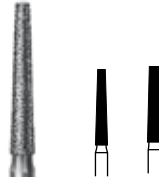
014 018 033 040

⊙_{max} 100000 min⁻¹/rpm
平头戴锥形
Flat end taper

452

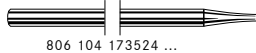
848

6848



		5	5
尺寸 · Size	∅ 1/10 mm	016	018
L	mm	10,0	10,0

HP柄 · Handpiece (HP)



806 104 173524 ...

848.104. ...

016 018

806 104 173534 ...

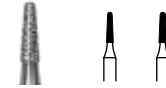
6848.104. ...

- 018

⊙_{max} 100000 min⁻¹/rpm
长平头戴锥形
Long, flat end taper

8849

849



		5	5
尺寸 · Size	∅ 1/10 mm	009	010
L	mm	4,0	4,0

HP柄 · Handpiece (HP)



806 104 194514 ...

8849.104. ...

- 010

806 104 194524 ...

849.104. ...

009 010

⊙_{max} 100000 min⁻¹/rpm
短圆头戴锥形
Short, round end taper

855



		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	7,0

HP柄 · Handpiece (HP)



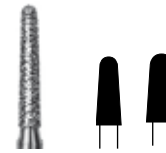
806 104 197524 ...

855.104. ...

025

⊙_{max} 100000 min⁻¹/rpm
圆头戴锥形
Round end taper

856



		5	5
尺寸 · Size	∅ 1/10 mm	033	040
L	mm	9,0	9,0

HP柄 · Handpiece (HP)



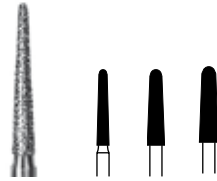
806 104 198524 ...

856.104. ...

033 040

⊙_{max} 100000 min⁻¹/rpm
圆头戴锥形
Round end taper

850



		5	5	5
尺寸 · Size	∅ 1/10 mm	016	023	025
L	mm	10,0	10,0	10,0

HP柄 · Handpiece (HP)

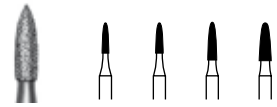


806 104 199524 ...

850.104. ... 016 023 025

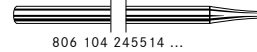
○_{max} 100000 min⁻¹/rpm
长圆头截锥形
Long, round end taper

● 8860
860



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	009	010	012	016
L	mm	4,0	4,0	5,0	5,0

HP柄 · Handpiece (HP)



806 104 245514 ...

● 8860.104. ... 009 - 012 -

806 104 245524 ...

860.104. ... - 010 012 016

○_{max} 100000 min⁻¹/rpm
火焰形, 短
Flame, short

● 8867



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	5,0

HP柄 · Handpiece (HP)

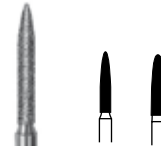


806 104 496514 ...

● 8867.104. ... 014

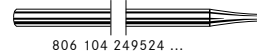
○_{max} 100000 min⁻¹/rpm
针形
Needle

● 862
5862



		5	5
尺寸 · Size	∅ 1/10 mm	014	018
L	mm	8,0	8,0

HP柄 · Handpiece (HP)



806 104 249524 ...

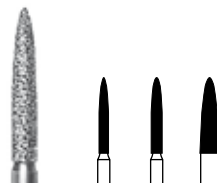
● 862.104. ... 014 018

806 104 249544 ...

● 5862.104. ... - 018

○_{max} 100000 min⁻¹/rpm
火焰形
Flame

● 8863
863
● 6863



		5	5	5
尺寸 · Size	∅ 1/10 mm	012	016	025
L	mm	10,0	10,0	10,0

HP柄 · Handpiece (HP)



806 104 250514 ...

● 8863.104. ... 012 - -

806 104 250524 ...

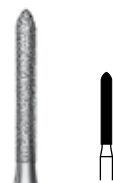
863.104. ... 012 016 025

806 104 250534 ...

● 6863.104. ... - 016 -

○_{max} 100000 min⁻¹/rpm
火焰形, 长
Flame, long

879



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	10,0

HP柄 · Handpiece (HP)



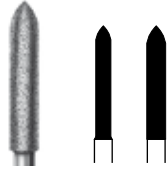
806 104 290524 ...

879.104. ... 014

○_{max} 100000 min⁻¹/rpm
鱼雷形
Torpedo



892



		5	5
尺寸 · Size	∅ 1/10 mm	020	025
L	mm	15,0	15,0

HP柄 · Handpiece (HP)



806 104 292524 ...

892.104. ... 020 025

⊙_{max} 100000 min⁻¹/rpm

鱼雷形

Torpedo

8368
368



		5	
尺寸 · Size	∅ 1/10 mm	023	
L	mm	5,0	

HP柄 · Handpiece (HP)



806 104 257514 ...

8368.104. ... 023

806 104 257524 ...

368.104. ... 023

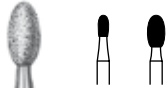
⊙_{max} 100000 min⁻¹/rpm

花蕾形

Bud

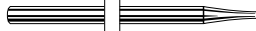
454

379



		5	5
尺寸 · Size	∅ 1/10 mm	014	023
L	mm	2,8	4,2

HP柄 · Handpiece (HP)



806 104 277524 ...

379.104. ... 014 023

⊙_{max} 100000 min⁻¹/rpm

卵形

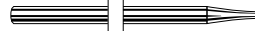
Egg

8390
390



		5	
尺寸 · Size	∅ 1/10 mm	016	
L	mm	3,5	

HP柄 · Handpiece (HP)



806 104 274514 ...

8390.104. ... 016

806 104 274524 ...

390.104. ... 016

⊙_{max} 100000 min⁻¹/rpm

手雷形

Grenade

5896



		5	
尺寸 · Size	∅ 1/10 mm	080	
L	mm	17,0	

HP柄 · Handpiece (HP)



806 104 260544 ...

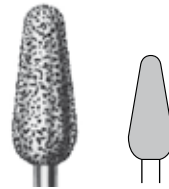
5896.104. ... 080

⊙_{max} 35000 min⁻¹/rpm

花蕾形

Bud

894



		5	
尺寸 · Size	∅ 1/10 mm	060	
L	mm	14,0	

HP柄 · Handpiece (HP)



806 104 263524 ...

894.104. ... 060

⊙_{max} 50000 min⁻¹/rpm

花蕾形

Bud



ZR系列金刚砂车针

ZR-Diamonds

Efficient rework of ZrO₂ in the dental laboratory

ZR-Diamonds for zirconia represent a new generation of tools. They are to be used in the lab turbine!

Advantages:

- Special bond
- High material reduction
- Longer service life than conventional diamond instruments

Recommended speed:

○_{opt.} 160,000 rpm

用于齿科技工室的高效二氧化锆车针

ZR系列金刚砂车针专用于二氧化锆材料的新一代工具。适用于技工室的涡轮工具。

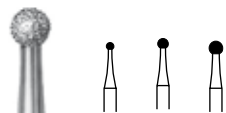
优点：

- 特殊的粘结系统
- 高效去除材料
- 比传统金刚砂器械使用寿命长

建议转速：

○_{opt.} 最佳转速为每分钟160,000转

●○ ZR 6801



			5	5	5
尺寸 · Size	∅ 1/10 mm		010	014	018

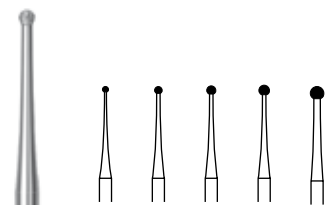
FG · Friction Grip (FG)



●○	ZR6801.314. ...	010	014	018
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用于技工室涡轮_手机上修磨二氧化锆修复体球钻
For work on ZrO₂ with the laboratory turbine
Round

●○ ZR 8801 L ●○ ZR 801 L ●○ ZR 6801 L



			5	5	5	5	5
尺寸 · Size	∅ 1/10 mm		008	010	012	014	018

FGL · Friction Grip long (FGL)



●○	ZR8801L.315. ...	008	010	-	014	018
●○	ZR801L.315. ...	-	-	012	014	-
●○	ZR6801L.315. ...	-	-	-	014	018

○_{max.} 300000 min⁻¹/rpm

用于技工室涡轮_手机上修磨二氧化锆修复体球钻
For work on ZrO₂ with the laboratory turbine
Round



new



● ○ ZR 6390



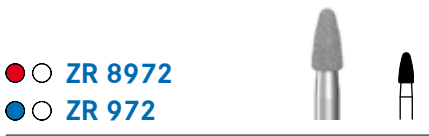
		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	3,5

FG · Friction Grip (FG)



● ○ ZR6390.314. ... 016

用于技工室涡轮_手机上修磨二氧化锆修复体手雷形
For work on ZrO₂ with the laboratory turbine
Grenade



● ○ ZR 8972

● ○ ZR 972



		5
尺寸 · Size	∅ 1/10 mm	020
L	mm	4,0

FG · Friction Grip (FG)



● ○ ZR8972.314. ... 020

● ○ ZR972.314. ... 020

○_{max} 300000 min⁻¹/rpm
用于技工室涡轮_手机上修磨二氧化锆修复体
手雷形
For work on ZrO₂ with the laboratory turbine
Grenade

456



● ○ ZR 8390 L

● ○ ZR 390 L



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	3,4

FGL · Friction Grip long (FGL)



● ○ ZR8390L.315. ... 014

● ○ ZR390L.315. ... 014

○_{max} 300000 min⁻¹/rpm
用于技工室涡轮_手机上修磨二氧化锆修复体手雷形
For work on ZrO₂ with the laboratory turbine
Grenade



● ○ ZR 8881

● ○ ZR 6881



		5	5
尺寸 · Size	∅ 1/10 mm	012	016
L	mm	8,0	8,0

FG · Friction Grip (FG)



● ○ ZR6881.314. ... 012 016

FGL · Friction Grip long (FGL)



● ○ ZR8881.315. ... - +016

+ = ○_{max} 300000 min⁻¹/rpm
用于技工室涡轮_手机上修磨二氧化锆修复体圆柱形
For work on ZrO₂ with the laboratory turbine
Cylinder round



● ○ ZR 6856



		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	8,0

FG · Friction Grip (FG)



● ○ ZR6856.314. ... 025

○_{max} 300000 min⁻¹/rpm
用于技工室涡轮_手机上修磨二氧化锆修复体圆头截
锥形
For work on ZrO₂ with the laboratory turbine
Round end taper



● ○ ZR 6830 L



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	5,0

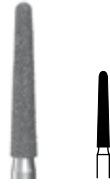
FG · Friction Grip (FG)



● ○ ZR6830L.314. ... 014

用于技工室涡轮_手机上修磨二氧化锆修复体梨形
For work on ZrO₂ with the laboratory turbine
Pear

- ○ ZR 8850
- ○ ZR 850
- ○ ZR 6850



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	10,0
角度 · Angle	α	2°

FG · Friction Grip (FG)

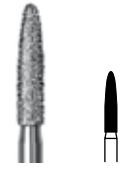


- ○ ZR8850.314. ... 016
- ○ ZR850.314. ... 016
- ○ ZR6850.314. ... 016

用于技工室涡轮_手机上修磨二氧化锆修复体长圆头截锥形

For work on ZrO₂ with the laboratory turbine
Long round end taper

- ○ ZR 862



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	8,0

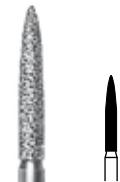
FG · Friction Grip (FG)



- ○ ZR862.314. ... 016

用于技工室涡轮_手机上修磨二氧化锆修复体火焰形
For work on ZrO₂ with the laboratory turbine
Flame

- ○ ZR 8863
- ○ ZR 863



		5
尺寸 · Size	∅ 1/10 mm	014
L	mm	10,0

FG · Friction Grip (FG)



- ○ ZR8863.314. ... 014
- ○ ZR863.314. ... 014

○_{max.} 300000 min⁻¹/rpm

用于技工室涡轮_手机上修磨二氧化锆修复体火焰形
For work on ZrO₂ with the laboratory turbine
Flame



- ○ ZR 8379
- ○ ZR 379
- ○ ZR 6379



		5	5
尺寸 · Size	∅ 1/10 mm	014	023
L	mm	2,8	4,2

FG · Friction Grip (FG)



- ○ ZR8379.314. ... 014 -
- ○ ZR379.314. ... 014 -
- ○ ZR6379.314. ... 014 +023

+ = \odot_{max} 300000 min⁻¹/rpm

用于技工室涡轮_车机上修磨二氧化锆修复体卵形/橄榄球形

For work on ZrO₂ with the laboratory turbine
Egg/Football

- ○ ZR 8379 L
- ○ ZR 379 L



		5	5
尺寸 · Size	∅ 1/10 mm	014	023
L	mm	2,9	4,3

FGL · Friction Grip long (FGL)



- ○ ZR8379L.315. ... 014 023
- ○ ZR379L.315. ... 014 -

\odot_{max} 300000 min⁻¹/rpm

用于技工室涡轮_车机上修磨二氧化锆修复体卵形/橄榄球形, 长颈

For work on ZrO₂ with the laboratory turbine
Egg/Football, long neck



●○ ZR 943

		5	5	5
尺寸 · Size	Ø 1/10 mm	065	080	100
涂层 · Coating	mm	1,0	1,0	1,0
L	mm	0,3	0,3	0,3

FG · Friction Grip (FG)



●○ ZR943.314. ...	065	080	100
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○_{max} 300000 min⁻¹/rpm

双面涂覆金刚砂用于技工室涡轮手机上修磨二氧化锆修复体 不能用于临床治疗！

Double sided

For work on ZrO₂ with the laboratory turbine

Not for intraoral use!



4447.000



MDT Jan Holger Bellmann建议用于二氧化锆的套装

Set for work on ZrO₂ as suggested by MDT Jan Holger Bellmann

●○	ZR688.1.314.016	1	
●○	ZR6856.314.025	1	
●○	ZR862.314.016	1	
●○	ZR888.1.315.016	1	
●○	ZR8850.314.016	1	
●○	ZR8379L.315.014	1	
●○	ZR8801L.315.010	1	



烧结的金刚砂

Sintered Diamonds

Sintered diamonds (DSB)

Grinders with sintered bond, interspersed with diamond grit.

Advantages:

- Extra-long service life
- Dimensionally stable
- Very little dust generation
- High economic efficiency

Suited for:

- Ceramics
- Chrome cobalt

Clean and sharpen regularly with cleaning stone 9750.

Recommended speed:

○_{opt.} 15,000 rpm

烧结的金刚砂 (DSB)

将金刚砂砂粒与粘结剂烧结在一起,

优点：

- 加长使用寿命
- 尺寸稳定
- 极少产尘
- 高效经济

适用于：

- 陶瓷
- 铬钴合金

用清洁石清洁和锋化

建议转速：

○_{opt.} 最佳转速为每分钟15,000转



		5	5
尺寸 · Size	∅ 1/10 mm	018	023

HP柄 · Handpiece (HP)



807 104 001524 ...

7801.104. ...

018 023

807 104 001534 ...

76801.104. ...

- 023

○_{max.} 100000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB球钻
With sintered bond/DSB
Round



		5	5	5	5	5	5
尺寸 · Size	∅ 1/10 mm	018	021	029	037	047	080
L	mm	0,9	1,2	1,5	2,2	2,5	3,0

HP柄 · Handpiece (HP)



807 104 014524 ...

7805.104. ...

018 021 029 - - 080

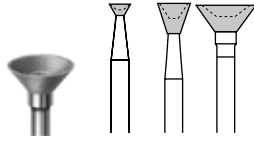
807 104 014534 ...

76805.104. ...

018 021 029 037 047 -

◇ = ○_{max.} 35000 min⁻¹/rpm
◆ = ○_{max.} 80000 min⁻¹/rpm
■ = ○_{max.} 100000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB倒锥形
With sintered bond/DSB
Inverted cone

7928



		5	5	5
尺寸 · Size	∅ 1/10 mm	029	045	080
L	mm	1,5	4,0	3,5

HP柄 · Handpiece (HP)



807 104 030524 ...

7928.104. ... ◀029 ◀045 ◀080

◊ = \odot_{\max} 40000 min⁻¹/rpm

◈ = \odot_{\max} 80000 min⁻¹/rpm

金刚砂以烧结方式粘附/DSB中空倒锥形

With sintered bond/DSB

Hollow inverted cone

7825

76825



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	023	040	047	080
L	mm	0,8	1,2	1,4	2,2

HP柄 · Handpiece (HP)



807 104 304524 ...

7825.104. ... - ■040 - -

807 104 304534 ...

76825.104. ... ■023 ■040 ◈047 ◈080

◊ = \odot_{\max} 35000 min⁻¹/rpm

◈ = \odot_{\max} 80000 min⁻¹/rpm

■ = \odot_{\max} 100000 min⁻¹/rpm

金刚砂以烧结方式粘附/DSB刀刃形

With sintered bond/DSB

Lenticular

76881



		5
尺寸 · Size	∅ 1/10 mm	029
L	mm	8,0

HP柄 · Handpiece (HP)



807 104 141534 ...

76881.104. ... 029

\odot_{\max} 100000 min⁻¹/rpm

金刚砂以烧结方式粘附/DSB圆柱形

With sintered bond/DSB

Cylinder round

76859



		5
尺寸 · Size	∅ 1/10 mm	029
L	mm	9,0

HP柄 · Handpiece (HP)



807 104 166534 ...

