



Clinical Rotary Instruments



## MDT Clinical Rotary instruments

FG | RA/CA | Gold | Spirals | Carbide | HP | Kits | Polishers



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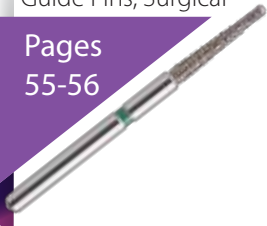
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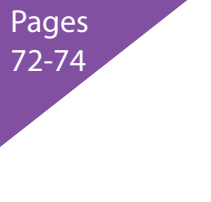
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EN

## About us

MDT Micro Diamond Technologies Ltd., The Crown Diamond of the Schneider Group, is a dynamic, high-tech, fast-growing Dental Rotary Instruments manufacturer. MDT exports premium FG Dental Diamond and Carbide burs, RA/CA burs, HP Pins and Discs worldwide. Selected Diamonds, together with Swiss-made heat treated and ground Stainless Steel shanks, is only part of the MDT global success story. The cutting edge that MDT diamonds offers is thanks to the advanced bonding technology that allows advanced and superior 60% Exposure "More Diamond per Diamond".

MDT's Superiority Through Technology is supported by in-house R&D and tailor made state-of-the-art production lines. In addition, the "Triton" coating process more than doubles the strength of the diamond bonding to the tool for superior performance enabling long lasting, sharp, smooth cutting ability. MDT is ISO, CE and FDA certified. The 7,000 m<sup>2</sup> (75,000 sq ft) modern plant is equipped with computer controlled production lines. MDT's meticulous Quality Assurance system guarantees an emphasis on consistency. Adhering to strict standards, MDT's broad range of sterile and multi-use rotary instruments are manufactured with top quality materials by skilled professionals. The service oriented spirit of the entire MDT team ensures flexible production capacity, many packing options, graphic services and reliable delivery times. MDT is the world's largest manufacturer of Gamma Radiated Sterile Diamonds. Burs are single-pouched in a fully automated in-house 80 M2 Class 8 Clean Room.

## MDT: Efficiency in your hands

DE

## Wir über uns

MDT Micro Diamond Technologies, das Kronjuwel der Schneider Gruppe ist eine schnell wachsende, dynamische High-Tech Firma die sich auf der Herstellung von rotierenden Instrumenten für die Zahnmedizin spezialisiert hat. Zu dem Produktspektrum gehören Premium FG und RA Diamantinstrumente, Hartmetallbohrer, HP Pins sowie Scheiben.

Ausgewählte, hochwertige Diamanten kombiniert mit in der Schweiz hergestellten gehärteten und geschliffenen Edelstahlschäften sind nur ein kleiner Teil des MDT-Geheimnisses. Die eigentliche Innovation besteht in der fortschrittlichen Bindetechnik, der maßgeschneiderten, topmodernen Fertigungsanlagen mit werksinterner F&E sowie das einzigartige Triton® Beschichtungsverfahren. Dieses innovative Verfahren von MDT ermöglicht eine Vervielfachung der Diamanthaftung und ist somit maßgeblich für die herausragende Schneidleistung und Standzeit verantwortlich.

MDT ist der weltweit größte Hersteller von sterilen, gammabestrahlten Diamantbohrern. Die Bohrer werden im 80 m<sup>2</sup> firmeneigenen Reinraum der Klasse 8 einzeln verpackt.

## MDT: Effizienz in ihren Händen

SP

## Sobre nosotros

MDT Micro Diamond Technologies es la Corona de Diamantes del Grupo Schneider, una Compañía dinámica de Alta Tecnología y rápido crecimiento Especialista en la fabricación de Fresas / Brocas Dentales de Alta Calidad de FG Burs Diamantadas, RA, Fresas de Carburo de Tungsteno, HP Pins y Discos.

Diamantadas de primera calidad con tratamiento térmico y molido junto con los vástagos de fabricación suiza de acero inoxidable, es solo una parte de El Secreto MDT.

MDT brinda Tecnología de Avanzada, Investigación y Desarrollo, Líneas de Producción de Vanguardia con el más Estricto Control de Calidad y con el Proceso Triton®, proceso de revestimiento que refuerza doblemente el pegado del diamante que permite mayor exposición de los diamantes logrando un corte superior, suave, filoso y de larga duración.

MDT es el mayor fabricante Mundial de fresas diamantadas estériles en Radiación Gamma con Envasado totalmente automático de FG Burs en Sala estéril de 80 M<sup>2</sup> Clase 8 Clean Room.

## Brocas MDT es "Eficiencia en sus manos".

FR

## La société

MDT, Micro Diamond Technologies, le joyau de la couronne du groupe Schneider, est un fabricant dynamique à croissance rapide, d'instruments dentaires rotatifs de haute technologie, qui se spécialise dans les diamants FG et RA, fraises en carbure de tungstène, des fraises diamantée technique et des disques.

Une sélection de diamants de première qualité ainsi que les tiges en acier inoxydable traité à chaud, fabriqués en Suisse, ne constituent qu'une partie du savoir faire de MDT.







La technologie d'avant garde unique, offerte par MDT, est une technique de adhesion du diamant, lignes de productions modernes livrées selon les critères souhaités, recherche et développement et le procédé de revêtement "Triton", permettant une plus grande exposition des diamants et des performances supérieures pour une coupe rapide.

MDT est le plus grand fabricant au monde de fraises dentaires stérilisées par irradiation gamma. Dans une salle stérile de 80m2, classe 8, entièrement automatisée, les fraises sont emballées dans des sachets individuels.

## MDT Efficacité entre vos mains



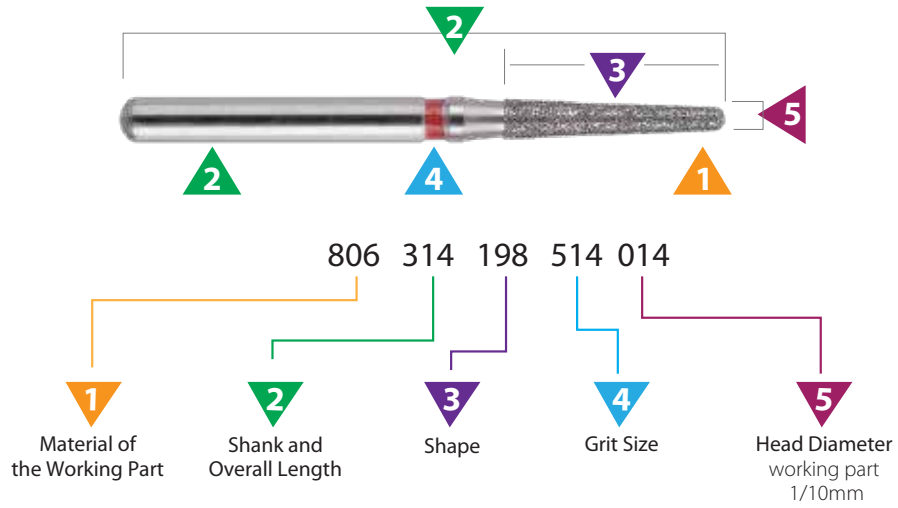
### ISO Diamond Grits

494	White	UF	Ultra Fine	10-20 µm	
504	Yellow	XF	Extra Fine	20-38 µm	
514	Red	F	Fine	38-64 µm	
524	Blue	M	Medium	64-126 µm	
534	Green	C	Coarse	107-151 µm	
544	Black	XC	Extra Coarse	152-181 µm	

### ISO Shanks

3 1 2	FG Friction Grip Extra Short	Ø 1.60mm	14.5 mm	
3 1 3	FG Friction Grip-Short	Ø 1.60mm	16 mm	
3 1 4	FG Friction Grip-Standard	Ø 1.60mm	19 mm	
3 1 5	FG Friction Grip-Long	Ø 1.60mm	21 mm	
3 1 6	FG Friction Grip Extra Long	Ø 1.60mm	25 mm	
2 0 4	RA Right Angle	Ø 2.35mm	22 mm	
2 0 5	RA Right Angle-Long	Ø 2.35mm	27 mm	
1 0 4	HP Handpiece	Ø 2.35mm	44.5 mm	

### ISO Number System



### FG Diamond

806 314 108 514 010

↑ ↑ ↑ ↑ ↑

Diamond Shank ISO Grit Head  
Type Shape Size ø1/10mm

### RA/CA Diamond

806 204 171 524 010

↑ ↑ ↑ ↑ ↑

Diamond Shank ISO Grit Head  
Type Shape Size ø1/10mm

### FG Tungsten Carbide

500 314 107 006 008

↑ ↑ ↑ ↑ ↑

TC Shank ISO Pattern Head  
Type Shape ø1/10mm

### Medical Device Symbols



LOT Number



Single Use



Manufacturer



Attention !  
see instructions for use



Date of Manufacturing



Consult instructions for use  
or Consult operating instructions



CAUTION: U.S. Federal law  
restricts this device from being  
sold or ordered by a physician.