76859.104. ... 029

\odot_{\max} 100000 min⁻¹/rpm

金刚砂以烧结方式粘附/DSB

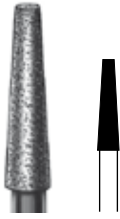
Tapered pointed

With sintered bond/DSB

Tapered pointed



7848



		5
尺寸 · Size	∅ 1/10 mm	029
L	mm	12,0

HP柄 · Handpiece (HP)



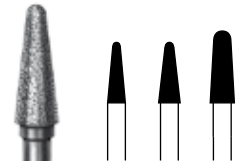
807 104 174524 ...

7848.104. ... 029

⊙_{max} 100000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB平头截锥形
With sintered bond/DSB
Flat end taper

7856

76856



		5	5	5
尺寸 · Size	∅ 1/10 mm	023	029	033
L	mm	8,0	8,0	9,5

HP柄 · Handpiece (HP)



807 104 198524 ...

7856.104. ... 023 029 -

807 104 198534 ...

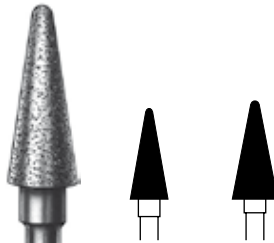
76856.104. ... - - 033

⊙_{max} 100000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB圆头截锥形
With sintered bond/DSB
Round end taper

462

7852

76852



		5	5
尺寸 · Size	∅ 1/10 mm	050	060
L	mm	12,0	13,0

HP柄 · Handpiece (HP)



807 104 200524 ...

7852.104. ... ◊050 -

807 104 200534 ...

76852.104. ... - ◊060

◊ = ⊙_{max} 50000 min⁻¹/rpm
◈ = ⊙_{max} 80000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB针形
With sintered bond/DSB
Needle

7862



		5	5
尺寸 · Size	∅ 1/10 mm	016	029
L	mm	8,0	8,0

HP柄 · Handpiece (HP)



807 104 243524 ...

7862.104. ... 016 029

⊙_{max} 100000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB火焰形
With sintered bond/DSB
Flame

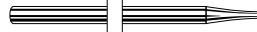


● 7351
● 76351



		5
尺寸 · Size	∅ 1/10 mm	050
L	mm	10,0

HP柄 · Handpiece (HP)



807 104 263524 ...

● 7351.104. ... 050

807 104 263534 ...

● 76351.104. ... 050

⊙_{max.} 80000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB圆头截锥形
With sintered bond/DSB
Round end taper



● 76251
● 75251



		5
尺寸 · Size	∅ 1/10 mm	060
L	mm	13,0

HP柄 · Handpiece (HP)



807 104 274534 ...

● 76251.104. ... 060

807 104 274544 ...

● 75251.104. ... 060

⊙_{max.} 50000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB
手雷形
With sintered bond/DSB
Grenade



76801



		5
尺寸 · Size	∅ 1/10 mm	023

FG · Friction Grip (FG)



807 314 001534 ...

76801.314. ... 023

⊙_{max} 300000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB球钻
With sintered bond/DSB
Round

76805



		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	1,2

FG · Friction Grip (FG)



807 314 014534 ...

76805.314. ... 021

⊙_{max} 300000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB倒锥形
With sintered bond/DSB
Inverted cone

464

76825



		5
尺寸 · Size	∅ 1/10 mm	023
L	mm	0,8

FG · Friction Grip (FG)



807 314 304534 ...

76825.314. ... 023

⊙_{max} 300000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB刀刃形
With sintered bond/DSB
Lenticular

7390



		5
尺寸 · Size	∅ 1/10 mm	016
L	mm	3,5

FG · Friction Grip (FG)



807 314 274524 ...

7390.314. ... 016

⊙_{max} 300000 min⁻¹/rpm
金刚砂以烧结方式粘附/DSB
手雷形
With sintered bond/DSB
Grenade



9750

尺寸 · Dimensions	mm	100 x 25 x 13
-----------------	----	---------------

金刚砂器械的清洁石
Cleaning stone for diamond instruments



金刚砂与陶瓷粘结 (DCB)

Diamonds with ceramic bond (DCB)

Diamonds with ceramic bond
Interspersed with diamond grit.

Advantages:

- Effective on all types of ceramics, including zirconium oxide
- Gentle work without applying pressure
- Achieve extreme fine surfaces, e.g. 4 - 6 μm on zirconium oxide
- Optimal service life

Recommended speed:

○_{opt.} 12,000 rpm

Hint:

For optional cooling hold ceramic frame with a wet sponge and squeeze out water while grinding.

金刚砂砂粒与陶瓷粘结

优点：

- 高效工作于所有种类的陶瓷包括二氧化锆
- 温和的工作部产生压力
- 实现及其精细的表面，例如，4-6 μm 的二氧化锆
- 最佳使用寿命

建议转速：

○_{opt.} 最佳转速为每分钟12,000转

提示：

对于理想的陶瓷结构冷却手柄，用湿海绵擦去研磨时的水。

DCB 1



		5
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	025
L	mm	7,0

HP柄 · Handpiece (HP)



DCB1.104. ... 025

○_{max.} 35000 min⁻¹/rpm

○_{opt.} 12000 min⁻¹/rpm

适用于研磨包括二氧化锆在内的所有类型陶瓷，也可用于硬质金属合金

For grinding all types of ceramics including zirconia, but also works on hard metal alloys

DCB 2 DCB 2 C



		5	5
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	048	065
L	mm	13,0	13,0

HP柄 · Handpiece (HP)



DCB2.104. ... 048 065

○_{max.} 30000 min⁻¹/rpm

○_{opt.} 12000 min⁻¹/rpm

适用于研磨包括二氧化锆在内的所有类型陶瓷，也可用于硬质金属合金

For grinding all types of ceramics including zirconia, but also works on hard metal alloys

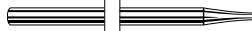


DCB 3
DCB 3 C



		5
尺寸 · Size	∅ 1/10 mm	040
L	mm	11,0

HP柄 · Handpiece (HP)



DCB3.104. ... 040

DCB3C.104. ... 040

⊙_{max.} 35000 min⁻¹/rpm
⊙_{opt.} 12000 min⁻¹/rpm

适用于研磨包括二氧化锆在内的所有类型陶瓷，也可用于硬质金属合金

For grinding all types of ceramics including zirconia, but also works on hard metal alloys

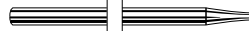


DCB 4
DCB 4 C



		5
尺寸 · Size	∅ 1/10 mm	120
L	mm	2,5

HP柄 · Handpiece (HP)



DCB4.104. ... 120

DCB4C.104. ... 120

⊙_{max.} 25000 min⁻¹/rpm
⊙_{opt.} 12000 min⁻¹/rpm

适用于研磨包括二氧化锆在内的所有类型陶瓷，也可用于硬质金属合金

For grinding all types of ceramics including zirconia, but also works on hard metal alloys



DCB 5



		5
尺寸 · Size	∅ 1/10 mm	220
L	mm	2,0

HP柄 · Handpiece (HP)



DCB5.104. ... 220

⊙_{max.} 25000 min⁻¹/rpm
⊙_{opt.} 12000 min⁻¹/rpm

适用于研磨包括二氧化锆在内的所有类型陶瓷，也可用于硬质金属合金

For grinding all types of ceramics including zirconia, but also works on hard metal alloys

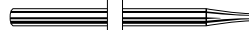


DCB 6



		5
尺寸 · Size	∅ 1/10 mm	120
L	mm	6,8

HP柄 · Handpiece (HP)



DCB6.104. ... 120

⊙_{max.} 25000 min⁻¹/rpm
⊙_{opt.} 12000 min⁻¹/rpm

适用于研磨包括二氧化锆在内的所有类型陶瓷，也可用于硬质金属合金

For grinding all types of ceramics including zirconia, but also works on hard metal alloys

new



DCB 7 C



		5
尺寸 · Size	∅ 1/10 mm	220
L	mm	3,0

HP柄 · Handpiece (HP)

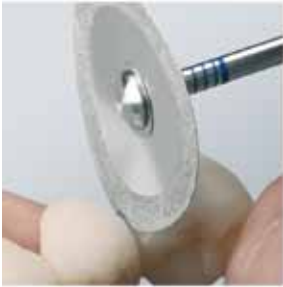


DCB7C.104. ... 220

⊙_{max.} 25000 min⁻¹/rpm
⊙_{opt.} 12000 min⁻¹/rpm

适用于研磨包括二氧化锆在内的所有类型陶瓷，也可用于硬质金属合金

For grinding all types of ceramics including zirconia, but also works on hard metal alloys



Diamond Discs

Discs with galvanic bond and diamond-interspersed discs for all types of application

Komet offers many different versions of diamond discs to suit all types of application, e. g. for separating and contouring of ceramic veneers, trimming of prosthetic acrylics, cutting plaster models and for separating large prosthetic objects.

Advantages:

- A wide range of different diamond discs is available
- Hyperflexible and rigid versions
- Different grit sizes and diameters
- With or without perforation or serrated teeth
- Electroplated or diamondinterspersed
- Discs are delivered readymounted for perfect concentricity and safe application
- Excellent service life

Recommended speed:

Sizes 065 - 140:

☉_{opt.} 25,000 rpm

180:

☉_{opt.} 20,000 rpm

220:

☉_{opt.} 15,000 rpm

≥ 300:

☉_{opt.} 10,000 rpm

金刚砂切割片

带有金刚砂砂粒的切割片适用于各种操作

Komet提供各种型号的金刚砂切割片，用以处理各种情况。例如，瓷贴面的分割和修形，精修丙烯酸义齿，切割塑料模型以及分割大件假体。

优点：

- 大量不同种类的金刚砂切割片已经上市
- 及其灵活和严谨的一款产品
- 不同的沙粒尺寸和直径
- 带或不带锯齿或穿孔
- 电镀的或带金刚砂沙粒
- 切割片使用于已经完成安装操作的安全应用
- 出色的使用寿命

建议转速：

尺寸065-140：

☉_{opt.} 最佳转速为每分钟25,000转

180：

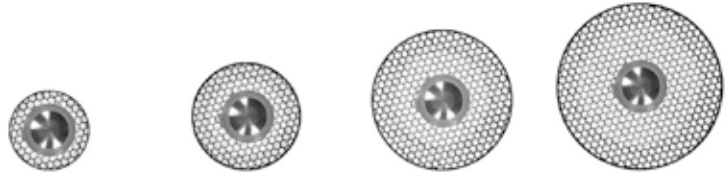
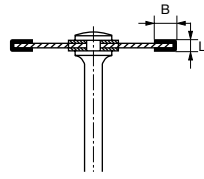
☉_{opt.} 最佳转速为每分钟20,000转

220：

☉_{opt.} 最佳转速为每分钟15,000转

≥ 300：

☉_{opt.} 最佳转速为每分钟10,000转



934
6934



		5	1	1	1
尺寸 · Size	Ø 1/10 mm	100	140	180	220
涂层 · Coating	mm	1,0	2,0	3,0	3,0

HP柄 · Handpiece (HP)



806 104 400524 ...

934.104. ...

◆100

◆140

△180

▲220

806 104 400534 ...

6934.104. ...

-

-

△180

▲220

468

▲ = \bigcirc_{\max} 20000 min⁻¹/rpm

△ = \bigcirc_{\max} 25000 min⁻¹/rpm

◆ = \bigcirc_{\max} 30000 min⁻¹/rpm

934: L = 0,18 mm

6934: L = 0,22 mm

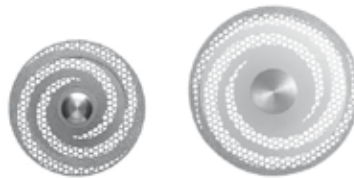
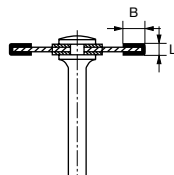
蜂窝型设计用于陶瓷/丙烯酸树脂的超精细成形

934: L = 0.18 mm

6934: L = 0.22 mm

Honeycomb Design

For ultra fine contouring of ceramics/acrylics



6924



		1	1
尺寸 · Size	Ø 1/10 mm	180	220
涂层 · Coating	mm	3,0	3,0
L	mm	0,22	0,22

HP柄 · Handpiece (HP)



6924.104. ...

180

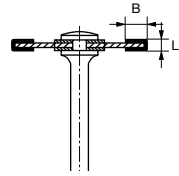
220

\bigcirc_{\max} 25000 min⁻¹/rpm

蜂窝型设计砂片，具有螺旋装强化结构用于陶瓷和丙烯酸树脂的切割和成形修磨

Spiral reinforced disc, honeycomb design

For separating and contouring ceramics/acrylics



● 6924



		1	1
尺寸 · Size	Ø 1/10 mm	300	400
涂层 · Coating	mm	3,0	3,0
L	mm	0,32	0,32

手机 · Handpiece (HP)



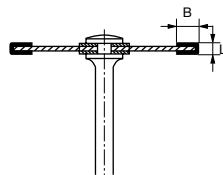
● 6924.104. ...	300	400
-----------------	-----	-----

○_{max} 15000 min⁻¹/rpm

蜂窝型设计砂片，具有螺旋强化结构用于石膏和硬石膏代型

Spiral reinforced disc, honeycomb design

For plaster/stone dies



● 924 XC



		1
尺寸 · Size	Ø 1/10 mm	400
涂层 · Coating	mm	3,0
L	mm	1,10

HP柄 · Handpiece (HP)

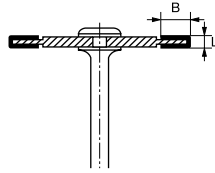


● 924XC.104. ...	400
------------------	-----

○_{max} 15000 min⁻¹/rpm

带有额外凸缘的螺旋强化visionflex磨片，用于开盒塑压陶瓷

Spiral reinforced visionflex disc with extra flange for deflasking pressed ceramics



987 P



		1	1
尺寸 · Size	Ø 1/10 mm	400	480
涂层 · Coating	mm	7,5	9,0
L	mm	0,33	0,33

HP柄 · Handpiece (HP)



987P.104. ...

400

480

470

⊙_{max} 15000 min⁻¹/rpm

边缘锯齿状，两面均覆盖

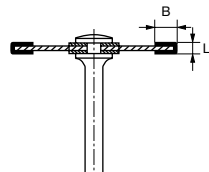
用于石膏与丙烯酸树脂

适用于顺时针与逆时针方向

Serrated, covered on both sides

For plaster or acrylic models

Suitable for clockwise and anticlockwise rotation



● 8964



		1
尺寸 · Size	Ø 1/10 mm	300
涂层 · Coating	mm	3,0
L	mm	0,30

HP柄 · Handpiece (HP)



806 104 3775 14 ...

● 8964.104. ...

300

⊙_{max} 15000 min⁻¹/rpm

锯齿状，双面涂覆金刚砂仅用于顺时针旋转石膏/硬石膏最大切割深度11.5mm不建议用于陶瓷

Serrated, double sided

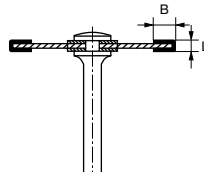
For clockwise rotation only

Plaster/stone

Max. cutting depth 11.5 mm

Not recommended for ceramics

- 911 HEF
- 911 H
- 6911 H



		1	1	1
尺寸 · Size	Ø 1/10 mm	140	180	220
涂层 · Coating	mm	2,0	3,0	3,0

手机 · Handpiece (HP)



806 104 355504 ...	● 911HEF.104. ...	-	△180	▲220
806 104 355514 ...	● 911H.104. ...	◆140	△180	▲220
806 104 355534 ...	● 6911H.104. ...	-	△180	▲220

▲ = \bigcirc_{\max} 20000 min⁻¹/rpm

△ = \bigcirc_{\max} 25000 min⁻¹/rpm

◆ = \bigcirc_{\max} 30000 min⁻¹/rpm

911HEF: L = 0,10 mm

911H: L = 0,15 mm

6911H: L = 0,20 mm

双面涂覆金刚砂用于陶瓷的切割和成形修磨

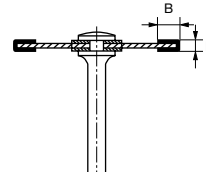
911HEF: L = 0.10 mm

911H: L = 0.15 mm

6911H: L = 0.20 mm

Double sided

For seperating and contouring of ceramics



911 HK
6911 HK



		1	1
尺寸 · Size	Ø 1/10 mm	180	220
涂层 · Coating	mm	3,0	3,0
HP柄 · Handpiece (HP)			
	911HK.104. ...	▲180	▲220
	6911HK.104. ...	▲180	▲220

▲ = \odot_{max} 20000 min⁻¹/rpm

△ = \odot_{max} 25000 min⁻¹/rpm

911HK: L = 0,20 mm

6911HK: L = 0,22 mm

双面涂覆金刚砂用于陶瓷的切割和成形修磨柄部经过特殊设计，避免出现摆动

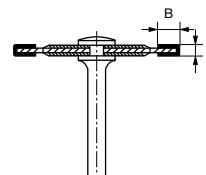
911HK: L = 0.20 mm

6911HK: L = 0.22 mm

Double sided

For separating and contouring ceramics

Special construction of blank avoids wobbling



911 HF
6911 HF



		1
尺寸 · Size	Ø 1/10 mm	220
涂层 · Coating	mm	3,0
L	mm	0,17
HP柄 · Handpiece (HP)		
	806 104 355514 ...	
	911HF.104. ...	220
	6911HF.104. ...	220

\odot_{max} 20000 min⁻¹/rpm

911HF: L = 0,15 mm

6911HF: L = 0,20 mm

双面涂覆金刚砂强化以增加硬度用于陶瓷的直型切割

911HF: L = 0.15 mm

6911HF: L = 0.20 mm

Double sided

Reinforced for increased rigidity

For straight separating of ceramics

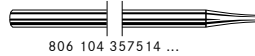


911 HV



		1	1
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	180	220
涂层 · Coating	mm	3,0	3,0
L	mm	0,10	0,10

HP柄 · Handpiece (HP)



806 104 357514 ...

911HV.104. ...

△180

▲220

▲ = \varnothing_{max} 20000 min⁻¹/rpm

△ = \varnothing_{max} 25000 min⁻¹/rpm

上表面涂覆金刚砂用于陶瓷的切割和成形修磨

Upper side coated

For fine separating and contouring of ceramics

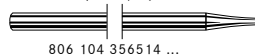


911 HH



		1	1
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	180	220
涂层 · Coating	mm	3,0	3,0
L	mm	0,10	0,10

HP柄 · Handpiece (HP)



806 104 356514 ...

911HH.104. ...

△180

▲220

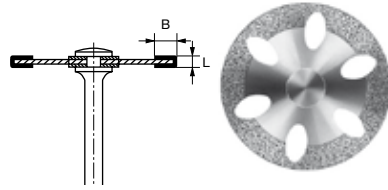
▲ = \varnothing_{max} 20000 min⁻¹/rpm

△ = \varnothing_{max} 25000 min⁻¹/rpm

下表面涂覆金刚砂用于陶瓷的切割和成形修磨

Lower side coated

For fine separating and contouring of ceramics



911 HP



		1
尺寸 · Size	∅ 1/10 mm	220
涂层 · Coating	mm	3,0
L	mm	0,15

HP柄 · Handpiece (HP)



806 104 317514 ...

911HP.104. ...

220

474

○_{max} 20000 min⁻¹/rpm

双面涂覆金刚砂涂层用于陶瓷/丙烯酸树脂的精细切割

Double sided

For fine separating of ceramics/acrylics



942

6942



		1	1
尺寸 · Size	∅ 1/10 mm	140	200
涂层 · Coating	mm	1,5	2,0
L	mm	0,17	0,17

HP柄 · Handpiece (HP)



806 104 354524 ...

942.104. ...

◆140

▲200

806 104 354534 ...

6942.104. ...

-

▲200

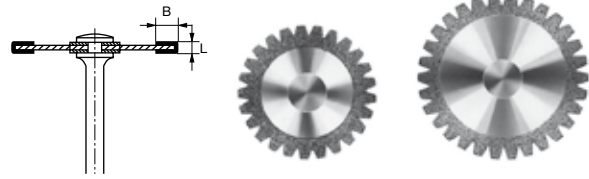
▲ = ○_{max} 20000 min⁻¹/rpm

◆ = ○_{max} 30000 min⁻¹/rpm

柔软，由于器械边缘含金刚砂，因此具有较长的使用寿命用于陶瓷的切割

Flexible, longer service life due to diamond interspersed edge

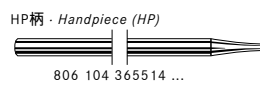
For separating of ceramics



946



		1	1
尺寸 · Size	Ø 1/10 mm	180	220
涂层 · Coating	mm	3,0	3,0
L	mm	0,20	0,20



946.104. ...

△180

▲220

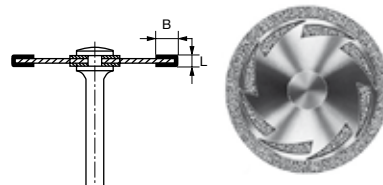
▲ = ○_{max.} 20000 min⁻¹/rpm

△ = ○_{max.} 25000 min⁻¹/rpm

柔软, 锯齿状, 双面涂覆金刚砂, 超细颗粒用于丙烯酸树脂的切割和成形修磨

Flexible, serrated, double sided, extra fine grit

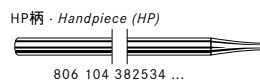
For separating and contouring acrylics



936



		1
尺寸 · Size	Ø 1/10 mm	220
涂层 · Coating	mm	3,0
L	mm	0,25



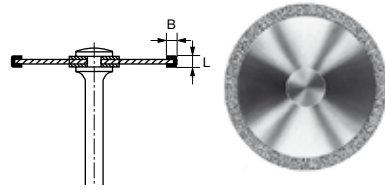
936.104. ...

220

○_{max.} 20000 min⁻¹/rpm

用于陶瓷、石膏和丙烯酸树脂粗略成形修磨

For rough contouring of ceramics, plaster and acrylics

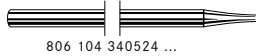


911



		1
尺寸 · Size	∅ 1/10 mm	220
涂层 · Coating	mm	1,5
L	mm	0,30

HP柄 · Handpiece (HP)



806 104 340524 ...

911.104. ...

220

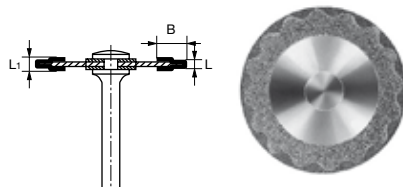
476

⊙_{max} 20000 min⁻¹/rpm

双面涂覆金刚砂 用于陶瓷的切割和成形修磨

Double sided

For seperating and contouring of ceramics



984



		1
尺寸 · Size	∅ 1/10 mm	220
涂层 · Coating	mm	3,0
L	mm	0,15
L ₁	mm	0,25

HP柄 · Handpiece (HP)



984.104. ...

220

⊙_{max} 20000 min⁻¹/rpm

超弹性, 双面涂覆金刚砂用于陶瓷的切割和成形修磨中等和细颗粒

Hyperflexible, double sided

For seperating and contouring of ceramics

Medium and fine grit



943



		5	5	5
尺寸 · Size	Ø 1/10 mm	065	080	100
涂层 · Coating	mm	1,0	1,0	1,0
L	mm	0,15	0,15	0,15

HP柄 · Handpiece (HP)



806 104 361514 ...

943.104. ...

◊065

◊080

◊100

◊ = O_{max} 30000 min⁻¹/rpm

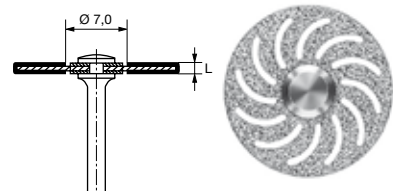
◊ = O_{max} 35000 min⁻¹/rpm

◊ = O_{max} 40000 min⁻¹/rpm

双面涂覆金刚砂用于陶瓷的精细切割

Double sided

For fine separating of ceramics



983



		1
尺寸 · Size	Ø 1/10 mm	220
L	mm	0,10

HP柄 · Handpiece (HP)



806 104 401514 ...

983.104. ...

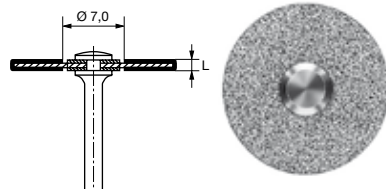
220

O_{max} 20000 min⁻¹/rpm

超弹性, 双面涂覆金刚砂, 超细颗粒用于陶瓷的超精细切割和成形修磨

Hyperflexible, double sided, ultra fine grit

For super fine separating and contouring of ceramics



940



		1
尺寸 · Size	∅ 1/10 mm	220
L	mm	0,18

HP柄 · Handpiece (HP)



806 104 358514 ...

940.104. ...

220

478

○_{max} 20000 min⁻¹/rpm

双面涂覆金刚砂，细颗粒用于陶瓷切割和粗略成形修磨

Double sided, fine grit

For seperating and rough contouring of ceramics



918 B



		1	1	1
尺寸 · Size	∅ 1/10 mm	180	200	220
L	mm	0,30	0,30	0,30

HP柄 · Handpiece (HP)



806 104 345524 ...

918B.104. ...

▲180

▲200

▲220

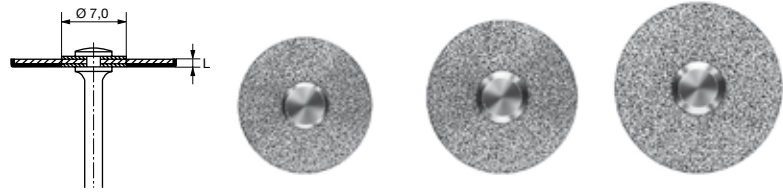
▲ = ○_{max} 20000 min⁻¹/rpm

△ = ○_{max} 25000 min⁻¹/rpm

双面涂覆金刚砂用于陶瓷切割和粗略成形修磨

Double sided

For seperating and rough contouring of ceramics

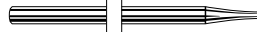


919



		1	1	1
尺寸 · Size	Ø 1/10 mm	180	200	220
L	mm	0,20	0,20	0,20

HP柄 · Handpiece (HP)



806 104 346524 ...

919.104. ...

▲180

▲200

▲220

▲ = \odot_{max} 20000 min¹/rpm

△ = \odot_{max} 25000 min¹/rpm

下面涂层用于陶瓷切割和粗略成形修磨

Lower side coated

For seperating and rough contouring of ceramics



918 PB



		1	1
尺寸 · Size	Ø 1/10 mm	180	220
L	mm	0,30	0,30

HP柄 · Handpiece (HP)



806 104 350524 ...

918PB.104. ...

▲180

▲220

▲ = \odot_{max} 20000 min¹/rpm

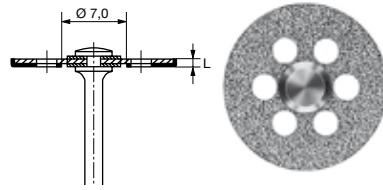
△ = \odot_{max} 25000 min¹/rpm

双面涂覆金刚砂 用于陶瓷的粗略切割和成形修磨

Double sided

For seperating and rough contouring of ceramics





919 P



		1
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	220
L	mm	0,20

HP柄 · Handpiece (HP)



806 104 35 1524 ...

919P.104. ...

220

480

\varnothing_{\max} 20000 min⁻¹/rpm

双面涂覆金刚砂 用于陶瓷的粗略切割和成形修磨

Lower side coated

For seperating and rough contouring of ceramics



7818



		5
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	080
L	mm	0,50

HP柄 · Handpiece (HP)



807 104 04 1524 ...

7818.104. ...

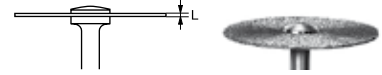
080

\varnothing_{\max} 35000 min⁻¹/rpm

金刚砂以烧结方式粘附的金刚砂磨片

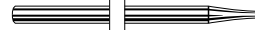
Diamond disc with sintered bond

● 7941
● 76941



		1
尺寸 · Size	∅ 1/10 mm	200
L	mm	0,40

HP柄 · Handpiece (HP)



807 104 327524 ...

7941.104. ...

200

807 104 327534 ...

76941.104. ...

200

⊙_{max} 20000 min⁻¹/rpm

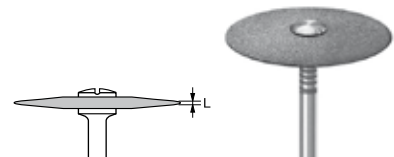
纯金刚砂片

Diamond disc with sintered bond

481



● K 6974



		1
尺寸 · Size	∅ 1/10 mm	220
L	mm	0,3

HP柄 · Handpiece (HP)



K6974.104. ...

220

⊙_{max} 20000 min⁻¹/rpm

树脂粘结金刚砂磨片用于陶瓷和金属合金的切割和修整不在陶瓷表面上留下黑色印痕

Diamond disc with resin bond

For separating and trimming of ceramics and metal alloys

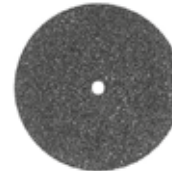
Does not leave black marks on ceramics



切割片
Separating discs



切割片,
加强型
Separating discs,
reinforced 484-485



切割片
Separating discs 486-487



Separating discs  切割片

Separating discs 484 - 487 切割片



切割片

用于模型，冠和桥技术。

优点：

- 用于硬树脂粘结的切割片
- 高效切割
- 低产热
- 不易碎的加强型版本

建议转速：

尺寸190-250：

○_{opt.} 最佳转速为每分钟20,000转

尺寸340-400：

○_{opt.} 最佳转速为每分钟10,000转

Separating Discs

for model cast, crown and bridge technique.

Advantages:

- Separating disk with hard resin bond
- Fast cutting
- Low heat development
- Reinforced versions for less fragility

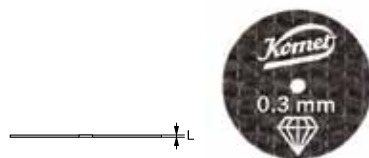
Recommended speed:

Sizes 190 - 250:

○_{opt.} 20,000 rpm

Sizes 340 - 400:

○_{opt.} 10,000 rpm



9527



		50
尺寸 · Size	∅ 1/10 mm	200
L	mm	0,3

未安装 · not mounted

9527.900. ...

200

○_{max.} 25000 min⁻¹/rpm

纤维强化，含金刚砂颗粒用于陶瓷和非贵金属合金

Fibre reinforced, interspersed with diamond grit

For ceramics and non-precious metal alloys

9528



		100	100
尺寸 · Size	Ø 1/10 mm	220	260
L	mm	0,2	0,2

未安装 · not mounted

9528.900. ...

220

260

○_{max.} 25000 min⁻¹/rpm

纤维强化, 用于贵金属合金

Fibre reinforced, for precious metal alloys

9529



		100	100
尺寸 · Size	Ø 1/10 mm	220	260
L	mm	0,3	0,3

未安装 · not mounted

9529.900. ...

220

260

○_{max.} 25000 min⁻¹/rpm

纤维强化, 用于贵金属合金和非贵金属合金

Fibre reinforced, for precious metal and non-precious metal alloys

9530



		100	50
尺寸 · Size	Ø 1/10 mm	220	400
L	mm	0,5	0,5

未安装 · not mounted

9530.900. ...

△220

○400

○ = ○_{max.} 15000 min⁻¹/rpm

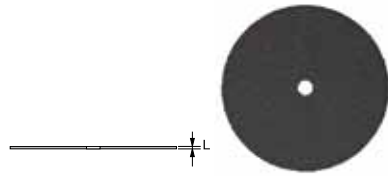
△ = ○_{max.} 25000 min⁻¹/rpm

纤维强化, 用于贵金属合金

Fibre reinforced, for precious metal alloys



切割片 | 切割片
Separating discs | Separating discs



9506



		100
尺寸 · Size	∅ 1/10 mm	220
粒度类型 · Grit version		ultra fine
L	mm	0,2

未安装 · not mounted

653 900 327494 ...

9506.900. ...

220

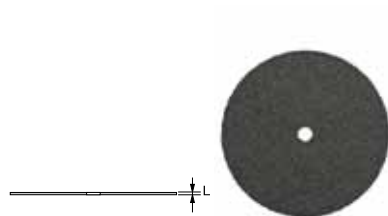
⊙_{max} 25000 min⁻¹/rpm

黑色用于分割冠桥

Black

For separating in crown and bridge technique

486



9500



		100
尺寸 · Size	∅ 1/10 mm	220
粒度类型 · Grit version		extra fine
L	mm	0,3

未安装 · not mounted

653 900 327504 ...

9500.900. ...

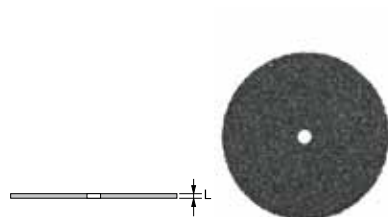
220

⊙_{max} 25000 min⁻¹/rpm

黑色用于分割冠桥

Black

For separating in crown and bridge technique



9512



		100
尺寸 · Size	∅ 1/10 mm	220
粒度类型 · Grit version		medium
L	mm	0,6

未安装 · not mounted

653 900 327524 ...

9512.900. ...

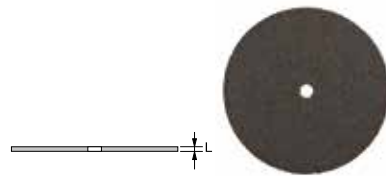
220

⊙_{max} 25000 min⁻¹/rpm

黑色用于分割铸模和桥体

Black

For separating in model cast and bridge technique



9501



		100
尺寸 · Size	Ø $\frac{1}{10}$ mm	220
粒度类型 · Grit version		medium
L	mm	0,6

未安装 · not mounted

613 900 327524 ...

9501.900. ...