Authorized Representative  
in the European Community



Use-by date



Compliance to European  
Directive 93/68/EEC



Sterilized by irradiation



Do not use if  
package damaged

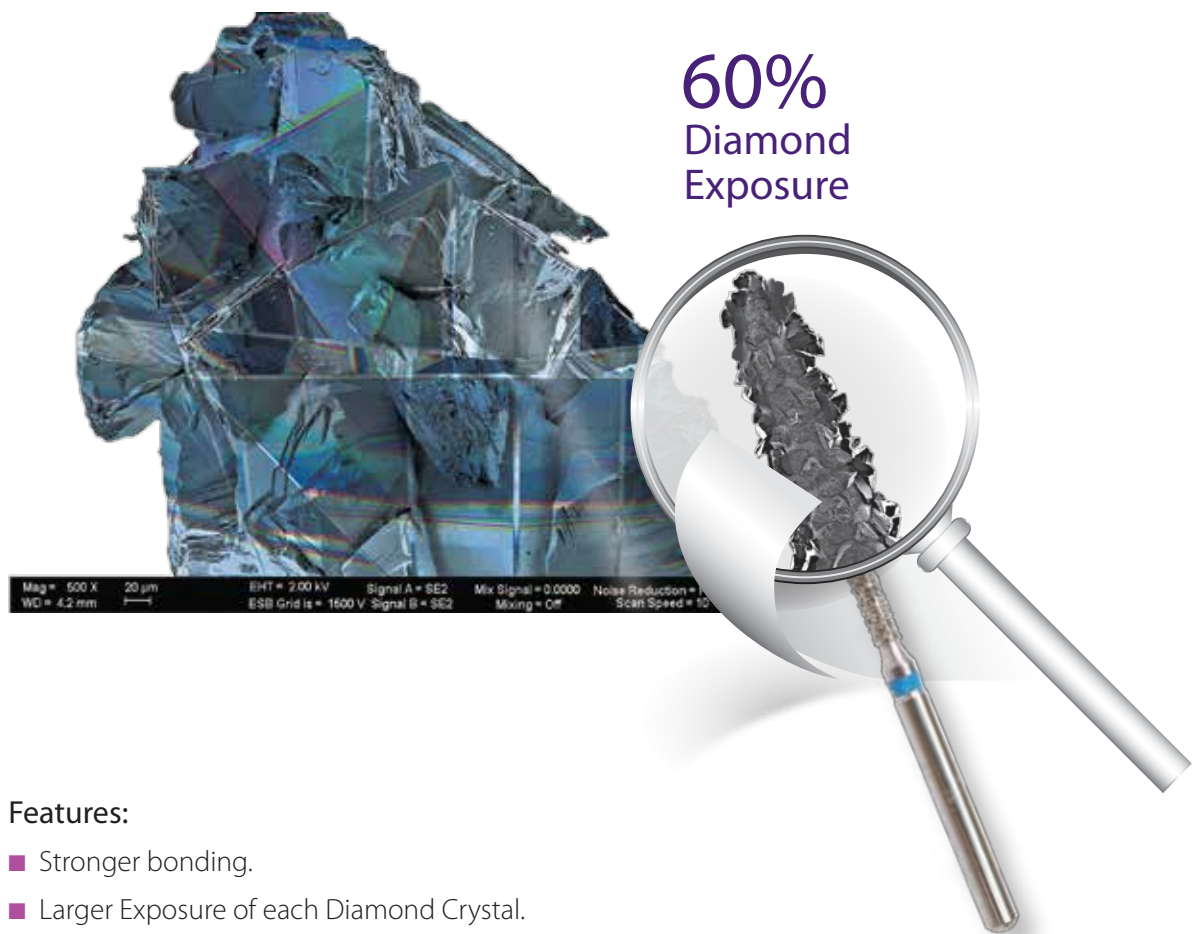


Non sterile device



Catalogue Number

## More Diamond per Diamond®



60%  
Diamond  
Exposure









### Features:

- Stronger bonding.
- Larger Exposure of each Diamond Crystal.
- Uniform Diamond Coating, including the Tips.

### Benefits:

- Faster & Cooler Cutting/Grinding.
- Lasts Longer.
- Slower clogging due to higher Exposure of diamonds.

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FG | RA | Gold  
Diamonds





# 10 FG Diamonds

## 001 | 801

ROUND



Head Diameter 1/10mm	009	010	012	014	016	017	018	020	021	023	025	029	033	042
L1: Head Length L1mm	0.9	1.0	1.2	1.4	1.6	1.7	1.8	2.0	2.1	2.3	2.5	2.9	3.3	4.2
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0

ISO	order #														
806 314 001 494...	001-...UF							018			023				
806 314 001 504...	001-...XF				014	016		018	020		023			033	
806 314 001 514...	001-...F	009	010	012	014	016	017	018	020	021	023	025	029	033	
806 314 001 524...	001-...M	009	010	012	014	016	017	018	020	021	023	025	029	033	042
806 314 001 534...	001-...C	009	010	012	014	016	017	018	020	021	023	025	029	033	
806 314 001 544...	001-...XC		010	012	014	016	017	018	020	021	023	025	029		

## 001 | 801 short

ROUND

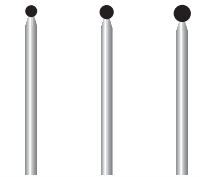


Head Diameter 1/10mm	006	010	012	014	018	024
Head Length L1mm	0.6	1.0	1.2	1.4	1.8	2.4
OAL mm	16.0	16.0	16.0	16.0	16.0	17.5

ISO	order #						
806 313 001 514...	001-...SF	006					024
806 313 001 524...	001-...SM		010	012	014	018	024
806 313 001 534...	001-...SC		010		014	018	024
806 313 001 544...	001-...SXC						024

## 001 LP | 801 LP

ROUND Long Periodent

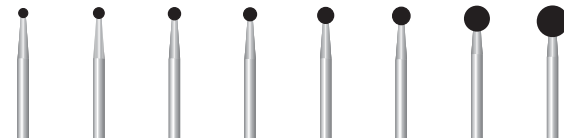


Head Diameter 1/10mm	014	017	021
Head Length L1mm	1.4	1.7	2.1
OAL mm	28.0	28.0	28.0

ISO	order #			
806 315 001 514...	001-...LPF	014	017	021
806 315 001 524...	001-...LPM	014	017	021

## 697 | 801 L

ROUND Long



Head Diameter 1/10mm	012	014	016	017	021	023	032	039
Head Length L1mm	1.2	1.4	1.6	1.7	2.1	2.3	3.2	3.9
OAL mm	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0

ISO	order #								
806 315 697 504...	697-...XF					021	023		
806 315 697 514...	697-...F		014			021	023		
806 315 697 524...	697-...M	012	014	016	017	021	023	032	039
806 315 697 534...	697-...C	012	014	016	017	021	023	032	039
806 315 697 544...	697-...XC				017		023		





**002 | 802**

ROUND with collar



Head Diameter 1/10mm	010	012	014	017	018	021	033
L1: Head Length L1mm	2.2	2.2	2.2	2.5	2.7	2.7	4.5
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0