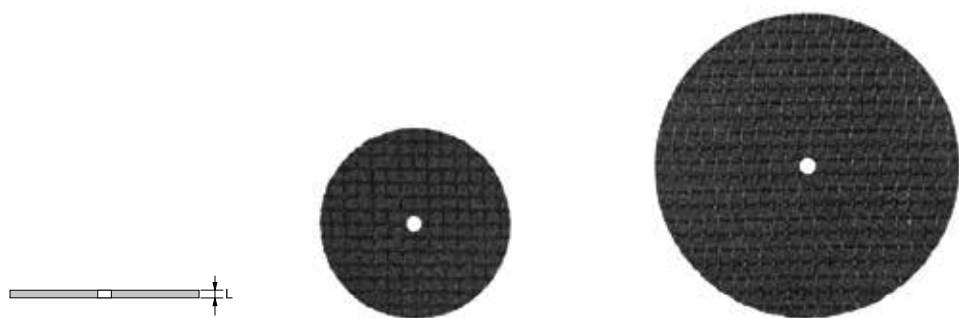
220

○_{max.} 25000 min⁻¹/rpm

棕色用于分割铸模和桥体

Brown

For separating in model cast and bridge technique



9507



		10	10
尺寸 · Size	Ø $\frac{1}{10}$ mm	250	400
粒度类型 · Grit version		coarse	coarse
L	mm	1,0	1,0

未安装 · not mounted

613 900 371534 ...

9507.900. ...

△250

○400

○ = ○_{max.} 15000 min⁻¹/rpm

△ = ○_{max.} 25000 min⁻¹/rpm

纤维强化, 棕色用于铸模切割和牙桥技术

Fibre reinforced, brown

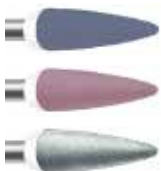
For separating in model cast and bridge technique



陶瓷抛光
Ceramic polishers



带金刚砂粒的二氧化锆
2步系统
2-step system
for zirconium oxide
with diamond grit 490-492



带金刚砂粒的3步系统
3-step system
with diamond grit 493-497



粗锥形
Tapered abrasive 497

金属抛光
Metal polishers



非贵金属合金和贵金属合金
的2步系统
2-step system for non-precious
metal alloys and alloys
without precious metal 498-499



非贵金属的预抛光
Pre-polishers for
non-precious metal 500-501



2步系统
2-step system 501-503



3步系统
3-step system 503



非贵金属的高亮度抛光
High-shine polisher
for non-precious metal 504

丙烯酸抛光
Acrylic polishers



3步系统
3-step system 505-506

通用抛光
蓝色/白色
Universal polishers
blue/white



用于金属
for metal 507



用于贵金属, 丙烯酸和陶瓷
for precious metal,
acrylics and ceramics 508

毛刷
Brushes



天然鬃毛刷
Natural bristles 509-511



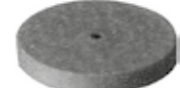
粗软皮
Abrasive buffs 511



钢圈
Steel wire 512



碳化硅毛刷
Silicon carbide brushes 512



毛毡抛光
Felt polisher 513



抛光擦
Polishing mops 513

轴芯
Mandrels



切割片的轴芯
Mandrel for discs 514



锤形轴芯
Spindle-shaped mandrel 515



咬合面抛光的轴芯
Mandrel
for occlusal polishers 515

金刚砂抛光剂
Diamond polishing paste



513



Polishers  抛光器械

<i>Ceramics</i>	490 - 497	陶瓷
<i>Metal</i>	498 - 504	金属
<i>Acrylics</i>	505 - 506	丙烯酸树脂
<i>Universal polishers</i>	507 - 508	通用型抛光器械
<i>Brushes/Paste/Mandrels</i>	509 - 515	抛光刷/抛光膏/柄



94011 C
94011 F



		1	1
尺寸 · Size	Ø 1/10 mm	260	260
L	mm	2,0	2,0
HP柄 · Handpiece (HP)			
		260	-
		-	260

⊙_{max.} 10000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的含金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光
Diamond interspersed polishers for zirconium oxide
For pre-polishing and high-shine polishing

490

94012 C
94012 F



		10	10
尺寸 · Size	Ø 1/10 mm	110	110
L	mm	2,5	2,5
HP柄 · Handpiece (HP)			
		110	-
		-	110

⊙_{max.} 10000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的含金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光
Diamond interspersed polishers for zirconium oxide
For pre-polishing and high-shine polishing

94013 C
94013 F



		5	5
尺寸 · Size	Ø 1/10 mm	170	170
L	mm	2,5	2,5

HP柄 · Handpiece (HP)



94013C.104. ...	170	-
94013F.104. ...	-	170

⊙_{max.} 10000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的合金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光

*Diamond interspersed polishers for zirconium oxide
For pre-polishing and high-shine polishing*

94018 C
94018 F



		10	10
尺寸 · Size	Ø 1/10 mm	055	055
L	mm	17,5	17,5

HP柄 · Handpiece (HP)



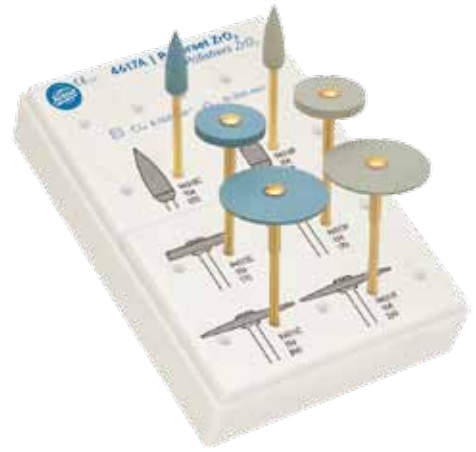
94018C.104. ...	055	-
94018F.104. ...	-	055

⊙_{max.} 10000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的合金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光

*Diamond grit interspersed polishers for high-performance
ceramics (e.g. ZrO₂)
For pre-polishing and high-shine polishing*





94027 C
94027 F



		100	100
尺寸 · Size	∅ 1/10 mm	030	030
L	mm	11,0	11,0

未安装 · not mounted

94027C.900. ... 030 -

94027F.900. ... - 030

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

用于二氧化锆的合金刚砂颗粒的抛光器械
用于预抛光与高亮度抛光

Diamond grit interspersed polishers for high-performance ceramics (e.g. ZrO₂)

For pre-polishing and high-shine polishing

4617 A.104



二氧化锆抛光套装
Polishing set for ZrO₂



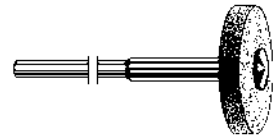
94018C.104.055 1



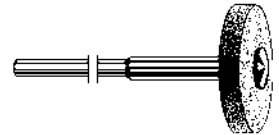
94018F.104.055 1



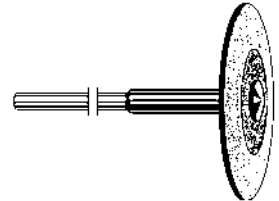
94013C.104.170 1



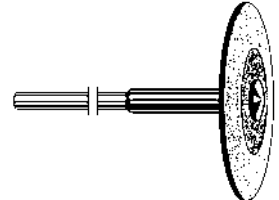
94013F.104.170 1



94011C.104.260 1



94011F.104.260 1



9697
9698
9699



		5	5	5
尺寸 · Size	∅ 1/10 mm	180	180	180
L	mm	0,2	0,2	0,2

未安装 · not mounted

9697.900. ...	180	-	-
9698.900. ...	-	180	-
9699.900. ...	-	-	180

⊖_{max.} 10000 min⁻¹/rpm

⊖_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的陶瓷材料抛光器械用于修整、抛光和高亮度抛光

Polisher for ceramics interspersed with diamond grit

For trimming, polishing and high-shine polishing

310



		6
HP柄 · Handpiece (HP)		
	330 104 608000 ...	
	310.104. ...	

⊖_{max.} 30000 min⁻¹/rpm

抛光盘用柄

Mandrel for polishing discs

94001 C
94001 M
94001 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	055	055	055
L	mm	16,5	16,5	16,5

HP柄 · Handpiece (HP)



94001C.104. ...	055	-	-
94001M.104. ...	-	055	-
94001F.104. ...	-	-	055

⊖_{max.} 15000 min⁻¹/rpm

⊖_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒用于陶瓷的抛光器械用于修整、抛光和高亮度抛光

Polisher for ceramics interspersed with diamond grit

For trimming, polishing and high-shine polishing

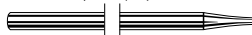


94003 SC
94003 C
94003 M
94003 F



		1	1	1	1
尺寸 · Size	Ø 1/10 mm	260	260	260	260
L	mm	2,0	2,0	2,0	2,0

HP柄 · Handpiece (HP)



94003SC.104. ...	260	-	-	-
94003C.104. ...	-	260	-	-
94003M.104. ...	-	-	260	-
94003F.104. ...	-	-	-	260

⊙_{max.} 10000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒用于陶瓷的抛光器械用于修整、抛光和高亮度抛光

Polisher for ceramics interspersed with diamond grit

For trimming, polishing and high-shine polishing



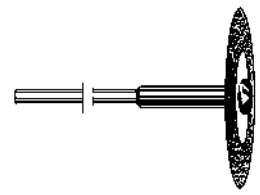
4326 A.104



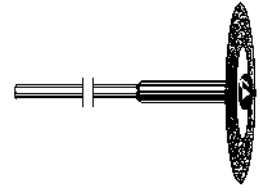
用于陶瓷抛光的器械套装
Set for polishing ceramics



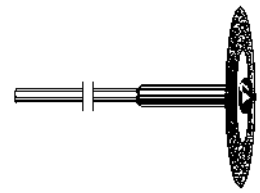
94003C.104.260 1



94003M.104.260 1



94003F.104.260 1





94000 C
94000 M
94000 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	030	030	030
L	mm	7,0	7,0	7,0

HP柄 · Handpiece (HP)



94000C.104. ...	030	-	-
94000M.104. ...	-	030	-
94000F.104. ...	-	-	030

496

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒用于陶瓷的抛光器械用于修整、抛光和高亮度抛光

Polisher for ceramics interspersed with diamond grit
For trimming, polishing and high-shine polishing

9545 C
9545 M
9545 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	110	110	110
L	mm	2,0	2,0	2,0

HP柄 · Handpiece (HP)



9545C.104. ...	110	-	-
9545M.104. ...	-	110	-
9545F.104. ...	-	-	110

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

含金刚砂颗粒的陶瓷材料抛光器械用于修整、抛光和高亮度抛光

Polisher for ceramics interspersed with diamond grit
For trimming, polishing and high-shine polishing

94002 SC
94002 C
94002 M
94002 F



		10	10	10	10
尺寸 · Size	∅ 1/10 mm	170	170	170	170
L	mm	2,5	2,5	2,5	2,5

HP柄 · Handpiece (HP)



94002SC.104. ...	170	-	-	-
94002C.104. ...	-	170	-	-
94002M.104. ...	-	-	170	-
94002F.104. ...	-	-	-	170

⊙_{max} 15000 min⁻¹/rpm
⊙_{opt} 6000 min⁻¹/rpm

含金刚砂颗粒用于陶瓷的抛光器械高亮度抛光
Polisher for ceramics interspersed with diamond grit
High-shine polishing

9700 M
9700 F



		100	100
尺寸 · Size	∅ 1/10 mm	060	060
L	mm	15,0	15,0

未安装 · not mounted

9700M.900. ...	060	-
9700F.900. ...	-	060

⊙_{max} 15000 min⁻¹/rpm
⊙_{opt} 6000 min⁻¹/rpm

由砂纸制成的粗锥形，用于陶瓷和丙烯酸
301A轴芯已经包含在内
Tapered abrasive made of sandpaper for ceramics and acrylics
Mandrel 301A included in delivery



9701 M
9701 F



		10	10
尺寸 · Size	Ø 1/10 mm	220	220
L	mm	4,0	4,0

未安装 · not mounted

9701M.900. ...	220	-
9701F.900. ...	-	220

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于非贵金属合金与不含贵金属的合金的抛光器械
用于预抛光与高亮度抛光

Polishers for non-precious metal alloys and alloys without precious metal
For pre-polishing and high-shine polishing

9702 M
9702 F



		10	10
尺寸 · Size	Ø 1/10 mm	060	060
L	mm	22,0	22,0

未安装 · not mounted

9702M.900. ...	060	-
9702F.900. ...	-	060

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于非贵金属合金与不含贵金属的合金的抛光器械
用于预抛光与高亮度抛光

Polishers for non-precious metal alloys and alloys without
precious metal
For pre-polishing and high-shine polishing

9703 M
9703 F



		10	10
尺寸 · Size	∅ $\frac{1}{10}$ mm	220	220
L	mm	3,0	3,0

未安装 · not mounted

9703M.900. ...	220	-
9703F.900. ...	-	220

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于非贵金属合金与不含贵金属的合金的抛光器械
用于预抛光与高亮度抛光

Polishers for non-precious metal alloys and alloys without precious metal
For pre-polishing and high-shine polishing

9704 M
9704 F



		100	100
尺寸 · Size	∅ $\frac{1}{10}$ mm	030	030
L	mm	11,0	11,0

未安装 · not mounted

9704M.900. ...	030	-
9704F.900. ...	-	030

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

非贵金属合金和贵金属合金的抛光
用于预抛光和高亮度抛光

Polishers for non-precious metal alloys and alloys without
precious metal
For pre-polishing and high-shine polishing



9550



		100
尺寸 · Size	Ø 1/10 mm	220
L	mm	3,0

未安装 · not mounted

618 900 372534 ...

9550.900. ... 220

⊙_{max.} 10000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

用于非贵金属/铸造支架合金的预抛光

For pre-polishing of non-precious and model cast alloys



9551



		100
尺寸 · Size	Ø 1/10 mm	070
L	mm	21,0

未安装 · not mounted

618 900 114534 ...

9551.900. ... 070

⊙_{max.} 15000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

用于非贵金属/铸造支架合金的预抛光

For pre-polishing of non-precious metal/model cast alloys



9552



		100
尺寸 · Size	Ø 1/10 mm	250
L	mm	1,0

未安装 · not mounted

618 900 371534 ...

9552.900. ... 250

⊙_{max.} 10000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

用于非贵金属/铸造支架合金的预抛光

For pre-polishing of non-precious metal/model cast alloys

9646
9634



		100	100
尺寸 · Size	∅ 1/10 mm	020	030
L	mm	20,0	22,0

658 000 114535 ...

9646.000. ...

020

-

618 000 114534 ...

9634.000. ...

-

030

○_{max.} 15000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

用于非贵金属/铸造支架合金的预抛光

For pre-polishing of non-precious metal/model cast alloys

9610
9620



		10	10
尺寸 · Size	∅ 1/10 mm	045	045
L	mm	16,0	16,0

HP柄 · Handpiece (HP)



658 104 292513 ...

9610.104. ...

045

-

658 104 292503 ...

9620.104. ...

-

045

○_{max.} 15000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

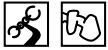
用于贵金属、非贵金属和铸造支架合金的抛光和高亮度抛光

For polishing and high-shine polishing of precious, non-precious and model cast alloys





9611
9621



		10	10
尺寸 · Size	Ø 1/10 mm	150	150
L	mm	2,5	2,5

HP柄 · Handpiece (HP)



658 104 303513 ...

9611.104. ...

150

-

658 104 303503 ...

9621.104. ...

-

150

502

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

用于贵金属、非贵金属和铸造支架合金的抛光和高亮度抛光
For polishing and high-shine polishing of precious, non-precious and model cast alloys



9615
9625



		100	100
尺寸 · Size	Ø 1/10 mm	060	060
L	mm	22,0	22,0

未安装 · not mounted

658 900 114513 ...

9615.900. ...

060

-

658 900 114503 ...

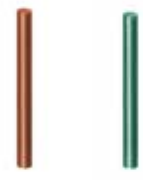
9625.900. ...

-

060

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

用于贵金属、非贵金属和铸造支架合金的抛光和高亮度抛光
For polishing and high-shine polishing of precious, non-precious and model cast alloys



9648
9649



		100	100
尺寸 · Size	Ø 1/10 mm	020	020
L	mm	20,0	20,0

658 000 114513 ...

9648.000. ...

020

-

618 000 114503 ...

9649.000. ...

-

020

○_{max.} 15000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

用于贵金属、非贵金属和铸造支架合金的抛光和高亮度抛光
For polishing and high-shine polishing of precious, non-precious and model cast alloys



9635
9636



		100	100
尺寸 · Size	∅ 1/10 mm	030	030
L	mm	22,0	22,0
658 000 114513 ...			
	9635.000. ...	030	-
658 000 114503 ...			
	9636.000. ...	-	030

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

用于贵金属、非贵金属和铸造支架合金的抛光和高亮度抛光

For polishing and high-shine polishing of precious, non-precious and model cast alloys



9522 C
9522 M
9522 F



		100	100	100
尺寸 · Size	∅ 1/10 mm	030	030	030
L	mm	11,0	11,0	11,0
未安装 · not mounted				
	9522C.900. ...	030	-	-
	9522M.900. ...	-	030	-
	9522F.900. ...	-	-	030

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm

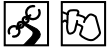
金属合金的预抛光、抛光和高亮度抛光每个推广套装中含有10只9522 C/M/F和3只329A柄

Pre-polishing, polishing and high-shine polishing of metal alloys

Introductory set SD1873 with 10 pieces each of 9522 C/M/F and 3 mandrels 329 A



9675



		100
尺寸 · Size	Ø 1/10 mm	220
L	mm	3,0

未安装 · not mounted

9675.900. ...