ISO	order #						
806 314 002 514...	002-...F		I012		I017		I021 I033
806 314 002 524...	002-...M	I010	I012	I014	I017	I018	I021 I033
806 314 002 534...	002-...C	G010	G012	G014	G017	G018	G021 G033
806 314 002 544...	002-...XC				I017		I021

**002 | 802 short**

ROUND with collar



Head Diameter 1/10mm	014
L1: Head Length L1mm	2.2
L2: OAL mm	16.0

ISO	order #	short
806 313 002 524...	002-...SM	I014
806 313 002 534...	002-...SC	G014

**010 | 805**

INVERTED CONE short head



Head Diameter 1/10mm	009	010	012	014	016	017	019	021
L1: Head Length L1mm	0.9	1.0	1.5	1.5	1.5	1.5	1.7	1.9
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0

ISO	order #							
806 314 010 514...	010-...F			I012	I014	I016	I017	I019 I021
806 314 010 524...	010-...M	I009	I010	I012	I014	I016	I017	I019 I021
806 314 010 534...	010-...C			G012	G014	G016	G017	G019 G021
806 314 010 544...	010-...XC				I014	I016	I017	I019 I021

**010 | 805 short**

INVERTED CONE short head



Head Diameter 1/10mm	012	017
L1: Head Length L1mm	1.5	1.5
L2: OAL mm	16.0	16.0

ISO	order #	short	short
806 313 010 524...	010-...SM	I012	I017
806 313 010 534...	010-...SC	G012	G017

**019 | 806**

INVERTED CONE with collar



Head Diameter 1/10mm	009	010	012	014	017	019	021
L1: Head Length L1mm	2.2	2.2	2.2	2.2	3.0	3.0	3.5
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0

ISO	order #						
806 314 019 514...	019-...F			I012		I017	
806 314 019 524...	019-...M	I009	I010	I012	I014	I017	I019 I021
806 314 019 534...	019-...C			G012	G014	G017	G019 G021
806 314 019 544...	019-...XC			I012	I014	I017	I019 I021

**019 | 806 short**

INVERTED CONE with collar



Head Diameter 1/10mm	010	012	017
L1: Head Length L1mm	2.2	2.2	3.0
L2: OAL mm	14.5	16.0	16.0

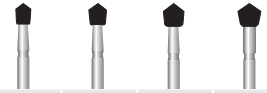
ISO	order #	Xshort	short	short
019 313 019 524...	019-...SHM	I010		
019 313 019 524...	019-...SM		I012	I017
019 313 019 534...	019-...SC		G012	G017



# 12 FG Diamonds

## 031

ACORN



L1: Head Length L1mm	018	023	027	031	
L2: OAL mm	17.0	17.0	17.0	17.0	
ISO	order #				
806 314 032 514...	032-...F	I018	I023	I027	I031
806 314 032 524...	032-...M	II018	II023	II027	II031

## 032 | 813

DIABLO



Head Diameter 1/10mm	012	014	016	
L1: Head Length L1mm	1.5	1.5	1.5	
L2: OAL mm	19.0	19.0	19.0	
ISO	order #			
806 314 032 514...	032-...F	I012	I014	I016
806 314 032 524...	032-...M	II012	II014	II016
806 314 032 534...	032-...C	III012	III014	III016

## 032 | 813 short

DIABLO



Head Diameter 1/10mm	014	
L1: Head Length L1mm	1.5	
L2: OAL mm	16.0	
ISO	order #	short
806 313 032 524...	032-...SM	II014
806 313 032 534...	032-...SC	III014

## 032L | 813L

DIABLO



Head Diameter 1/10mm	010	012	014	016	018	
L1: Head Length L1mm	2.2	2.2	2.3	2.3	2.3	
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	
ISO	order #					
806 314 032L 514...	032L-...F	I012	I016			
806 314 032L 524...	032L-...M	II010	II012	II014	II016	II018
806 314 032L 534...	032L-...C	III012	III014	III016	III018	

## 033 | 899

POINTED BUD



Head Diameter 1/10mm	027	
L1: Head Length L1mm	7.0	
L2: OAL mm	21.0	
ISO	order #	
806 315 033 514...	033-...F	I027
806 315 033 524...	033-...M	II027

## 038 | 811S

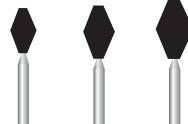
BARREL



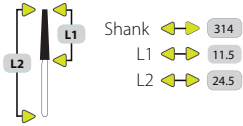
Head Diameter 1/10mm	033	
L1: Head Length L1mm	4.5	
L2: OAL mm	19.5	
ISO	order #	
806 314 038 524...	038-...M	II033
806 314 038 534...	038-...C	III033
806 314 038 544...	038-...XC	IIII033

## 039 | 811

BARREL

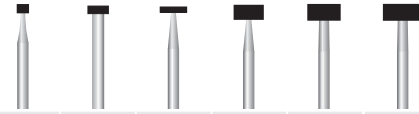


Head Diameter 1/10mm	033	037	048
L1: Head Length L1mm	5.5	7.0	7.0
L2: OAL mm	21.0	21.5	22.0
ISO	order #		
806 315 039 514...	039-...F	I033	
806 315 039 524...	039-...M	II037	II048
806 315 039 534...	039-...C	III037	
806 315 039 544...	039-...XC	IIII037	



**041 | 815**

WHEEL



Head Diameter 1/10mm	017	027	035	038	042	050
L1: Head Length L1mm	1.0	1.0	0.7	1.8	2.0	2.0
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0
ISO	order #					
806 314 041 524...	041-...M	I017	I027	I035	I038	I042 I050
806 314 041 534...	041-...C	I017		I038	I042	
806 314 041 544...	041-...XC			I038		

**055 | 824**

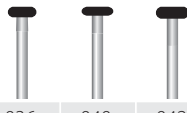
WHEEL with shoulder



Head Diameter 1/10mm	042
L1: Head Length L1mm	0.5
L2: OAL mm	19.0
ISO	order #
806 314 055 524...	055-...M I042
806 314 055 534...	055-...C I042

**067 | 909**

WHEEL rounded rim



Head Diameter 1/10mm	036	040	042
L1: Head Length L1mm	1.2	1.3	1.4
L2: OAL mm	19.0	17.5	17.5
ISO	order #		
806 314 067 514...	067-...F	I036	I040 I042
806 314 067 524...	067-...M	I036	I040 I042
806 314 067 534...	067-...C	I036	I040 I042
806 314 067 544...	067-...XC		I040 I042

**067 | 909 short**

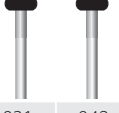
WHEEL rounded rim



Head Diameter 1/10mm	035
L1: Head Length L1mm	1.2
L2: OAL mm	16.5
ISO	order # short
806 313 067 524...	067-...SM I035
806 313 067 534...	067-...SC I035

**068 | 909**

WHEEL rounded rim



Head Diameter 1/10mm	031	042
L1: Head Length L1mm	1.7	1.9
L2: OAL mm	19.0	19.0
ISO	order #	
806 314 068 524...	068-...M	I031 I042
806 314 068 534...	068-...C	I031 I042
806 314 068 544...	068-...XC	

**068 | 909**

WHEEL rounded rim



Head Diameter 1/10mm	055
L1: Head Length L1mm	1.9
L2: OAL mm	19.0
ISO	order #
806 314 068 524...	068-...M I055
806 314 068 534...	068-...C I055

**108 | 835**

FLAT END CYLINDER



Head Diameter 1/10mm	009	010	011
L1: Head Length L1mm	3.0	3.0	3.0
L2: OAL mm	19.0	19.0	19.0
ISO	order #		
806 314 108 514...	108-...F	I009	I010
806 314 108 524...	108-...M	I009	I010 I011
806 314 108 534...	108-...C	I009	I010 I011

**108 | 835 short \***

FLAT END CYLINDER



Head Diameter 1/10mm	008	
L1: Head Length L1mm	3.0	
L2: OAL mm	16.5	
ISO	order # short	
806 313 108 514...	108-...SF	I008
806 313 108 524...	108-...SM	I008
806 313 108 534...	108-...SC	I008