220

504

○_{max.} 10000 min⁻¹/rpm
○_{opt.} 6000 min⁻¹/rpm

用于非贵金属和铸造支架合金的高亮度抛光

For high-shine polishing of non-precious and model cast alloys



9957 R



		1	1	1
尺寸 · Size	Ø 1/10 mm	070	100	130
L	mm	13,0	15,0	19,0

HP柄 · Handpiece (HP)



9957R.104. ...

◊070

◆100

▲130

▲ = ○_{max.} 20000 min⁻¹/rpm

◆ = ○_{max.} 30000 min⁻¹/rpm

◊ = ○_{max.} 40000 min⁻¹/rpm

研磨器械用特殊芯轴，设计用于研磨硬、软质丙烯酸树脂和石膏

Special mandrel for abrasive caps, designed for grinding hard and soft acrylics as well as plaster



9958 R



		10	10	10
尺寸 · Size	∅ 1/10 mm	070	100	130
L	mm	13,0	15,0	19,0

9958R.000. ...

◊070

◆100

▲130

▲ = \odot_{max} 20000 min⁻¹/rpm

◆ = \odot_{max} 30000 min⁻¹/rpm

◊ = \odot_{max} 40000 min⁻¹/rpm

用于研磨硬、软质丙烯酸树脂和石膏

For work on hard and soft acrylics as well as plaster

9603

9641

9644



		10	10	10
尺寸 · Size	∅ 1/10 mm	100	100	100
L	mm	25,0	25,0	25,0

HP柄 · Handpiece (HP)



9603.104. ...

100

-

-

9641.104. ...

-

100

-

9644.104. ...

-

-

100

\odot_{max} 10000 min⁻¹/rpm

\odot_{opt} 6000 min⁻¹/rpm

用于义齿用丙烯酸树脂预抛光、抛光和高亮度抛光的抛光器械

Polisher for pre-polishing, polishing and high-shine polishing of denture acrylics



抛光器械 | 丙烯酸树脂
Polishers | Acrylics

9642 C
9642 M
9642 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	100	100	100
L	mm	19,0	19,0	19,0

HP柄 · Handpiece (HP)



9642C.104. ...	100	-	-
9642M.104. ...	-	100	-
9642F.104. ...	-	-	100

⊙_{max.} 10000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

用于义齿用丙烯酸树脂预抛光、抛光和高亮度抛光的抛光器械

Polisher for pre-polishing, polishing and high-shine polishing of denture acrylics

506

9432
9424
9433



		10	10	10
尺寸 · Size	∅ 1/10 mm	055	055	055
L	mm	16,5	16,5	16,5

HP柄 · Handpiece (HP)



9432.104. ...	055	-	-
9424.104. ...	-	055	-
9433.104. ...	-	-	055

⊙_{max.} 15000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

用于义齿用丙烯酸树脂预抛光、抛光和高亮度抛光的抛光器械

Polisher for pre-polishing, polishing and high-shine polishing of denture acrylics



9584



		10
尺寸 · Size	Ø 1/10 mm	050
L	mm	16,0

HP柄 · Handpiece (HP)



658 104 292522 ...

9584.104. ... 050

○_{max.} 15000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

用于金属合金的低亮度抛光

For low lustre polish of metal alloys



9678



		100
尺寸 · Size	Ø 1/10 mm	070
L	mm	20,0

未安装 · not mounted

9678.900. ... 070

○_{max.} 15000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

用于金属合金的低亮度抛光

For low lustre polish of metal alloys



9574



		100
尺寸 · Size	Ø 1/10 mm	150
L	mm	2,0

未安装 · not mounted

658 900 303522 ...

9574.900. ... 150

○_{max.} 15000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

用于金属合金的低亮度抛光

For low lustre polish of metal alloys



9575



		100
尺寸 · Size	Ø 1/10 mm	220
L	mm	3,5

未安装 · not mounted

658 900 303522 ...

9575.900. ... 220

○_{max.} 10000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

用于金属合金的低亮度抛光

For low lustre polish of metal alloys



9572



		100
尺寸 · Size	Ø 1/10 mm	220
L	mm	3,0

未安装 · not mounted

658 900 372522 ...

9572.900. ... 220

○_{max.} 10000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

用于金属合金的低亮度抛光

For low lustre polish of metal alloys



9661



		100
尺寸 · Size	Ø 1/10 mm	030
L	mm	22,0

658 000 114534 ...

9661.000. ... 030

○_{max.} 15000 min⁻¹/rpm

○_{opt.} 6000 min⁻¹/rpm

咬合面抛光器械用于金属合金的低亮度抛光需与

326.104.030柄配合用

Occlusal polisher

For low lustre polish of metal alloys

To be used in mandrel 326.104.030



9557



		10
尺寸 · Size	∅ 1/10 mm	060
L	mm	15,0

HP柄 · Handpiece (HP)



658 104 243523 ...

9557.104. ... 060

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm
用于贵金属合金和贴面丙烯酸树脂抛光
For polishing of precious metal alloys and veneer acrylics



9630



		100
尺寸 · Size	∅ 1/10 mm	070
L	mm	20,0

未安装 · not mounted

658 900 114523 ...

9630.900. ... 070

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm
用于贵金属合金和贴面丙烯酸树脂抛光
For polishing of precious metal alloys and veneer acrylics



9558



		100
尺寸 · Size	∅ 1/10 mm	120
L	mm	8,0

未安装 · not mounted

658 900 035523 ...

9558.900. ... 120

⊙_{max.} 15000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm
用于贵金属合金和贴面丙烯酸树脂抛光
For polishing of precious metal alloys and veneer acrylics



9559



		100
尺寸 · Size	∅ 1/10 mm	180
L	mm	3,5

未安装 · not mounted

658 900 304523 ...

9559.900. ... 180

⊙_{max.} 10000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm
用于贵金属和贴面丙烯酸树脂的抛光
For polishing of precious metal alloys and veneer acrylics



9627



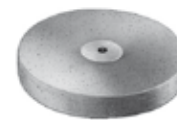
		100
尺寸 · Size	∅ 1/10 mm	220
L	mm	4,5

未安装 · not mounted

658 900 303523 ...

9627.900. ... 220

⊙_{max.} 10000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm
用于贵金属合金和贴面丙烯酸树脂抛光
For polishing of precious metal alloys and veneer acrylics



9554



		100
尺寸 · Size	∅ 1/10 mm	220
L	mm	3,0

未安装 · not mounted

6 8 900 304523 ...

9554.900. ... 220

⊙_{max.} 10000 min⁻¹/rpm
⊙_{opt.} 6000 min⁻¹/rpm
用于贵金属合金和贴面丙烯酸树脂抛光
For polishing of precious metal alloys and veneer acrylics



9638



		10	10	10
尺寸 · Size	∅ 1/10 mm	120	190	220
HP柄 · Handpiece (HP)				
		10	10	10
	9638.104. ...	○120	-	-
未安装 · not mounted				
	9638.900. ...	-	●190	●220

- = ○_{max.} 10000 min⁻¹/rpm
- = ○_{max.} 15000 min⁻¹/rpm

圆形抛光刷，山羊毛刷（软毛）用于贵金属和丙烯酸树脂的预抛光
应与抛光膏配合使用

Round brushes, goat hair bristles (soft)

For pre-polishing precious metal alloys and acrylics

To be used with polishing paste



9449



		10	10
尺寸 · Size	∅ 1/10 mm	190	220
未安装 · not mounted			
	9449.900. ...	190	220

- _{max.} 10000 min⁻¹/rpm

圆形抛光刷，硬毛用于贴面丙烯酸、贵金属和半贵金属合金的清洁
和预抛光应与抛光膏配合使用

Round brushes, very hard bristles

For cleaning/pre-polishing of veneer acrylics as well as precious metal
and semi precious metal alloys

To be used with polishing paste



9451



		10
尺寸 · Size	∅ 1/10 mm	220

未安装 · not mounted

9451.900. ... 220

○_{max.} 10000 min⁻¹/rpm
带齿抛光刷，硬毛用于贴面丙烯酸、贵金属和半贵金属合金的清洁和预抛光应与抛光膏配合使用
Toothed brush, very hard bristles
For cleaning/pre-polishing of veneer acrylics as well as precious metal and semi precious metal alloys
To be used with polishing paste



AR 9463



		10
尺寸 · Size	∅ 1/10 mm	190

HP柄 · Handpiece (HP)



AR9463.104. ... 190

○_{max.} 10000 min⁻¹/rpm
圆形抛光刷，马鬃（硬）
Round brush, horse bristles (stiff)



AR 9464



		10
尺寸 · Size	∅ 1/10 mm	190

HP柄 · Handpiece (HP)



AR9464.104. ...	190
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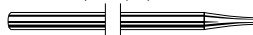
⊙_{max.} 10000 min⁻¹/rpm
圆形抛光刷, 山羊毛 (中等硬度)
Round brush, goat hair (medium)

9485 C
9485 M
9485 F



		10	10	10
尺寸 · Size	∅ 1/10 mm	250	250	250

HP柄 · Handpiece (HP)



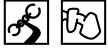
9485C.104. ...	250	-	-
9485M.104. ...	-	250	-
9485F.104. ...	-	-	250

⊙_{max.} 10000 min⁻¹/rpm
连接纤维织物制成的研磨器械
Abrasive buff of bonded fibre fabric, wheel
Test assortment including 2 units each of 9485C/M/F: Sort031





9637



		10
尺寸 · Size	Ø 1/10 mm	220

未安装 · not mounted

9637.900. ...	220
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○_{max} 10000 min⁻¹/rpm
 钢丝刷用于金属合金的清洁/初步抛光
 Steel wire
 For cleaning/initial polishing of metal alloys

9452 C
9452 M
9452 F



		5	5	5
尺寸 · Size	Ø 1/10 mm	220	220	220

未安装 · not mounted

9452C.900. ...	220	-	-
-----------------------	-----	---	---

9452M.900. ...	-	220	-
-----------------------	---	-----	---

9452F.900. ...	-	-	220
-----------------------	---	---	-----

○_{max} 6000 min⁻¹/rpm
 圆形抛光刷，含碳化硅用于钯和非贵金属合金、铸型金属和钛金属
 三步法操作中的初步抛光不使用抛光膏
 Round brush, silicon-carbide
 For initial polishing in three steps of palladium and non-precious metal alloys, model cast and titanium
 To be used without polishing paste



9629



		100
尺寸 · Size	∅ 1/10 mm	210
L	mm	3,0

未安装 · not mounted

010 900 372000 ...

9629.900. ... 210

⊙_{max.} 10000 min⁻¹/rpm

毛毡抛光器械应与抛光膏配合使用

Felt polisher

To be used with polishing paste



9628



		10
尺寸 · Size	∅ 1/10 mm	220

未安装 · not mounted

050 900 373000 ...

9628.900. ... 220

⊙_{max.} 10000 min⁻¹/rpm

使用抛光膏的毡轮

Cotton mop, polishing paste carrier



9448



		10
尺寸 · Size	∅ 1/10 mm	220

未安装 · not mounted

9448.900. ...

220

⊙_{max.} 15000 min⁻¹/rpm

超细纤维抛光头，用于贵金属和非金属合金、铸型金属、丙烯酸树脂和陶瓷的高亮度抛光不使用抛光膏

Microfibre mop for high-shine polishing of precious metal and non-precious metal alloys, model cast, titanium, acrylics and ceramics

To be used without polishing paste



9300

通用金刚砂抛光膏，5 g，D7 (2-5 μm) 用于陶瓷和金属合金的高亮度抛光

Universal diamond polishing paste, 5 g, D3 (2-5 μm)

High-shine polishing of ceramics and metal alloys



9301

通用金刚砂抛光膏，5 g，D7 (5-10 μm) 用于陶瓷和金属合金的低亮度抛光

Universal diamond polishing paste, 5 g, D7 (5-10 μm)

Low lustre polishing of ceramics and metal alloys



303



6

HP柄 · Handpiece (HP)



330 104 603391 ...

303.104. ...

•

⊙_{max} 15000 min⁻¹/rpm

用于砂片、抛光器械和抛光刷的柄，不锈钢

Mandrel for discs, polishers and brushes, stainless steel

305



6

6

尺寸 · Size

∅ 1/10 mm

050

080

HP柄 · Handpiece (HP)



330 104 604391 ...

305.104. ...

○050

●080

● = ⊙_{max} 10000 min⁻¹/rpm

○ = ⊙_{max} 15000 min⁻¹/rpm

用于磨片、抛光器械和抛光刷的柄，不锈钢

Mandrel for discs, polishers and brushes, stainless steel

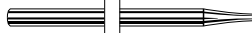
514

305 L



6

HP柄 · Handpiece (HP)



330 104 604395 ...

305L.104. ...

•

⊙_{max} 15000 min⁻¹/rpm

带有左手螺纹的柄，不锈钢

Mandrel with left-hand thread, stainless steel

310



6

HP柄 · Handpiece (HP)



330 104 608000 ...

310.104. ...

•

⊙_{max} 30000 min⁻¹/rpm

抛光盘用柄

Mandrel for polishing discs

329



	6
HP柄 · Handpiece (HP)	
330 104 610417 ...	
329.104. ...	•

○_{max.} 25000 min⁻¹/rpm
用于抛光器械的纺锤形柄，不锈钢
Spindle-shaped mandrel for polishers, stainless steel

● 329 L



	6
HP柄 · Handpiece (HP)	
330 104 610418 ...	
● 329L.104. ...	•

○_{max.} 25000 min⁻¹/rpm
带有左手螺纹的柄，不锈钢
Mandrel with left-hand thread, stainless steel

329 A



	6
HP柄 · Handpiece (HP)	
330 104 609000 ...	
329A.104. ...	•

○_{max.} 15000 min⁻¹/rpm
9522 C/M/F抛光器械用纺锤形不锈钢柄
Spindle-shaped mandrel for pinpolishers 9522 C/M/F, stainless steel

326



	1	1
尺寸 · Size	∅ 1/10 mm	020 030
HP柄 · Handpiece (HP)		
330 104 609000 ...		
326.104. ...	020	030

○_{max.} 15000 min⁻¹/rpm
咬合面抛光器械用柄
Mandrel for occlusal polishers

平行的圆形刀片
Parallel and cone cutter



柱形
Cylinder 518



圆柱形
Cylinder round 518-520



锥形
Tapered 522-523



圆锥形
Tapered round 522-525

Wax 刀片
Wax cutters



Wax 圆柱形
Wax cutter, cylindrical round 526



Wax 圆锥形
Wax cutter, tapered round 526

特殊器械
Special instruments



钛刀片
Titanium cutter 527-528



沟槽刀片
Grooving cutter 529



中心车针
Centering burr 529



麻花钻
Twist drill 530



管形车针
Tube burr 530



细针
Precision pins 530



肩台刀片
Shoulder cutter 530

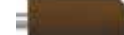


末端切割车针
End-cutting burr 531

抛光器械
Diamond grinding and polishing instruments



ZR-金刚砂
ZR-Diamonds 533-536



3步系统
3-step system 537



3步系统
3-step system 537



加工修整
Dressing blocks 537



加工修整
Dressing blocks 537

配件
Auxiliaries



研磨阻塞
Milling block 531-532



基于研磨油的高质量酒精
High-quality alcohol based milling oil 532



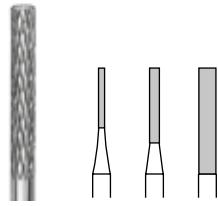
金刚砂抛光膏
Diamond polishing paste 532



Milling technique  精密研磨仪用器械

<i>Parallel cutters</i>	518 - 521	圆柱形磨头
<i>Cone cutters</i>	522 - 525	锥形磨头
<i>Wax cutters</i>	526	ZH Wax 刀片
<i>Special instruments/Auxiliaries</i>	527 - 532	专用器械/配件
<i>Diamond grinding and polishing instruments</i>	533 - 537	金刚砂研磨和抛光器械

H 364 E



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	015	023
L	mm	8,0	10,0	15,0

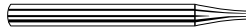
HPS · Handpiece short (HPS)



500 103 116190 ...

H364E.103. ... 010 015 023

HPST · Handpiece short thick (HPST)



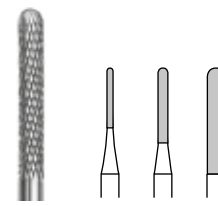
500 123 116190 ...

H364E.123. ... 010 015 023

⊙_{max} 100000 min⁻¹/rpm

平行磨头
Parallel cutter

H 364 RE



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	015	023
L	mm	8,0	10,0	15,0

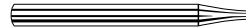
HPS · Handpiece short (HPS)



500 103 137190 ...

H364RE.103. ... 010 015 023

HPST · Handpiece short thick (HPST)



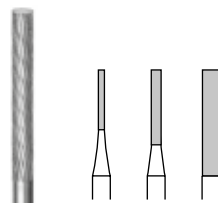
500 123 137190 ...

H364RE.123. ... 010 015 023

⊙_{max} 100000 min⁻¹/rpm

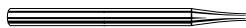
带有交错刃齿的平行磨头
Parallel cutter with staggered tooting

H 364 F



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	015	023
L	mm	8,0	10,0	15,0

HPS · Handpiece short (HPS)



500 103 116103 ...

H364F.103. ... 010 015 023

HPST · Handpiece short thick (HPST)



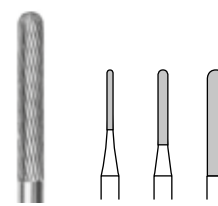
500 123 116103 ...