\* Available also in I009SM & I009SC



# 14 FG Diamonds

## 109 | 835

FLAT END CYLINDER



Head Diameter 1/10mm	008	010	011	012	014	016	018
L1: Head Length L1mm	4.0	4.0	4.0	4.0	4.0	4.0	4.0
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0
ISO	order #						
806 314 109 514...	109-...F		I010		I012	I014	I016
806 314 109 524...	109-...M	I008	I010	I011	I012	I014	I016
806 314 109 534...	109-...C	I008	I010	I011	I012	I014	I016
806 314 109 544...	109-...XC		I010	I011	I012	I014	I016

## 109 | 835 short

FLAT END CYLINDER



Head Diameter 1/10mm	010	011	012
L1: Head Length L1mm	4.0	4.0	4.0
L2: OAL mm	16.0	16.0	16.0
ISO	order #		
806 313 109 514...	109-...SF	I010	
806 313 109 524...	109-...SM	I010	I011
806 313 109 534...	109-...SC	I010	I011

## 110 | 836

FLAT END CYLINDER



Head Diameter 1/10mm	010	012	014	016
L1: Head Length L1mm	6.0	6.0	6.0	6.0
L2: OAL mm	21.0	21.0	21.0	21.0
ISO	order #			
806 315 110 504...	110-...XF	I010		I014
806 315 110 514...	110-...F	I010	I012	I014
806 315 110 524...	110-...M	I010	I012	I014
806 315 110 534...	110-...C	I010	I012	I014
806 315 110 544...	110-...XC		I012	I014

## 110 | 836 short

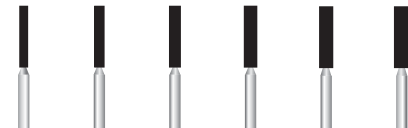
FLAT END CYLINDER



Head Diameter 1/10mm	012	015	017
L1: Head Length L1mm	6.0	6.0	6.0
L2: OAL mm	19.0	19.0	19.0
ISO	order #		
806 314 110 504...	110-...SXF	I012	
806 314 110 514...	110-...SF	I012	I015
806 314 110 524...	110-...SM	I012	I015
806 314 110 534...	110-...SC	I012	I015
806 314 110 544...	110-...SXC		I015

## 111 | 837

FLAT END CYLINDER



Head Diameter 1/10mm	010	012	014	016	018	019
L1: Head Length L1mm	8.0	8.0	8.0	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0	22.0	22.0	22.0
ISO	order #					
806 315 111 504...	111-...XF		I012	I014		
806 315 111 514...	111-...F		I012	I014	I016	I018
806 315 111 524...	111-...M	I010	I012	I014	I016	I018
806 315 111 534...	111-...C	I010	I012	I014	I016	I018
806 315 111 544...	111-...XC	I010	I012	I014	I016	I018

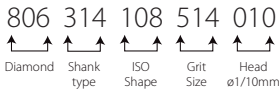
## 111 | 837 short

FLAT END CYLINDER



Head Diameter 1/10mm	016
L1: Head Length L1mm	8.0
L2: OAL mm	19.5
ISO	order #
806 314 111 524...	111-...SM
806 314 111 534...	111-...SC
806 314 111 544...	111-...SXC

ISO



**112 | 837L**

FLAT END CYLINDER



Head Diameter 1/10mm	014
L1: Head Length L1mm	10.0
L2: OAL mm	24.0
ISO	order #
806 315 112 524...	112-...M <input type="checkbox"/> I014
806 315 112 534...	112-...C <input type="checkbox"/> I014

**129 | 884**

BEVELED CYLINDER



Head Diameter 1/10mm	012
L1: Head Length L1mm	6.0
L2: OAL mm	21.0
ISO	order #
806 315 129 524...	129-...M <input type="checkbox"/> I012
806 315 129 534...	129-...C <input type="checkbox"/> I012

**130 | 885**

BEVELED CYLINDER



Head Diameter 1/10mm	010	012	014	016
L1: Head Length L1mm	8.0	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0	22.0
ISO	order #			
806 315 130 504...	130-...XF	<input type="checkbox"/> I012	<input type="checkbox"/> I014	<input type="checkbox"/>
806 315 130 514...	130-...F	<input type="checkbox"/> I012	<input type="checkbox"/> I014	<input type="checkbox"/>
806 315 130 524...	130-...M	<input type="checkbox"/> I010	<input type="checkbox"/> I012	<input type="checkbox"/> I014
806 315 130 534...	130-...C	<input type="checkbox"/> I010	<input type="checkbox"/> I012	<input type="checkbox"/> I014
806 315 130 544...	130-...XC	<input type="checkbox"/> I010	<input type="checkbox"/> I012	<input type="checkbox"/> I014

**130 | 885 short**

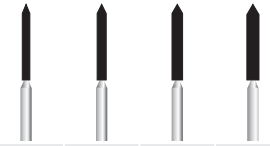
BEVELED CYLINDER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	short
806 314 130 504...	130-...SXF	<input type="checkbox"/> I012
806 314 130 514...	130-...SF	<input type="checkbox"/> I012
806 314 130 524...	130-...SM	<input type="checkbox"/> I012
806 314 130 534...	130-...SC	<input type="checkbox"/> I012
806 314 130 544...	130-...SXC	<input type="checkbox"/> I012

**131 | 886**

BEVELED CYLINDER



Head Diameter 1/10mm	010	012	014	016
L1: Head Length L1mm	10.0	10.0	10.0	10.0
L2: OAL mm	24.0	24.0	24.0	24.0
ISO	order #			
806 315 131 504...	131-...XF	<input type="checkbox"/> I012	<input type="checkbox"/> I014	<input type="checkbox"/>
806 315 131 514...	131-...F	<input type="checkbox"/> I012	<input type="checkbox"/> I014	<input type="checkbox"/> I016
806 315 131 524...	131-...M	<input type="checkbox"/> I010	<input type="checkbox"/> I012	<input type="checkbox"/> I014
806 315 131 534...	131-...C	<input type="checkbox"/> I010	<input type="checkbox"/> I012	<input type="checkbox"/> I014
806 315 131 544...	131-...XC	<input type="checkbox"/> I012	<input type="checkbox"/> I014	<input type="checkbox"/>

**131 | 886 short**

BEVELED CYLINDER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	10.0	
L2: OAL mm	21.5	
ISO	order #	short
806 314 131 504...	131-...SXF	<input type="checkbox"/> I012
806 314 131 514...	131-...SF	<input type="checkbox"/> I012
806 314 131 524...	131-...SM	<input type="checkbox"/> I012
806 314 131 534...	131-...SC	<input type="checkbox"/> I012

**138 | 838**

ROUND END CYLINDER



Head Diameter 1/10mm	010
L1: Head Length L1mm	4.0
L2: OAL mm	19.0
ISO	order #
806 314 138 524...	138-...M <input type="checkbox"/> I010

**138 | 838 short**

ROUND END CYLINDER



Head Diameter 1/10mm	007	007
L1: Head Length L1mm	2.0	3.8
L2: OAL mm	16.5	16.5
ISO	order #	short
806 313 138 514...	138-...SF	<input type="checkbox"/> I007
806 313 138 514...	138L-...SF	<input type="checkbox"/> I007



# 16 FG Diamonds

## 139 | 838

ROUND END CYLINDER



Head Diameter 1/10mm	009	010	012	014
L1: Head Length L1mm	4.0	4.0	4.0	4.0
L2: OAL mm	19.0	19.0	19.0	19.0

ISO	order #				
806 314 139 504...	139-...XF			012	014
806 314 139 514...	139-...F			012	014
806 314 139 524...	139-...M	009	010	012	014
806 314 139 534...	139-...C		010	012	014
806 314 139 544...	139-...XC				014

## 140 | 880

ROUND END CYLINDER



Head Diameter 1/10mm	012	014
L1: Head Length L1mm	6.0	6.0
L2: OAL mm	21.0	21.0

ISO	order #		
806 315 140 504...	140-...XF	012	
806 315 140 514...	140-...F	012	
806 315 140 524...	140-...M	012	014
806 315 140 534...	140-...C	012	014
806 315 140 544...	140-...XC	012	014

## 140 | 880 short

ROUND END CYLINDER



Head Diameter 1/10mm	010	012	014
L1: Head Length L1mm	6.0	6.0	6.0
L2: OAL mm	19.0	18.5	19.0

ISO	order #	short	short	short
806 314 140 504...	140-...SXF		012	
806 314 140 514...	140-...SF	010	012	014
806 314 140 524...	140-...SM	010	012	014
806 314 140 534...	140-...SC	010	012	014
806 314 140 544...	140-...SXC		012	014

## 141 | 881

ROUND END CYLINDER



Head Diameter 1/10mm	010	012	014	016	018
L1: Head Length L1mm	8.0	8.0	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0	22.0	22.0

ISO	order #					
806 315 141 504...	141-...XF		012	014	016	
806 315 141 514...	141-...F		012	014	016	
806 315 141 524...	141-...M	010	012	014	016	018
806 315 141 534...	141-...C	010	012	014	016	018
806 315 141 544...	141-...XC		012	014	016	018

## 141 | 881 short

ROUND END CYLINDER

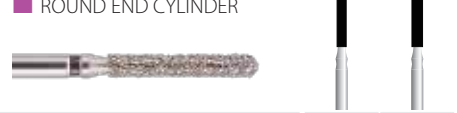


Head Diameter 1/10mm	014	016
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	19.5	19.5

ISO	order #	short	short
806 314 141 504...	141-...SXF	014	016
806 314 141 514...	141-...SF	014	016
806 314 141 524...	141-...SM	014	016
806 314 141 534...	141-...SC	014	016
806 314 141 544...	141-...SXC	014	016

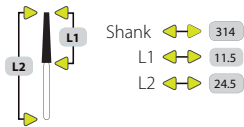
## 142 | 882

ROUND END CYLINDER









Head Diameter 1/10mm	012	014
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	24.0	24.0

ISO	order #		
806 315 142 504...	142-...XF	012	
806 315 142 514...	142-...F	012	
806 315 142 524...	142-...M	012	014
806 315 142 534...	142-...C	012	014
806 315 142 544...	142-...XC	012	014

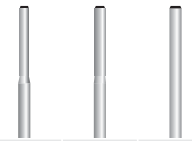


**146 | 883**   
KS CYLINDER



Head Diameter 1/10mm		012	014
L1: Head Length L1mm		7.0	8.0
L2: OAL mm		20.0	20.0
ISO	order #	short	short
806 314 146 524...	146-...SM	 012	 014
806 314 146 534...	146-...SC	 012	 014
806 314 146 544...	146-...XC	 012	 014





**150 | 839**   
END CUTTING CYLINDER




Head Diameter 1/10mm		012	014	016
L1: Head Length L1mm				
L2: OAL mm		23.0	23.0	23.0
ISO	order #			
806 315 150 524...	150-...M	 012	 014	 016










**150 | 839 short**   
END CUTTING CYLINDER



Head Diameter 1/10mm		012	014	016
L1: Head Length L1mm				
L2: OAL mm		21.0	21.0	21.0
ISO	order #	short	short	short
806 314 150 514...	150-...SF	 012		
806 314 150 524...	150-...SM	 012	 014	 016










**156 | 835KR**   
ROUND EDGE CYLINDER



Head Diameter 1/10mm		008	010	012
L1: Head Length L1mm		4.0	4.0	4.0
L2: OAL mm		19.0	19.0	19.0
ISO	order #			
806 314 156 504...	156-...XF		 010	 012
806 314 156 514...	156-...F		 010	 012
806 314 156 524...	156-...M	 008	 010	 012
806 314 156 534...	156-...C		 010	 012














**157 | 836KR**   
ROUND EDGE CYLINDER



Head Diameter 1/10mm		010	012	014
L1: Head Length L1mm		6.0	6.0	6.0
L2: OAL mm		21.0	21.0	21.0
ISO	order #			
806 315 157 504...	157-...XF		 012	
806 315 157 514...	157-...F	 010	 012	
806 315 157 524...	157-...M	 010	 012	 014
806 315 157 534...	157-...C	 010	 012	 014

**158 | 837KR**   
ROUND EDGE CYLINDER



Head Diameter 1/10mm		012	014	016
L1: Head Length L1mm		8.0	8.0	8.0
L2: OAL mm		22.0	22.0	22.0
ISO	order #			
806 315 158 504...	158-...XF		 014	
806 315 158 514...	158-...F	 012	 014	 016
806 315 158 524...	158-...M	 012	 014	 016
806 315 158 534...	158-...C	 012	 014	 016
806 315 158 544...	158-...XC	 012	 014	 016

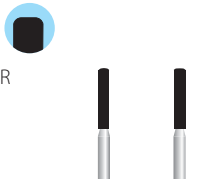




# 18 FG Diamonds

## 158 | 837KR short

ROUND EDGE CYLINDER



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	20.0	20.0
ISO	order #	short
806 314 158 514...	158-...SF	I014 I016
806 314 158 524...	158-...SM	I014 I016
806 314 158 534...	158-...SC	I014 I016

## 159 | 890

POINTED CONE



Head Diameter 1/10mm	010	
L1: Head Length L1mm	4.0	
L2: OAL mm	20.0	
ISO	order #	
806 314 159 494...	159-...UF	I010
806 314 159 504...	159-...XF	I010
806 314 159 514...	159-...F	I010

## 161 | 851

POINTED CONE



Head Diameter 1/10mm	038	
L1: Head Length L1mm	7.0	
L2: OAL mm	21.0	
ISO	order #	
806 315 161 524...	161-...M	I038
806 315 161 534...	161-...C	I038

## 161 | 851 short

POINTED CONE



Head Diameter 1/10mm	007	
L1: Head Length L1mm	7.0	
L2: OAL mm	16.5	
ISO	order #	
806 313 161 514...	161-...F	I007

## 163

ACORN



Head Diameter 1/10mm	030	
L1: Head Length L1mm	3.8	
L2: OAL mm	21.0	
ISO	order #	
806 315 163 514...	163-...XF	I030
806 315 163 514...	163-...F	I030

## 164 | 852

POINTED CONE



Head Diameter 1/10mm	010	012	014
L1: Head Length L1mm	6.0	6.0	6.0
L2: OAL mm	21.0	21.0	21.0
ISO	order #		
806 314 164 494...	164-...UF	I012	
806 314 164 504...	164-...XF	I012	I014
806 314 164 514...	164-...F	I010	I012 I014
806 314 164524...	164-...M	I010	I012 I014
806 314 164 534...	164-...C	I010	I012 I014
806 314 164 544...	164-...XC	I012	I014

## 164 | 852 short

POINTED CONE



Head Diameter 1/10mm	007	014
L1: Head Length L1mm	3.6	6.0
L2: OAL mm	16.5	19.0
ISO	order #	short
806 313 164 494...	164-...SUF	I014
806 313 164 504...	164-...SXF	I014
806 313 164 514...	164-...SF	I007 I014
806 313 164 524...	164-...SM	I014
806 313 164 534...	164-...SC	I014

## 164S | 852S

POINTED CONE



Head Diameter 1/10mm	008	
L1: Head Length L1mm	3.0	
L2: OAL mm	21.0	
ISO	order #	
806 314 164 504...	164S-...XF	I008
806 314 164 314...	164S-...F	I008

Order # sample: 001 <sup>-018</sup> F  
↑ Shape ↑ Head ↑ Grit

**165 | 858**

POINTED CONE



Head Diameter 1/10mm	010	012	014	016
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L1: Head Length L1mm	8.0	8.0	8.0	8.0
----------------------	-----	-----	-----	-----

L2: OAL mm	22.0	22.0	22.0	22.0
------------	------	------	------	------

ISO	order #
-----	---------

806 315 165 494...	165-...UF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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806 315 165 504...	165-...XF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 315 165 514...	165-...F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 315 165 524...	165-...M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 315 165 534...	165-...C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 315 165 544...	165-...XC	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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**165 | 858 short**