H364F.123. ... - 015 -

⊙_{max} 100000 min⁻¹/rpm

带有特制斜切面的平行磨头
Parallel cutter with special bevel cut

H 364 RF



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	015	023
L	mm	8,0	10,0	15,0

HPS · Handpiece short (HPS)



500 103 137103 ...

H364RF.103. ... 010 015 023

HPST · Handpiece short thick (HPST)

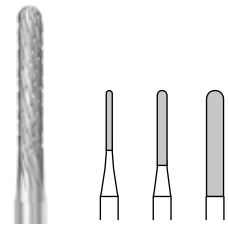


500 123 137103 ...

H364RF.123. ... 010 015 023

⊙_{max} 100000 min⁻¹/rpm

带有特殊斜面型切缘的平行磨头
Parallel cutter with special bevel cut



● **H 364 RGE**



		5	5	5
尺寸 · Size	Ø 1/10 mm	010	015	023
L	mm	8,0	10,0	15,0

HPS · Handpiece short (HPS)



● H364RGE.103. ...	010	015	023
---------------------------	-----	-----	-----

HPST · Handpiece short thick (HPST)

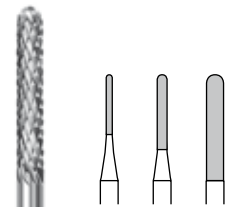


● H364RGE.123. ...	010	015	023
---------------------------	-----	-----	-----

○_{max.} 100000 min⁻¹/rpm

带有交粗糙错齿的平行磨头

Parallel cutter with coarse staggered toothing



●● **H 364 RXE**



		1	1	1
尺寸 · Size	Ø 1/10 mm	010	015	023
L	mm	8,0	10,0	15,0

HPS · Handpiece short (HPS)



●● H364RXE.103. ...	010	015	023
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HPST · Handpiece short thick (HPST)

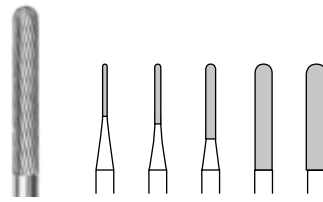


●● H364RXE.123. ...	010	015	023
----------------------------	-----	-----	-----

○_{max.} 100000 min⁻¹/rpm

带有粗交错刃齿高效切割设计的平行磨头

Parallel cutter with coarse staggered toothing, high-efficiency cutting design



H 364 R



		5	5	5	5	5
尺寸 · Size	∅ $\frac{1}{10}$ mm	007	010	015	023	029
L	mm	7,0	8,0	10,0	15,0	15,0

HPS · Handpiece short (HPS)



500 103 137 135 ...

H364R.103. ...

007 010 015 023 029

HPST · Handpiece short thick (HPST)

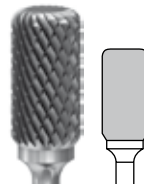


500 123 137 135 ...

H364R.123. ...

007 010 015 023 029

○_{max.} 100000 min⁻¹/rpm
带有常规刃齿的平行磨头
Parallel cutter with conventional toothing



●● H 364 KRXE



		1
尺寸 · Size	∅ $\frac{1}{10}$ mm	060
L	mm	12,0

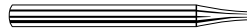
HPS · Handpiece short (HPS)



●● **H364KRXE.103. ...**

060

HPST · Handpiece short thick (HPST)



●● **H364KRXE.123. ...**

060

○_{max.} 20000 min⁻¹/rpm
带有粗交错刃齿高效切割设计的平行磨头
Parallel cutter with coarse staggered toothing, high-efficiency cutting design

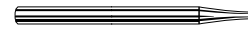


H 364 KRS



		1
尺寸 · Size	Ø 1/10 mm	060
L	mm	12,0

HPS · Handpiece short (HPS)



H364KRS.103. ...

060

HPST · Handpiece short thick (HPST)



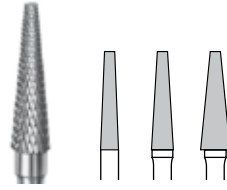
H364KRS.123. ...

060

○_{max.} 20000 min⁻¹/rpm

带有常规刃齿的平行磨头

Parallel cutter with conventional tooting



H 356 E



		5	5	5
尺寸 · Size	∅ 1/10 mm	023	031	040
L	mm	13,0	13,0	13,0
角度 · Angle	α	2°	4°	6°

HPS · Handpiece short (HPS)

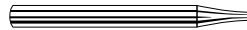


500 103 186190 ...

H356E.103. ...

023 031 040

HPST · Handpiece short thick (HPST)



500 123 186190 ...

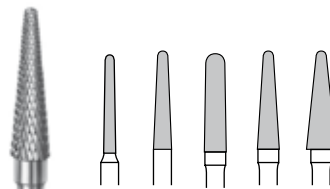
H356E.123. ...

023 - 040

⊙_{max.} 100000 min⁻¹/rpm

截锥形磨头

Cone cutter



H 356 RSE



		1	1	1	1	1
尺寸 · Size	∅ 1/10 mm	016	023	029	031	040
L	mm	13,0	13,0	13,0	13,0	13,0
角度 · Angle	α	1°	2°	1°	4°	6°

HPS · Handpiece short (HPS)



500 103 200190 ...

H356RSE.103. ...

016 023 029 031 040

HPST · Handpiece short thick (HPST)



500 123 200190 ...

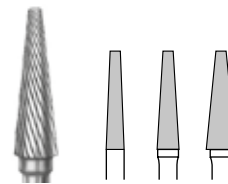
H356RSE.123. ...

016 023 029 031 040

⊙_{max.} 100000 min⁻¹/rpm

带有交粗糙错齿的截锥形磨头

Cone cutter with staggered toothing



● **H 356 F**



		5	5	5
尺寸 · Size	Ø $\frac{1}{10}$ mm	023	031	040
L	mm	13,0	13,0	13,0
角度 · Angle	α	2°	4°	6°

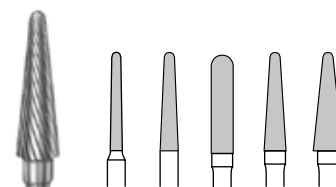
HPS · Handpiece short (HPS)



500 103 186103 ...

● H356F.103. ...	023	031	040
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⊙_{max.} 100000 min⁻¹/rpm
带有特制斜切面的截锥形磨头
Cone cutter with special bevel cut



● **H 356 RF**



		1	1	1	1	1
尺寸 · Size	Ø $\frac{1}{10}$ mm	016	023	029	031	040
L	mm	13,0	13,0	13,0	13,0	13,0
角度 · Angle	α	1°	2°	1°	4°	6°

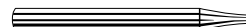
HPS · Handpiece short (HPS)



500 103 200103 ...

● H356RF.103. ...	016	023	029	031	040
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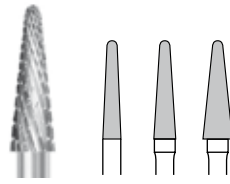
HPST · Handpiece short thick (HPST)



500 123 200103 ...

● H356RF.123. ...	016	023	029	031	040
--------------------------	-----	-----	-----	-----	-----

⊙_{max.} 100000 min⁻¹/rpm
带有特殊斜面型切缘的截锥形磨头
Cone cutter with special bevel cut



● H 356 RGE



		5	5	5
尺寸 · Size	∅ 1/10 mm	023	031	040
L	mm	13,0	13,0	13,0
角度 · Angle	α	2°	4°	6°

HPS · Handpiece short (HPS)



●	H356RGE.103. ...	023	031	040
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HPST · Handpiece short thick (HPST)

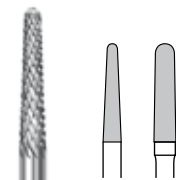


●	H356RGE.123. ...	023	031	040
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⊙_{max.} 100000 min⁻¹/rpm

带有交粗糙错齿的截锥形磨头

Cone cutter with coarse staggered tothing

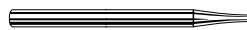


●● H 356 RXE



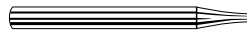
		1	1
尺寸 · Size	∅ 1/10 mm	023	029
L	mm	12,0	12,0
角度 · Angle	α	2°	1°

HPS · Handpiece short (HPS)



●●	H356RXE.103. ...	023	029
----	-------------------------	-----	-----

HPST · Handpiece short thick (HPST)

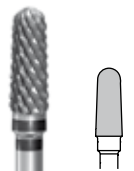


●●	H356RXE.123. ...	023	029
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⊙_{max.} 100000 min⁻¹/rpm

带有粗交错刃齿高效切割设计的截锥形磨头

Cone cutter with coarse staggered tothing, high-efficiency cutting design

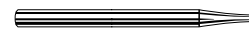


●● H 347 RXE



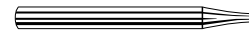
		1
尺寸 · Size	∅ 1/10 mm	035
L	mm	10,0
角度 · Angle	α	2°

HPS · Handpiece short (HPS)



●●	H347RXE.103. ...	035
----	-------------------------	-----

HPST · Handpiece short thick (HPST)



●●	H347RXE.123. ...	035
----	-------------------------	-----

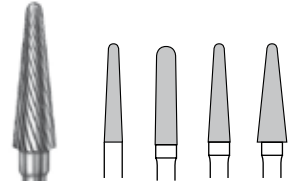
⊙_{max.} 100000 min⁻¹/rpm

带有粗交错刃齿的截锥形磨头高效切割设计

Cone cutter with coarse staggered tothing, high-efficiency cutting design

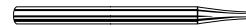


H 356 RS



		1	1	1	1
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	023	029	031	040
L	mm	13,0	13,0	13,0	13,0
角度 · Angle	α	2°	1°	4°	6°

HPS · Handpiece short (HPS)



500 103 200135 ...

H356RS.103. ...

023 029 031 040

HPST · Handpiece short thick (HPST)



500 123 200135 ...

H356RS.123. ...

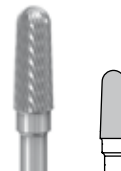
023 029 031 040

\odot_{\max} 100000 min⁻¹/rpm

带有常规刃齿的截锥形磨头

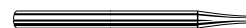
Cone cutter with conventional tothing

H 347 RS



		5
尺寸 · Size	$\varnothing \frac{1}{10}$ mm	035
L	mm	9,0
角度 · Angle	α	2°

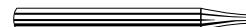
HPS · Handpiece short (HPS)



H347RS.103. ...

035

HPST · Handpiece short thick (HPST)



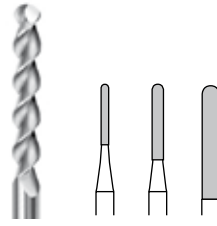
H347RS.123. ...

035

\odot_{\max} 100000 min⁻¹/rpm

带有常规刃齿的截锥形磨头

Cone cutter with conventional tothing



H 364 RA



		5	5	5
尺寸 · Size	∅ 1/10 mm	010	015	023
L	mm	8,0	10,0	15,0

HPS · Handpiece short (HPS)



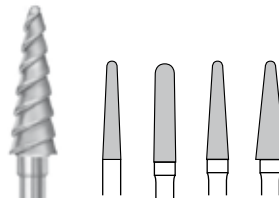
H364RA.103. ...	010	015	023
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HPST · Handpiece short thick (HPST)



H364RA.123. ...	010	015	023
------------------------	-----	-----	-----

○_{max} 100000 min⁻¹/rpm
蜡刀，圆头柱形
Wax cutter, cylindrical, round



H 356 RA



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	023	029	031	040
L	mm	13,0	13,0	13,0	13,0
角度 · Angle	α	2°	1°	4°	6°

HPS · Handpiece short (HPS)



H356RA.103. ...	023	029	031	040
------------------------	-----	-----	-----	-----

HPST · Handpiece short thick (HPST)



H356RA.123. ...	023	029	031	040
------------------------	-----	-----	-----	-----

○_{max} 100000 min⁻¹/rpm
蜡刀，截锥形，圆头
Wax cutter, tapered, round



钛切割

Titanium Cutter

Work on titanium in the laboratory turbine

Developed in close collaboration with the dental technician Jan-Holger Bellmann, these specially designed cutters for the laboratory turbine allow fast shaping and individual adaptation of titanium objects in an unprecedented manner. Large or prefabricated abutments, bars or crown/bridge frames can be adapted to individual and anatomical requirements in no time at all. A large and a fine toothing as well as cone angles of 0° to 4° are all part of this revolutionary technique. The cutters are suitable for cast and mechanically pre-milled as well as industrially manufactured parts.

Advantages:

- Gain of time thanks to use of laboratory turbine
- Water cooling to avoid excessive generation of heat
- Improved flexibility because fewer prefabricated parts need to be stocked

The starter kit TD2041 contains the entire range of these new cutters



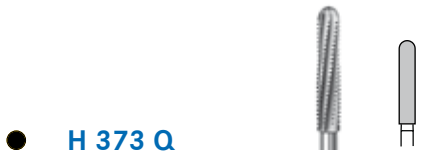
在技工室工作于钛材料

在与口腔技术Jan-Holger Bellmann的紧密合作下，这些特殊设计的切割器械用于技工涡轮设备，它们适用于快速修形，个别适用于未经处理的钛材料。大的或预制基台，条状或冠/桥结构都能被个别和手术使用，一点都不费时间。大型且细致的齿轮和0到4度的锥形角度都是革命性科技。此类切割器械适用于机械预备研磨和工业生产。

优点：

- 研磨时间，感谢技工室涡轮设备
- 用水冷却，避免过多产热
- 灵活性提高，因为更少准备预制零件的库存

TK2041初学者套装包含整套新切割器械



● H 373 Q

		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	11,0
角度 · Angle	α	0°

FG · Friction Grip (FG)



● H373Q.314. ... 021

⊙_{max} 300000 min⁻¹/rpm
用于钛金属粗修磨，使用技工室涡轮手机和喷水冷却
Rough trimming of titanium abutments with turbine and spray coolant



● H 373 F

		5
尺寸 · Size	∅ 1/10 mm	021
L	mm	11,0
角度 · Angle	α	0°

FG · Friction Grip (FG)



● H373F.314. ... 021

⊙_{max} 300000 min⁻¹/rpm
用于钛金属粗修磨，使用技工室涡轮手机和喷水冷却
Fine trimming of titanium abutments with turbine and spray coolant



● H 371 Q

		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	10,0
角度 · Angle	α	2°

FG · Friction Grip (FG)



● H371Q.314. ... 025

⊙_{max} 300000 min⁻¹/rpm
用于钛金属粗修磨，使用技工室涡轮手机和喷水冷却
Rough trimming of titanium abutments with turbine and spray coolant



● H 371 F

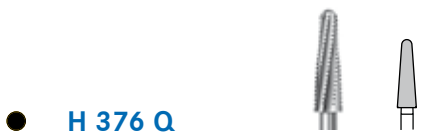
		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	10,0
角度 · Angle	α	2°

FG · Friction Grip (FG)



● H371F.314. ... 025

⊙_{max} 300000 min⁻¹/rpm
用于钛金属粗修磨，使用技工室涡轮手机和喷水冷却
Fine trimming of titanium abutments with turbine and spray coolant



● H 376 Q

		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	9,0
角度 · Angle	α	4°

FG · Friction Grip (FG)



● H376Q.314. ... 025

⊙_{max} 300000 min⁻¹/rpm
用于钛金属粗修磨，使用技工室涡轮手机和喷水冷却
Rough trimming of titanium abutments with turbine and spray coolant



● H 376 F

		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	9,0
角度 · Angle	α	4°

FG · Friction Grip (FG)



● H376F.314. ... 025

⊙_{max} 300000 min⁻¹/rpm
用于钛金属粗修磨，使用技工室涡轮手机和喷水冷却
Fine trimming of titanium abutments with turbine and spray coolant



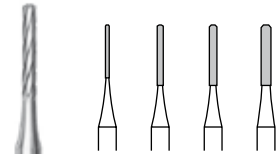
TD 2041.314

按照MDT J.H. Bellmann的方式，使用技工室涡轮手机对钛金属桥基进行操作

Working on titanium abutments with the laboratory turbine according to MDT J.H. Bellmann

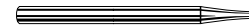
	H373Q.314.021	1		0°
	H373F.314.021	1		0°
	H371Q.314.025	1		2°
	H371F.314.025	1		2°
	H376Q.314.025	1		4°
	H376F.314.025	1		4°

H 21 XL



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	007	010	012	015
L	mm	7,0	8,0	8,0	8,0

HPS · Handpiece short (HPS)



500 103 538175 ...

H21XL.103. ...

007 010 012 015

HPST · Handpiece short thick (HPST)



500 123 538175 ...

H21XL.123. ...

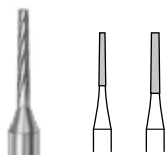
007 010 012 015

⊙_{max.} 100000 min⁻¹/rpm

槽刀，圆柱形

Grooving cutter, cylindrical

H 33 XLQ



		5	5
尺寸 · Size	∅ 1/10 mm	009	012
L	mm	7,0	8,0

HPS · Handpiece short (HPS)



H33XLQ.103. ...

009 012

HPST · Handpiece short thick (HPST)



H33XLQ.123. ...

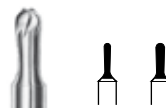
009 012

⊙_{max.} 100000 min⁻¹/rpm

槽刀，截锥形

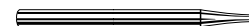
Grooving cutter, tapered

H 370



		5	5
尺寸 · Size	∅ 1/10 mm	009	012

HPS · Handpiece short (HPS)



500 103 153001 ...