POINTED CONE



Head Diameter 1/10mm	014
----------------------	-----

L1: Head Length L1mm	8.0
----------------------	-----

L2: OAL mm	19.5
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ISO	order #	short
-----	---------	-------

806 314 165 494...	165-...SUF	<input checked="" type="checkbox"/>
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806 314 165 504...	165-...SXF	<input checked="" type="checkbox"/>
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806 314 165 514...	165-...SF	<input checked="" type="checkbox"/>
--------------------	-----------	-------------------------------------

806 314 165 524...	165-...SM	<input checked="" type="checkbox"/>
--------------------	-----------	-------------------------------------

806 314 165 534...	165-...SC	<input checked="" type="checkbox"/>
--------------------	-----------	-------------------------------------

**165L | 858L**

POINTED CONE



Head Diameter 1/10mm	014
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L1: Head Length L1mm	9.0
----------------------	-----

L2: OAL mm	24.0
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ISO	order #
-----	---------

806 316 165 504...	165L-...XF	<input checked="" type="checkbox"/>
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806 316 165 514...	165L-...F	<input checked="" type="checkbox"/>
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**166 | 859**

POINTED CONE



Head Diameter 1/10mm	010	012	014	016	017	018	019
----------------------	-----	-----	-----	-----	-----	-----	-----

L1: Head Length L1mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0
----------------------	------	------	------	------	------	------	------

L2: OAL mm	24.0	24.0	24.0	24.0	24.0	24.0	24.0
------------	------	------	------	------	------	------	------

ISO	order #
-----	---------

806 315 166 494...	166-...UF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------	-----------	--------------------------	--------------------------	-------------------------------------	-------------------------------------	--------------------------	--------------------------

806 315 166 504...	166-...XF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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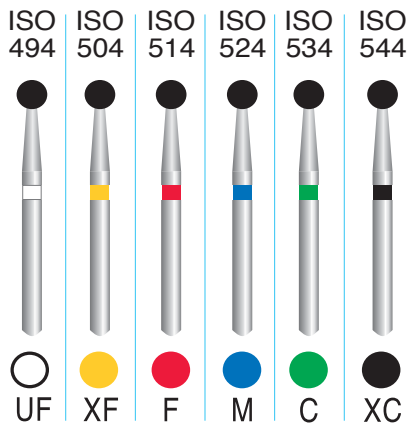
806 315 166 514...	166-...F	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 315 166 524...	166-...M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 315 166 534...	166-...C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 315 166 544...	166-...XC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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**Diamond Grit**



Ultra Fine  Extra Fine  Fine  Medium  Coarse  Extra Coarse



**166 | 859 short**

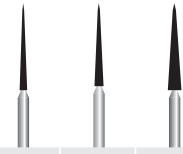
POINTED CONE



Head Diameter 1/10mm		014	016	024
L1: Head Length L1mm		10.0	10.0	10.0
L2: OAL mm		21.5	22.0	21.0
ISO	order #	short	short	short
806 314 166 494...	166-...SUF	<input type="checkbox"/> 014	<input type="checkbox"/>	<input type="checkbox"/>
806 314 166 504...	166-...SXF	<input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 024
806 314 166 514...	166-...SF	<input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 024
806 314 166 524...	166-...SM	<input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 024
806 314 166 534...	166-...SC	<input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 024
806 314 166 544...	166-...SXC	<input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 024

**167 | 859L**

POINTED CONE



Head Diameter 1/10mm		010	012	018
L1: Head Length L1mm		11.5	11.5	11.5
L2: OAL mm		24.5	24.5	24.5
ISO	order #			
806 315 167 494...	167-...UF	<input type="checkbox"/>	<input checked="" type="checkbox"/> 012	<input type="checkbox"/>
806 315 167 504...	167-...XF	<input type="checkbox"/>	<input checked="" type="checkbox"/> 012	<input type="checkbox"/>
806 315 167 514...	167-...F	<input checked="" type="checkbox"/> 010	<input checked="" type="checkbox"/> 012	<input type="checkbox"/>
806 315 167 524...	167-...M	<input checked="" type="checkbox"/> 010	<input checked="" type="checkbox"/> 012	<input checked="" type="checkbox"/> 018
806 315 167 534...	167-...C	<input checked="" type="checkbox"/> 010	<input checked="" type="checkbox"/> 012	<input checked="" type="checkbox"/> 018
806 315 167 544...	167-...XC	<input type="checkbox"/>	<input checked="" type="checkbox"/> 012	<input type="checkbox"/>

**169 | 845**

FLAT END TAPER



**169 | 845 short**

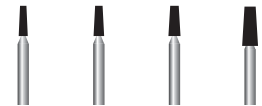
FLAT END TAPER



Head Diameter 1/10mm		010	Head Diameter 1/10mm		011
L1: Head Length L1mm		3.5	L1: Head Length L1mm		3.5
L2: OAL mm		19.0	L2: OAL mm		17.0
ISO	order #		ISO	order #	short
806 314 169 514...	169-...F	<input checked="" type="checkbox"/> 010	806 313 169 514...	169-...SF	<input checked="" type="checkbox"/> 011
806 314 169 524...	169-...M	<input checked="" type="checkbox"/> 010	806 313 169 524...	169-...SM	<input checked="" type="checkbox"/> 011
806 314 169 534...	169-...C	<input checked="" type="checkbox"/> 010			

**170 | 845**

FLAT END TAPER



Head Diameter 1/10mm		012	014	016	021
L1: Head Length L1mm		4.0	4.0	4.0	5.2
L2: OAL mm		19.0	19.0	19.0	19.0
ISO	order #				
806 314 170 514...	170-...F	<input type="checkbox"/>	<input checked="" type="checkbox"/> 014	<input type="checkbox"/>	<input checked="" type="checkbox"/> 021
806 314 170 524...	170-...M	<input checked="" type="checkbox"/> 012	<input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 021
806 314 170 534...	170-...C	<input checked="" type="checkbox"/> 012	<input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 021
806 314 170 544...	170-...XC	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 021

**170 | 845 short**

FLAT END TAPER



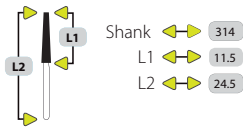
Head Diameter 1/10mm		016	018	021
L1: Head Length L1mm		4.0	5.0	5.2
L2: OAL mm		17.0	17.0	17.0
ISO	order #	short	short	short
806 313 170 514...	170-...SF	<input type="checkbox"/>	<input checked="" type="checkbox"/> 018	<input checked="" type="checkbox"/> 021
806 313 170 524...	170-...SM	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 018	<input checked="" type="checkbox"/> 021
806 313 170 534...	170-...SC	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 021
806 313 170 544...	170-...SXC	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 021

**170 | 845 Xshort**

FLAT END TAPER



Head Diameter 1/10mm		016
L1: Head Length L1mm		4.0
L2: OAL mm		14.0
ISO	order #	Xshort
806 312 170 524...	170-...SHM	<input checked="" type="checkbox"/> 016



### 171 | 846

FLAT END TAPER



Head Diameter 1/10mm	012	014	016	018
L1: Head Length L1mm	6.0	6.0	6.0	6.0
L2: OAL mm	21.0	21.0	21.0	21.0

ISO	order #				
806 315 171 494...	171-...UF			016	
806 315 171 504...	171-...XF		014	016	018
806 315 171 514...	171-...F	012	014	016	018
806 315 171 524...	171-...M	012	014	016	018
806 315 171 534...	171-...C	012	014	016	018
806 315 171 544...	171-...XC		014	016	018

### 171 | 846 short

FLAT END TAPER



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	6.0	7.0
L2: OAL mm	19.0	19.0

ISO	order #	short	short
806 314 171 504...	171-...SXF	014	
806 314 171 514...	171-...SF	014	
806 314 171 524...	171-...SM	014	016
806 314 171 534...	171-...SC	014	
806 314 171 544...	171-...SXC	014	

### 172 | 847

FLAT END TAPER



Head Diameter 1/10mm	010	012	014	016	018	023
L1: Head Length L1mm	8.0	8.0	8.0	8.0	8.0	9.0
L2: OAL mm	22.0	22.0	22.0	22.5	22.5	22.0

ISO	order #						
806 315 172 504...	172-...XF				016		
806 315 172 514...	172-...F		012	014	016		
806 315 172 524...	172-...M	010	012	014	016	018	023
806 315 172 534...	172-...C	010	012	014	016	018	023
806 315 172 544...	172-...XC		012	014	016	018	

### 172 | 847 short

FLAT END TAPER



Head Diameter 1/10mm	013	015	018	019
L1: Head Length L1mm	8.0	8.0	8.0	8.0
L2: OAL mm	20.5	19.5	19.5	19.5

ISO	order #	short	short	short	short
806 314 172 504...	172-...SXF		015		
806 314 172 514...	172-...SF		015	018	
806 314 172 524...	172-...SM	013	015	018	019
806 314 172 534...	172-...SC	013	015	018	019
806 314 172 544...	172-...SXC		015	018	019

### 173 | 848

FLAT END TAPER



Head Diameter 1/10mm	010	012	014	016	017	018	019
L1: Head Length L1mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0
L2: OAL mm	24.0	24.0	24.0	24.0	24.0	24.0	24.0

ISO	order #						
806 315 173 504...	173-...XF			014	016	017	
806 315 173 514...	173-...F		012	014	016	017	018 019
806 315 173 524...	173-...M	010	012	014	016	017	018 019
806 315 173 534...	173-...C	010	012	014	016	017	018 019
806 315 173 544...	173-...XC				016	017	018 019

### 173 | 848 Xshort

FLAT END TAPER



Head Diameter 1/10mm	016
L1: Head Length L1mm	10.0
L2: OAL mm	18.5

ISO	order #	Xshort
806 313 173 524...	173-...SHM	016
806 313 173 534...	173-...SHC	016



**173 | 848 short**

FLAT END TAPER



Head Diameter 1/10mm	016	018	021	
L1: Head Length L1mm	10.0	10.0	10.0	
L2: OAL mm	21.5	21.5	21.5	
ISO	order #	short	short	short
806 314 173 504...	173-...SXF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 173 514...	173-...SF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 173 524...	173-...SM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 173 534...	173-...SC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 173 544...	173-...SXC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**174 | 848L**

FLAT END TAPER



Head Diameter 1/10mm	013	020	022	
L1: Head Length L1mm	11.5	11.5	11.5	
L2: OAL mm	24.5	24.5	24.5	
ISO	order #			
806 315 174 504...	174-...XF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 315 174 514...	174-...F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 315 174 524...	174-...M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 315 174 534...	174-...C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**190**



FLAME OGIVAL SAFE END



Head Diameter 1/10mm	018	
L1: Head Length L1mm	9.5	
L2: OAL mm	21.0	
ISO	order #	
806 314 190 534...	190-...C	<input type="checkbox"/>

**195**

ROUND END TAPER



Head Diameter 1/10mm	007	009	011	
L1: Head Length L1mm	2.7	2.7	2.7	
L2: OAL mm	19.0	19.0	19.0	
ISO	order #			
806 314 195 504...	195-...XF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 195 514...	195-...F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 195 524...	195-...M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**195S short**

ROUND END TAPER



Head Diameter 1/10mm	007	011
L1: Head Length L1mm	1.7	2.6
L2: OAL mm	19.0	16.5
ISO	order #	
806 314 195 514...	195S-...F	<input type="checkbox"/>
806 313 195 514...	195S-...F	<input type="checkbox"/>

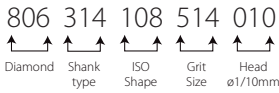
**196 | 849**

ROUND END TAPER



Head Diameter 1/10mm	009	010	015	016	020	026
L1: Head Length L1mm	4.0	4.0	4.0	4.0	4.0	4.0
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0
ISO	order #					
806 314 196 504...	196-...XF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 196 514...	196-...F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 196 524...	196-...M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 196 534...	196-...C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 314 196 544...	196-...XC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ISO



**197 | 855**

ROUND END TAPER



Head Diameter 1/10mm	012	014	016	023	025
L1: Head Length L1mm	6.0	6.0	6.0	7.0	7.0
L2: OAL mm	21.0	21.0	21.0	21.0	21.0

ISO	order #					
806 315 197 504...	197-...XF				023	
806 315 197 514...	197-...F	012	014		023	
806 315 197 524...	197-...M	012	014	016	023	025
806 315 197 534...	197-...C	012	014	016	023	025
806 315 197 544...	197-...XC	012	014	016	023	025

**197 | 855 Xshort**

ROUND END TAPER



Head Diameter 1/10mm	013	016	018
L1: Head Length L1mm	6.5	6.0	6.0
L2: OAL mm	16.5	16.5	16.5

ISO	order #	Xshort	Xshort	Xshort
806 313 197 514...	197-...SHF	013		
806 313 197 524...	197-...SHM	013	016	018
806 313 197 534...	197-...SHC		016	018
806 313 197 544...	197-...SHXC		016	018

**197 | 855 Sshort**

ROUND END TAPER



Head Diameter 1/10mm	016
L1: Head Length L1mm	6.0
L2: OAL mm	17.5

ISO	order #	Sshort
806 314 197 524...	197-...SSM	016

**197 | 855 short**

ROUND END TAPER



Head Diameter 1/10mm	012	017	018	024
L1: Head Length L1mm	6.0	6.0	6.0	7.0
L2: OAL mm	18.5	18.5	18.5	18.5

ISO	order #	short	short	short	short
806 314 197 514...	197-...SF			018	
806 314 197 524...	197-...SM	012	017	018	024
806 314 197 534...	197-...SC	012	017	018	024
806 314 197 544...	197-...SXC		017	018	024

**198 | 856**

ROUND END TAPER



Head Diameter 1/10mm	010	012	014	015	016	017	018	019	021	022	025
L1: Head Length L1mm	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0

ISO	order #										
806 315 198 504...	198-...XF			014	015	016			019		
806 315 198 514...	198-...F		012	014	015	016	017	018	019		
806 315 198 524...	198-...M	010	012	014	015	016	017	018	019	021	022
806 315 198 534...	198-...C	010	012	014	015	016	017	018	019	021	022
806 315 198 544...	198-...XC			014	015	016	017	018	019	021	022



**198 | 856 short**

ROUND END TAPER



Head Diameter 1/10mm	014	016	019	023	
L1: Head Length L1mm	8.0	8.0	9.0	8.5	
L2: OAL mm	20.0	20.0	20.0	20.0	
ISO	order #	short	short	short	short
806 314 198 504...	198-...SXF	014			
806 314 198 514...	198-...SF	014	016	019	
806 314 198 524...	198-...SM	014	016	019	023
806 314 198 534...	198-...SC	014	016	019	023
806 314 198 544...	198-...SXC	014	016	019	023

**198L | 856L Long**

ROUND END TAPER



Head Diameter 1/10mm	014	016	018	020	
L1: Head Length L1mm	9.0	9.0	9.0	9.0	
L2: OAL mm	22.0	22.0	22.0	22.0	
ISO	order #				
806 316 198L 504...	198L-...XF	014	016	018	020
806 316 198L 514...	198L-...F	014	016	018	020
806 316 198L 524...	198L-...M	014	016	018	020
806 316 198L 534...	198L-...C	014	016	018	020
806 316 198L 544...	198L-...XC	014	016	018	020

**199 | 850**

ROUND END TAPER



Head Diameter 1/10mm	010	012	014	016	018	
L1: Head Length L1mm	10.0	10.0	10.0	10.0	10.0	
L2: OAL mm	24.0	24.0	24.0	24.0	24.0	
ISO	order #					
806 316 199 504...	199-...XF			016	018	
806 316 199 514...	199-...F	010	012	014	016	018
806 316 199 524...	199-...M	010	012	014	016	018
806 316 199 534...	199-...C	010	012	014	016	018
806 316 199 544...	199-...XC	010	012	014	016	018