H370.103. ...

009 012

HPST · Handpiece short thick (HPST)



500 123 153001 ...

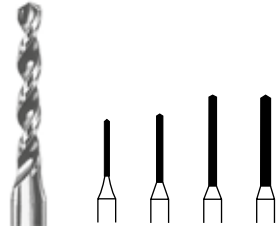
H370.123. ...

009 012

⊙_{max.} 100000 min⁻¹/rpm

定心器械

Centering bur



H 206



		5	5	5	5
尺寸 · Size	∅ 1/10 mm	007	010	012	015
L	mm	7,5	9,0	12,0	12,0

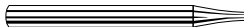
HPS · Handpiece short (HPS)



500 103 423364 ...

H206.103. ... 007 010 012 015

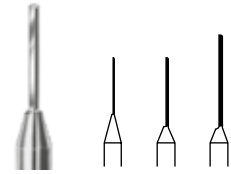
HPST · Handpiece short thick (HPST)



500 123 423364 ...

H206.123. ... 007 010 012 -

⊙_{max.} 100000 min⁻¹/rpm
麻花钻, 碳化钨
Twist drill, tungsten carbide

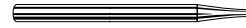


H 210



		1	1	1
尺寸 · Size	∅ 1/10 mm	007	010	012
L	mm	7,5	9,0	12,0
D	∅ 1/10 mm	0,72	1,02	1,22

HPS · Handpiece short (HPS)



500 103 107382 ...

H210.103. ... 007 010 012

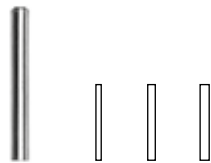
HPST · Handpiece short thick (HPST)



500 123 107382 ...

H210.123. ... 007 010 012

⊙_{max.} 100000 min⁻¹/rpm
管道钻孔器械
Tube bur



40
41
42



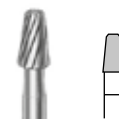
		10	10	10
尺寸 · Size	∅ 1/10 mm	007	010	012
L	mm	10,15	10,15	10,15
D	∅ 1/10 mm	0,71	1,01	1,21

40.000. ... 007 - -

41.000. ... - 010 -

42.000. ... - - 012

金银铂合金制成的精细钉
Precision pins made of gold-silver-platinum alloy



H 294



		5
尺寸 · Size	∅ 1/10 mm	029
L	mm	5,0
角度 · Angle	α	6°

HPST · Handpiece short thick (HPST)

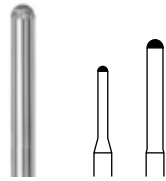


500 123 205175 ...

H294.123. ... 029

⊙_{max.} 100000 min⁻¹/rpm
有角肩台磨头
Shoulder cutter

H 207 R



			5	5
尺寸 · Size	Ø 1/10 mm	015	023	

HPS · Handpiece short (HPS)



500 103 722131 ...

H207R.103. ...

015 023

HPST · Handpiece short thick (HPST)



500 123 722131 ...

H207R.123. ...

015 023

○_{max} 100000 min⁻¹/rpm

端切车针, 圆头

End-cutting bur, round



555



实用新型专利, 专利/Utility model, patents
GM 20 2008 006 553

用于夹紧技工室植牙或固位钉的研磨底座。可供研磨器械和徒手操作选择的
两件式结构。包括夹盘551和552和553

Milling block for clamping laboratory implants or retention pins

Two-piece construction to alternate between work with the milling device and free-
handed work. Including chucks 551, 552 and 553

531

551



用于研磨底座555的备用卡盘 夹紧范围1.0-2.5mm

Spare chuck for milling block 555

Clamping range 1.0-2.5 mm



552



用于研磨底座150.555的备用卡盘夹紧范围2.5-4.5mm

Spare chuck for milling block 150.555

Clamping range 2.5-4.5 mm





553



用于研磨底座555的备用卡盘 夹紧范围4.5-6.5mm
Spare chuck for milling block 555
Clamping range 4.5-6.5 mm



554



研磨底座555使用的备用锁定螺钉
Spare locking bolt for milling base 555

532



9758

用于研磨的高质量含酒精油
High-quality alcohol based oil for milling



9300

通用金刚砂抛光膏, 5 g, D7 (2-5 µm) 用于陶瓷和金属合金的高亮度抛光
Universal diamond polishing paste, 5 g, D3 (2-5 µm)
High-shine polishing of ceramics and metal alloys



9301

通用金刚砂抛光膏, 5 g, D7 (5-10 µm) 用于陶瓷和金属合金的低亮度抛光
Universal diamond polishing paste, 5 g, D7 (5-10 µm)
Low lustre polishing of ceramics and metal alloys



ZR-金刚砂系列

ZR-Diamonds

ZR-Instruments for milling technique

Diamond abrasives for grinding ZrO_2 primary crowns.

- To be used in the milling device with laboratory turbine
- Apply water coolant

Advantages:

- Exactly matching congruent diamond abrasives
- Optimal surfaces in only four steps

Recommended speed:

☉_{opt.} 160,000 rpm

ZR-研磨技术器械

金刚砂用于研磨二氧化锆主冠

- 适用于技工室带涡轮设备的研磨
- 需要水冷

优点：

- 精确配合一样的金刚砂
- 最佳表面，只要四步

建议转速：

☉_{opt.} 最佳转速为每分钟160,000转



Sets 4432/4439/4440/4589



- ○ ZR 371 M
- ○ ZR 371 F
- ○ ZR 371 EF
- ○ ZR 371 UF



	☉	5
尺寸 · Size	∅ 1/10 mm	025
L	mm	10,0
角度 · Angle	α	2°

FG - Friction Grip (FG)



● ○	ZR371M.314. ...	025
● ○	ZR371F.314. ...	025
● ○	ZR371EF.314. ...	025
○ ○	ZR371UF.314. ...	025

☉_{max.} 300000 min⁻¹/rpm
用于二氧化锆制成的2°内冠推广套装4432
For 2° primary crowns made of ZrO_2
Starter set 4432

4432.314



用于二氧化锆制成 2°内冠的套装
Set for 2° primary crowns made of ZrO_2

● ○	ZR371M.314.025	1	
● ○	ZR371F.314.025	1	
● ○	ZR371EF.314.025	1	
○ ○	ZR371UF.314.025	1	

- ZR 373 M
- ZR 373 F
- ZR 373 EF
- ZR 373 UF



		5
尺寸 · Size	∅ $\frac{1}{10}$ mm	025
L	mm	13,0
角度 · Angle	α	0°

FG · Friction Grip (FG)



- ZR373M.314. ... 025
- ZR373F.314. ... 025
- ZR373EF.314. ... 025
- ZR373UF.314. ... 025

∅_{max.} 300000 min⁻¹/rpm

用于二氧化锆制成的0°内冠推广套装4439

For 0° primary crowns made of ZrO₂

Starter set 4439



4439.314



用于二氧化锆制成的0°内冠的套装
Set for 0° primary crowns made of ZrO₂



- ZR373M.314.025 1
- ZR373F.314.025 1
- ZR373EF.314.025 1
- ZR373UF.314.025 1

- ZR 374 M
- ZR 374 F
- ZR 374 EF
- ZR 374 UF



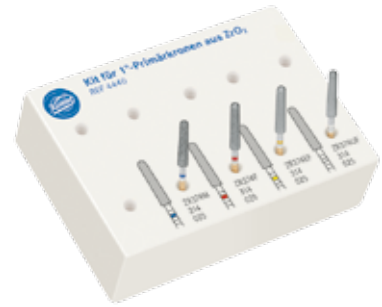
		5
尺寸 · Size	∅ 1/10 mm	025
L	mm	13,0
角度 · Angle	α	1°

FG - Friction Grip (FG)



- ZR374M.314. ...** 025
- ZR374F.314. ...** 025
- ZR374EF.314. ...** 025
- ZR374UF.314. ...** 025

⊙_{max.} 300000 min⁻¹/rpm
用于二氧化锆制成的0°内冠推广套装4440
For 1° primary crowns made of ZrO₂
Starter set 4440



4440.314



用于二氧化锆制成的1°内冠的套装
Set for 1° primary crowns made of ZrO₂



- ZR374M.314.025** 1
- ZR374F.314.025** 1
- ZR374EF.314.025** 1
- ZR374UF.314.025** 1

- ZR 986 M
- ZR 986 F
- ZR 986 EF
- ZR 986 UF



		5
尺寸 · Size	∅ 1/10 mm	012
L	mm	10,0
角度 · Angle	α	0°

FGL · Friction Grip long (FGL)



- ZR986M.315. ... 012
- ZR986F.315. ... 012
- ZR986EF.315. ... 012
- ZR986UF.315. ... 012

⊙_{max.} 300000 min⁻¹/rpm

用于二氧化锆制成的0°牙冠推广套装4589.315

For 0° crowns made of ZrO₂

Starter set 4589.315



4589.315



用于二氧化锆制成的0°修复体
Set for 0° elements made of ZrO₂



- ZR986M.315.012 1
- ZR986F.315.012 1
- ZR986EF.315.012 1
- ZR986UF.315.012 1

9440 C
9440 M
9440 F



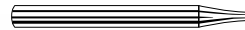
		5	5	5
尺寸 · Size	Ø 1/10 mm	060	060	060
L	mm	13,0	13,0	13,0

HPS · Handpiece short (HPS)



9440C.103. ...	060	-	-
9440M.103. ...	-	060	-
9440F.103. ...	-	-	060

HPST · Handpiece short thick (HPST)



9440C.123. ...	060	-	-
9440M.123. ...	-	060	-
9440F.123. ...	-	-	060

⊙_{max.} 15000 min⁻¹/rpm

⊙_{opt.} 6000 min⁻¹/rpm

精密研磨仪用于预抛光和高亮度抛光的抛光器械 修整为不同角度

Polisher used in milling technique for pre-polishing, polishing and high-shine polishing of precious and non-precious metal

To be dressed to different angles



4446



实用新型专利, 专利 / Utility model, patents
DE 10 2006 016 960

精密研磨仪用抛光器械的修整块 (0° / 1° / 2° / 4° / 6°)
含有一只 150.461M (中等粒度) 和 150.461F (细颗粒)

Dressing block for polishers for milling technique for 0° / 1° / 2° / 4° / 6°
Contains 1 x 150.461 M (medium grit) and 150.461 F (fine grit)



铝制车针架
Aluminium bur blocks



540-541

看台式车针架
Tribune-like bur block



542

包装
Packages



543-545



Bur blocks **车针架**

<i>Aluminium bur blocks</i>	540 - 541	铝制车针架
<i>Tribune-like bur blocks</i>	542	看台式车针架
<i>Packages</i>	543 - 545	包装



A 700 S



A 700 B

Aluminium Bur Blocks

These bur blocks are also available in blue.

*Just replace the **S** at the end of the REF no. by a **B**.*

铝制车针架

这些车针架也有蓝色。

用**B**替换末端参阅号**S**。



A 700 S

尺寸 · Dimensions	mm	41 x 25 x 64
-----------------	----	--------------

由阳极化处理铝制成的空车针架可放置15只技工器械，适用于最长为58mm的器械。同时也可以选购蓝色产品（A700B），将订货编号后面的S替换为B即可。

Bur block made of anodized aluminium for 15 handpiece instruments, suited for a maximal instrument length of 58 mm

Also available in blue (A700B). Just replace the S at the end of the Ref No. by a B



A 701 S

尺寸 · Dimensions	mm	101 x 51 x 64
-----------------	----	---------------

由阳极化处理铝制成的空车针架可放置40只技工器械，适用于最长为58mm的器械。同时也可以选购蓝色产品（A701B），将订货编号后面的S替换为B即可。

Bur block made of anodized aluminium for 40 handpiece instruments, suited for a maximal instrument length of 58 mm

Also available in blue (A701B). Just replace the S at the end of the Ref No. by a B



A 702 S

尺寸 · Dimensions	mm	101 x 25 x 64
-----------------	----	---------------

由阳极化处理铝制成的空车针架可放置23只技工器械，适用于最长为58mm的器械。同时也可以选购蓝色产品（A702B），将订货编号后面的S替换为B即可。

Bur block made of anodized aluminium for 23 handpiece instruments, suited for a maximal instrument length of 58 mm

Also available in blue (A702B). Just replace the S at the end of the Ref No. by a B



技工室车针架



Laboratory bur block

Some things work well, others look nice. With this new Komet bur block, developed in cooperation with ZTM Ilja-Roman Niemczyk, you can have both. The transparent bur block made of Plexiglas has a modern, attractive design and thanks to its transparency, things placed behind it are still within view. Provided with a non-slip base, the bur block can hold up to 50 instruments. Its slightly angled design allows unobstructed view and easy reach of all the instruments. If more than 50 instruments have to be stored, just connect more bur blocks to your existing one!

Advantages:

- Transparent material for optimum view
- 50 easy-to-reach slots
- Several bur blocks can be combined
- Eye-catching design

这些善于工作又美观的Komet车针架，是与ZTM Ilja-Roman Niemczyk紧密合作而研发的，您可同时拥有，这些由透明树脂玻璃制成的现代化，吸引眼球的设计。感谢它的透明性，器械放上去之后依然可以看得很清楚，它能容纳最多50支器械。轻微的角度设计，使视野清晰，容易取件。如果有超过50支的器械需要收纳，那就再多买一个吧！

优点：

- 透明材质，视野清晰
- 50个容易取拿的槽沟位置
- 可以合并几个车针架
- 吸引眼球的设计

542



529

尺寸 · Dimensions mm 155 x 88 x 97

Plexiglas有机玻璃制成的车针架
50个放置Ø 2.35 mm手持件的圆孔
Bur block made of Plexiglas
50 perforations for hand piece instruments Ø 2.35 mm



C.104.006

尺寸 · Dimensions mm 35 x 25 x 65

塑料制成，不适用于灭菌。适用于6只技工器械。
Plastic, not suited for sterilisation
For 6 handpiece instruments



C.124.006

尺寸 · Dimensions mm 35 x 25 x 65

塑料制成，不适用于灭菌。适用于6只带有 \varnothing 3,00 mm柄的技工器械
Plastic, not suited for sterilisation
For 6 handpiece instruments with shank \varnothing 3.00 mm



Z.104.010

尺寸 · Dimensions mm 70 x 50 x 65

塑料制成，不适用于灭菌。
Z.104.010 适用于10只技工器械，
Plastic, not suited for sterilisation
Z.104.010 for 10 handpiece instruments



Z.104.025

尺寸 · Dimensions mm 70 x 50 x 65

塑料，不适用于消毒
Z.104.025用于25只技工器械
Plastic, not suited for sterilisation
Z.104.025 for 25 handpiece instruments



Z.124.010

尺寸 · Dimensions mm 70 x 50 x 65

塑料制成，不适用于灭菌。
Z.124.010 适用于10只技工器械，
Plastic, not suited for sterilisation
Z.124.010 for 10 instruments with shank \varnothing 3.00 mm



W.104.020

尺寸 · Dimensions mm 74 x 104 x 68

塑料制成，不适用于灭菌。
Z.104.020 适用于20只技工器械，
Plastic, not suited for sterilisation
W.104.020 for 20 handpiece instruments



W.104.050

尺寸 · Dimensions mm 74 x 104 x 68

塑料制成，不适用于灭菌。
Z.104.050 适用于50只技工器械
Plastic, not suited for sterilisation
W.104.050 for 50 handpiece instruments



W.124.020

尺寸 · Dimensions mm 74 x 104 x 68

塑料制成，不适用于灭菌。
W.124.020 适用于20只具备 \varnothing 3.00 mm柄的技工器械，
Plastic, not suited for sterilisation
W.124.020 for 20 instruments with shank \varnothing 3.00 mm



V.104.060

尺寸 · Dimensions mm 215 x 104 x 68

塑料制成，不适用于灭菌。
V.104.060适用于60只技工器械
Plastic, not suited for sterilisation
V.104.060 for 60 handpiece instruments



V.104.150

尺寸 · Dimensions mm 215 x 104 x 68

塑料制成，不适用于灭菌。
V.104.150适用于150只技工器械
Plastic, not suited for sterilisation
V.104.150 for 150 handpiece instruments



V.124.060

尺寸 · Dimensions mm 215 x 104 x 68

塑料制成，不适用于灭菌。
V.124.060适用于60只具备 \varnothing 3.00 mm柄的技工器械
Plastic, not suited for sterilisation
V.124.060 for 60 instruments with shank \varnothing 3.00 mm



配件
Auxiliaries



变径套筒
Reduction sleeve 548



清洁刷
Cleaning brush 548



替换刷
Replacement brush 548



清洁石
Cleaning stone 548



修整金刚砂
Dressing diamonds 548

LC1
LC1



549

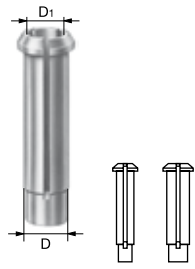


Auxiliaries/Cleaning 配件/清洁

Auxiliaries	548 配件
LC 1	549 LC 1



9797
9795



		1	1
尺寸 · Size		1	2
D	∅ 1/10 mm	2,35	3,00
D ₁	∅ 1/10 mm	1,60	2,35
9797.000. ...		1	-
9795.000. ...		-	2

548

车针转接器
Reduction sleeve



9786

置换抛光刷适配塑料柄9785
Replacement brush
Fits plastic handle 9785



16

修整金刚砂用于陶瓷磨粉和抛光器械的修整
Dressing diamond
For dressing ceramic abrasives and polishers



9785

清洁刷- 塑料柄带有不锈钢可更换刷头- 可以调节刷毛的长度, 从而调节刷毛的硬度从软至超硬

Cleaning brush
- Plastic handle with exchangeable brush made of stainless steel
- Adjustable length of bristles defines stiffness of bristles from soft to extra-stiff



9750

尺寸 · Dimensions mm 100 x 25 x 13

金刚砂器械的清洁石
Cleaning stone for diamond instruments



593

实用新型专利, 专利 / Utility model, patents
GM 20 2011 003 850

抛光器械专用两件式金刚砂调磨工具
Dressing diamond for polishers, in two parts



Komet LC1

Komet LC1

Komet LC1 只在德国有售！

Komet LC1 is only available in Germany!



9831



Komet LC1 只在德国有售
Komet LC1 is only available in Germany!



9834 A



Komet 储藏容器 (3升, 5升和10升) 的盖子
Tap for Komet storage canister (3 l, 5 l and 10 l)



使用和安全建议说明书

Instructions for use and safety recommendations

对于口腔器械，针，根管桩和车针架的综合使用说明和安全建议。

General instructions for use and safety recommendations for the application of dental instruments, pins, posts and bur blocks

应用范围

这些综合使用说明和安全建议适用于所有产品，必须得到遵守。不遵守使用说明与安全建议会增加受伤的风险，并可能损伤器械的正常功能。

对于需要更详细的产品信息，其产品包装中附有单独的使用说明（含有标志[1]）。这些要比综合说明更详细。

储藏

将无菌包装的器械储存于它们的原始包装内，放置在干净并且干燥的环境中，避光避热。不要与溶剂或化学物品放置在同一房间内。

Area of application

These general instructions for use and safety recommendations apply to all products and have to be generally observed. Non-observance of these instructions for use and safety recommendations increases the risk of injury and may impair the proper function of the instruments.

Separate instructions for use are enclosed in the packaging of products that require more detailed information (packaging is provided with the [1] symbol). These take precedence over the general instructions.

Storage

Store sterile packed instruments in their original packaging, away from light and heat in a clean and dry environment. Do not store in the same room as solvents or chemicals.

1. 正确使用

- 所提供器械是非无菌包装的，因此在首次使用前必须做消毒灭菌处理。
 - 确保只用于技术和卫生情况都完美的、清洁的动力系统（常规手机和反角手机）。
 - 取决于器械的柄部类型，插入器械时应当尽量插得深一点，确保器械在手机中正确锁紧。
 - 当器械接触组织或者材料时要确保其旋转速度适当。
 - 避免器械卡住和将器械当杠杆使用，也要避免接触压力过大。
 - 带眼罩保护眼睛。使用适当的呼吸防护措施（口鼻）。在口腔技工室内使用适当的抽吸装置。
 - 避免接触器械的工作部位，因为这样会增加受伤的风险。
- 确保提供足够的气/水冷。当使用超长柄或工作部位超大的器械时，需要增加额外的冷却。损坏或者腐蚀的器械应该丢弃。

1. Proper use

- The instruments which are supplied non-sterile have to be prepared prior to first use.
 - Make sure that only technically and hygienically perfect and cleaned power systems (hand pieces and contra-angles) are used.
 - Depending on their shank type, insert the instrument into the chuck as deeply as possible. Make sure that they are properly locked.
 - The instrument must be rotating at the desired speed before contact is made with the tissue or material.
 - Avoid jamming and using the instrument as a lever. Excessive contact pressure has to be avoided.
 - For eye protection wear safety glasses. Use appropriate respiratory protection (mouth and nose). In the dental laboratory, use appropriate suction unit.
 - Avoid contact with the instruments' working parts as this may increase the risk of injury.
- Make sure to provide sufficient cooling by means of air/water spray. Additional external cooling is required when using instruments with extra-long shanks or oversized working parts. Damaged or corroded instruments have to be discarded.

2. 建议转速

- 请确保遵守使用说明和产品包装上的使用建议和建议转速。
- \odot_{max} 300 000 rpm 的意思是：适用于微型电动马达反角手机和带有稳定球形轴承的涡轮手机。不能用于气轴承的涡轮手机。
 - \odot_{max} 200 000 rpm 的意思是：适用于微型电动马达直手机、反角手机或技工室打磨机，最高转速为提示转速。不能用于涡轮手机。
- 不遵守最高允许转速会提高使用的安全风险。

2. Recommended speeds

- Please make sure to observe the recommendations for use and recommended speeds as indicated in the instructions of use and on the packaging of the products.
- \odot_{max} 300 000 rpm means: Suited for micro-motor contra-angles and turbines with stable ball bearings. Do not use in turbines with air bearing.
 - \odot_{max} 200 000 rpm means: Suited for micro-motor hand pieces and contra-angles or lab hand pieces up to the speed indicated. Do not use in turbines.
- Not observing the maximum permissible speed leads to an increased safety risk.

3. 旋转和摆动器械的使用次数指南

以下数值仅为参考指南。器械的使用寿命根据其应用领域和所处理材质的不同，可能会偏离这些数值。

不锈钢器械：	- 4 x
钨钢器械：	- 15 x
金刚砂和陶瓷器械：	- 25 x
抛光器械和陶瓷研磨器械：	- 10 x
根管器械：长根管：	- 最高 8 x
一般根管：	- 最高 4 x
窄根管：	仅使用 1 x

一次性产品的重复使用是不允许的。

3. Guideline on the number of times rotary and oscillating instruments can be used

The below values are guidelines. The service life of instruments may differ from these values as this depends on the application and/or the material treated.

Stainless steel instruments:	- 4 x
Tungsten carbide instruments:	- 15 x
Diamond and ceramic instruments:	- 25 x
Polishers and ceramic abrasives:	- 10 x
Endodontic instruments: Wide canals:	- max. 8 x
Average canals:	- max. 4 x
Narrow canals:	just use 1 x

The reuse of disposable products is not permitted.

4. 消毒, 清洁和灭菌

所提供器械是非无菌包装的, 因此在首次使用前必须做消毒灭菌处理。进一步的信息, 请参阅
www.kometdental.de/desinfektion-aufbereitung.6553.0.html

4.1. 手动再处理

器械的消毒要使用推荐用于这些产品的适当的清洗消毒剂 (比如, Komet®的DC1®)。对于清洗消毒剂的使用建议 (浸泡时间, 浓度, 冲洗, 干燥), 请见这些消毒剂生产厂家提供的说明书。确保器械在超声波清洗时不发生相互碰撞。

4.2. 机械再处理

器械要使用适当的、推荐用于此用途的清洗消毒剂 (例如, Komet的DC1)。请遵守厂家提供的使用说明。确保器械在超声波清洗时不发生相互碰撞。肉眼检查干净的器械。分出已经受损或变钝的器械并丢弃。彻底的清洁是成功消毒的必要条件。

4.3. 灭菌

确保器械根据有效的适用于医疗产品灭菌的处理流程完成灭菌处理。成功的灭菌也取决于被灭菌产品的种类, 包装和灭菌装置的负荷设定。医疗产品的使用者有责任确保灭菌过程依照德国罗伯特·科赫研究所 (Robert Koch Institute) 医院卫生和防感染委员会的建议, 由具备资质的人员完成、使用适当的材料和合适的设备。

4. Disinfection, cleaning and sterilisation

The instruments which are supplied non-sterile have to be prepared prior to first use. For further information, please refer to
www.kometdental.de/desinfektion-aufbereitung.6553.0.html

4.1. Manual reprocessing

The instruments are to be disinfected with appropriate cleaning and disinfecting agents recommended for these products (e.g. with Komet® DC1®). For recommendations for use (immersion time, concentration, rinsing, drying) of cleaning and disinfecting agents see instructions of the manufacturers of these agents. Make sure that the instruments do not come in contact with each other during ultrasonic cleaning.

4.2. Mechanical reprocessing

The instruments have to be treated with suitable detergents and disinfectants (e.g. Komet DC1) that are recommended for this purpose. Observe the instructions of use provided by the manufacturer. Make sure that the instruments do not come in contact with each other during the cleaning in the ultrasonic bath. Inspect the clean instruments visually. Separate and discard damaged or blunt instruments. Thoroughly cleaned instruments are an essential condition for a successful sterilization.

4.3. Sterilization

Make sure that the instruments are sterilized according to a validated procedure suitable for the sterilization of medical products. Successful sterilization also depends on the type of product to be sterilized, the packaging and the loading set-up of the sterilization device. The operator of medical products is responsible for seeing that proper treatment is carried out by qualified personnel, using the appropriate materials and suitable equipment, as recommended by the Commission for Hospital Hygiene and Infectious Disease Prevention of the Robert Koch Institute.

5. 个别器械种类的特殊说明

- 避免接触H₂O₂ (过氧化氢)。确保浸泡在清洗消毒剂中的时间不超过规定值。过度浸泡会使碳化钨工作部位被腐蚀 (典型现象就是器械上出现黑色的污点), 缩短器械的使用寿命。
- 不锈钢器械易腐蚀, 因此不锈钢器械不能用饱和蒸汽进行消毒 (例如, 高温高压消毒)。
- 金刚砂片在口内使用时需要使用安全保护罩。
- 当使用金刚砂条时请避免和牙龈的接触而造成伤害。
- 由于往复锉符合人体工学的平坦设计, 请避免卡住, 弯曲或将锉当杠杆使用。并且确保锉被正确固定在反角手机内, 并达到需要深度。
- 为了避免器械受力过度, 镍钛材料制成的根管器械只用于可限制扭矩的马达。
- 不锈钢根扩大器械 („Gates“钻, „Müller“钻, „P“钻) 只能用于根管的冠部预备。
- 经阳极氧化处理的氧化铝车针架的再处理, 必须使用适用于铝制材料的清洗消毒剂。其他消毒剂可能会损伤铝制车针架的阳极电镀层。铝制车针架通常不适用于热消毒。灭菌之前, 用流水冲洗车针架并充分干燥 (例如, 用气流干燥)。经常重复处理可能会导致车针架掉色。
- 由纤维加强树脂或PMMA制成的根管桩不能做灭菌处理。因此, 他们必须用医用酒精清洗消毒。根管桩仅供一次性使用。
- 经常用清洁石清洁DSB研磨器械, 并使之保持锋利。
- 应始终以低压力使用抛光器械和抛光刷来减少产热。始终以圆周运动抛光。使用多步法抛光系统时, 若想实现出色的高亮度抛光效果, 请按照提示的步骤逐步使用抛光器械。

5. Specific instructions for individual instrument types

- Avoid any contact with H₂O₂ (hydrogen peroxide). Make sure that the specified immersion times in the cleaning and disinfecting agents are not exceeded. The carbide working parts would be attacked (a typical indication is black staining of the instrument) reducing the instrument's service life.
- Tool steel instruments corrode and can therefore not be sterilized with a sterilization method using saturated steam (e. g. autoclave).
- Use a disc guard for diamond discs when working intraorally.
- When using diamond separating strips and diamond strips please avoid contact with the gingiva as there is a risk of injury.
- Due to the ergonomically flat design of reciprocating files, please avoid jamming, bending or using the file as a lever during use. Please make sure that the files are properly fixed in the chuck of the reciprocating contra-angle to the required depth.
- To avoid overstressing of the instrument, root canal instruments made of nickel-titanium have to be used in a torque limited motor.
- Stainless steel root canal reamers (type "Gates", "Müller", "P") are only intended for preparation of the coronal portion of the canal.
- For reprocessing anodized aluminium bur blocks, cleaning and disinfecting agents suitable for aluminium must be used. Other agents would destroy the anodized layer of the bur block. Aluminium blocks are generally not suited for preparation in the thermo disinfecter. Prior to sterilization, rinse bur block under running water and dry thoroughly (e.g. by air blasting). Frequent reprocessing may lead to colour deviations.
- Root canal posts made of fibre reinforced composite or PMMA cannot be sterilized. Therefore, they must be cleaned and disinfected with medical alcohol. Root posts are intended for single use only.
- Clean and sharpen DSB abrasives every now and then with the cleaning stone.
- Always use polishers and brushes with low pressure to minimize heat generation. Always polish in circular motion. To achieve brilliant high shine, use the polishers in the indicated sequence when using multiphase polishing systems.



5.1. 内冷却器械和声波/超声波器械

- 手动再处理：
用流水冲刷器械表面。为确保内部冷却水道通畅。用清洁丝穿通孔道。使用诸如注射器等设备冲洗冷却水道，直到干净得完全没有一点污物。
- 机械再处理：
声波和超声波器械使用冲洗适配器进行热消毒（请看操作指南）。

5.1. Instruments with internal cooling and sonic/ultrasonic instruments

- *Manual reprocessing:*
Brush the surface of the instruments under running water. To assure patency of the internal cooling channel, penetrate the perforation with the cleaning wire. Rinse the cooling channel, e.g. with a syringe, until it is clean without any further contamination at all.
- *Mechanical reprocessing:*
Sonic and ultrasonic instruments are placed into the thermo disinfecting using the rinse adapter (see instructions for use).

6. 使用磨损器械的潜在影响

- 丢弃任何损坏或工作部位已经磨损的器械，因为使用该类器械会对工作效果带来负面影响。
- 损坏和变形的刀片会导致器械的震动并导致预备边缘不佳，以及预备后表面粗糙。
- 金刚砂器械表面的空白斑点是金刚砂颗粒脱落的标志，意味着器械的磨削效率下降。金刚砂涂层表面不完整会导致产热过高。过多的接触压力或过高的温度会导致损伤组织。
- 使用时请避免过多的接触压力，因为这样会导致工作部位损伤（刀片出现缺口、过早变钝和产热过多）。
- 对于磨削类器械，过多的接触压力会导致器械表面的砂粒脱落和产热增加。
- 在预备时避免产热过多，请确保用喷气/喷水提供足够的冷却（至少50毫升/分钟）。
- 器械总长超过22毫米或头部直径超过2,5毫米时需要增加额外的外部冷却。
- 不遵守最大允许转速会导致受伤风险增加。
- 没有被适当消毒处理的器械的重复使用会增加感染的风险。
- 一次性器械是不允许重复使用的（在包装上有②字样），（例如，薄片类的抛光器械和抛光刷）。
- 重复使用这些产品会有感染风险/产品的安全性不能被保证。

6. Potential effects of using worn instruments

- *Discard any instruments with damaged or worn working parts as the use of damaged or worn instruments would have a negative effect on the work result.*
- *Damaged and deformed cutting blades will cause the instrument to vibrate and lead to poor preparation margins and rough surfaces.*
- *Void spots on the surface of diamond instruments are a sign of missing diamond particles and reduce the instrument's abrasive efficiency. An inferior diamond coating quality will result in excessive heat generation. Excessive contact pressure or temperatures may cause damage to the tissue.*
- *Please avoid excessive contact pressure during use as this may result in damage to the working part (Nicks on the blades, premature blunting and excessive heat generation).*
- *In abrasive instruments, excessive contact pressure can lead to stripping of the grit or clogging of the instruments and increased heat generation.*
- *To avoid undesirable heat generation during preparation, make sure to provide sufficient cooling by means of air/water spray (at least 50 ml/min).*
- *Additional external cooling is required when using instruments with a total length of more than 22 mm or a head diameter exceeding 2,5 mm.*
- *Not observing the maximum permissible speed will result in an increased risk of injury.*
- *There is an increased risk of infection in reusable instruments which have not been properly reprocessed.*
- *The reuse of disposable instruments (marked ② on the packaging) is not permitted (e.g. polishers with lamellae and dental brushes).*
- *The reuse of these products poses a risk of infection and/or the safety of the products can no longer be guaranteed.*

7. 安全与职责

请遵守上述提到的关于产品的处理、冷却和接触压力的建议。这些器械仅能用于预定应用领域，这些应用领域有相关图标提示。不遵守安全说明会导致伤害或动力系统的损伤。使用者有责任确认此产品是否适合预期用途。如因使用者的疏忽造成的损害，特别是由于未能遵守我们的使用建议、安全警示以及因使用者无意误用而造成的伤害，Gebr.Brasseler将部分和全部负责。

避免儿童触及产品，产品仅限口腔使用。

7. Safety and liability

The above mentioned recommendations concerning handling, cooling and contact pressure have to be observed. The instruments may only be used for their intended application as indicated by the relevant icons. The non-observance of these safety instructions can lead to injury or damage to the power system. The user is responsible for checking the product prior to use to ensure that it is suited for the intended purpose. In case of contributory negligence by the user, Gebr. Brasseler partly or totally declines liability for all resulting damages, particularly if these are due to non-observance of our recommendations for use or warnings as well as inadvertent misuse by the user.

Store products out of children's reach. For dental use only.



有关器械再处理的海报
Poster Reprocessing
© 410409 | © 410405



厂家信息
中度危险性医疗器械分类A和B
Manufacturer's Information
Semi-critical A and B
© 410377 | © 410373



厂家信息
高危感染风险组A/B型
Manufacturer's Information
Critical A and B
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