**199 | 850 Xshort**

ROUND END TAPER



Head Diameter 1/10mm	016	
L1: Head Length L1mm	10.0	
L2: OAL mm	18.5	
ISO	order #	Xshort
806 314 199 524...	199-...SHM	016
806 314 199 534...	199-...SHC	016
806 314 199 544...	199-...SHXC	016

**199 | 850 short**

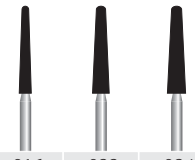
ROUND END TAPER



Head Diameter 1/10mm	010	012	014	015	016	017	019	
L1: Head Length L1mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
L2: OAL mm	18.5	22.0	22.0	22.0	22.0	22.0	22.0	
ISO	order #	short	short	short	short	short	short	
806 315 199 504...	199-...SXF				016	017	019	
806 315 199 514...	199-...SF			014	015	016	017	019
806 315 199 524...	199-...SM	010	012	014	015	016	017	019
806 315 199 534...	199-...SC	010	012	014	015	016	017	019
806 315 199 544...	199-...SXC			014	015	016	017	019

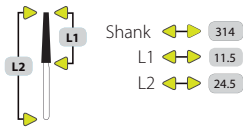
**200 | 850L**

ROUND END TAPER



Head Diameter 1/10mm	016	022	024	
L1: Head Length L1mm	11.5	11.5	11.5	
L2: OAL mm	24.5	24.5	24.5	
ISO	order #			
806 315 200 524...	200-...M	016	022	024
806 315 200 534...	200-...C	016	022	024





### 216

TAPERED SAFE END



Head Diameter 1/10mm	010
L1: Head Length L1mm	3.0
L2: OAL mm	21.0
ISO	order #
806 314 216 504...	216-...XF <span style="color: yellow;">■</span> 010
806 314 216 514...	216-...F <span style="color: red;">■</span> 010

### 218

TAPERED SAFE END



Head Diameter 1/10mm	016
L1: Head Length L1mm	6.0
L2: OAL mm	21.0
ISO	order #
806 314 218 504...	218-...XF <span style="color: yellow;">■</span> 016
806 314 218 514...	218-...F <span style="color: red;">■</span> 016

### 219

TAPERED SAFE END



Head Diameter 1/10mm	012	016
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	22.0	22.0
ISO	order #	
806 315 219 524...	219-...M <span style="color: blue;">■</span> 012	<span style="color: blue;">■</span> 016

### 220

TAPERED SAFE END



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	24.0	24.0
ISO	order #	
806 315 220 524...	220-...M <span style="color: blue;">■</span> 014	<span style="color: blue;">■</span> 016

### 225 | 807

INVERTED CONE



Head Diameter 1/10mm	010	013	015	016	018	
L1: Head Length L1mm	3.5	3.5	4.0	4.0	5.0	
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	
ISO	order #					
806 314 225 504...	225-...XF					
806 314 225 514...	225-...F	<span style="color: red;">■</span> 013	<span style="color: red;">■</span> 015		<span style="color: red;">■</span> 018	
806 314 225 524...	225-...M	<span style="color: blue;">■</span> 010	<span style="color: blue;">■</span> 013	<span style="color: blue;">■</span> 015	<span style="color: blue;">■</span> 016	<span style="color: blue;">■</span> 018
806 314 225 534...	225-...C	<span style="color: green;">■</span> 013	<span style="color: green;">■</span> 015	<span style="color: green;">■</span> 016	<span style="color: green;">■</span> 018	
806 314 225 544...	225-...XC	<span style="color: black;">■</span> 013	<span style="color: black;">■</span> 015	<span style="color: black;">■</span> 016	<span style="color: black;">■</span> 018	

### 226 | 807L

INVERTED CONE



Head Diameter 1/10mm	018
L1: Head Length L1mm	7.0
L2: OAL mm	21.0
ISO	order #
806 314 226 524...	226-...M <span style="color: blue;">■</span> 018
806 314 226 534...	226-...C <span style="color: green;">■</span> 018

### 233 | 830 | Rounded Edge

INVERTED CONE



Head Diameter 1/10mm	012	016	
L1: Head Length L1mm	2.8	3.0	
L2: OAL mm	19.0	19.0	
ISO	order #		
806 314 233 504...	233-...XF	<span style="color: yellow;">■</span> 016	
806 314 233 514...	233-...F	<span style="color: red;">■</span> 016	
806 314 233 524...	233-...M	<span style="color: blue;">■</span> 012	<span style="color: blue;">■</span> 016
806 314 233 534...	233-...C	<span style="color: green;">■</span> 012	<span style="color: green;">■</span> 016



# 26 FG Diamonds

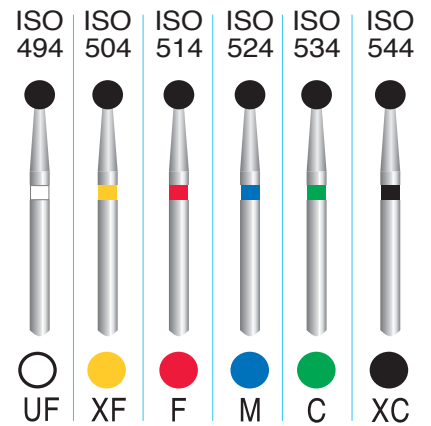
## 234 | 830L | Rounded Edge

INVERTED CONE



Head Diameter 1/10mm	012	014	016	018	
L1: Head Length L1mm	4.0	5.0	5.0	5.0	
L2: OAL mm	19.0	19.0	19.0	19.0	
ISO	order #			806	
806 314 234 524...	234-...M	<input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016	<input type="checkbox"/> 018
806 314 234 534...	234-...C	<input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016	<input type="checkbox"/> 018
806 314 234 544...	234-...XC	<input type="checkbox"/> 012	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Diamond Grit



## 237 | 830R

PEAR



Head Diameter 1/10mm	009	010	012	016	018	021	032	
L1: Head Length L1mm	1.5	3.0	3.0	4.0	4.0	4.0	5.0	
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0	
ISO	order #							
806 314 237 504...	237-...XF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 012	<input type="checkbox"/>	<input type="checkbox"/> 021	<input type="checkbox"/>	
806 314 234 514...	237-...F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 012	<input type="checkbox"/>	<input type="checkbox"/> 021	<input type="checkbox"/>	
806 314 237 524...	237-...M	<input type="checkbox"/> 009	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 021	<input type="checkbox"/> 032
806 314 237 534...	237-...C	<input type="checkbox"/>	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 021	<input type="checkbox"/> 032
806 314 237 544...	237-...XC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 032

## 237 | 830R Xshort

PEAR



Head Diameter 1/10mm	009	012		
L1: Head Length L1mm	1.5	3.0		
L2: OAL mm	16.0	16.0		
ISO	order #		Xshort	Xshort
806 313 237 514...	237-...SHF	<input type="checkbox"/> 009	<input type="checkbox"/>	<input type="checkbox"/>
806 313 237 524...	237-...SHM	<input type="checkbox"/> 009	<input type="checkbox"/> 012	<input type="checkbox"/>

## 238 | 830RL

PEAR



Head Diameter 1/10mm	012	014	
L1: Head Length L1mm	5.0	5.0	
L2: OAL mm	19.0	19.0	
ISO	order #		
806 314 238 524...	238-...M	<input type="checkbox"/> 012	<input type="checkbox"/> 014
806 314 238 534...	238-...C	<input type="checkbox"/> 012	<input type="checkbox"/> 014
806 314 238 544...	238-...XC	<input type="checkbox"/>	<input type="checkbox"/> 014

## 243

FLAME



Head Diameter 1/10mm	018	022	
L1: Head Length L1mm	4.9	4.9	
L2: OAL mm	19.0	19.0	
ISO	order #		
806 314 243 504...	243-...XF	<input type="checkbox"/> 018	<input type="checkbox"/>
806 314 243 514...	243-...F	<input type="checkbox"/> 018	<input type="checkbox"/> 022
806 314 243 524...	243-...M	<input type="checkbox"/> 018	<input type="checkbox"/> 022

### 246 | 860

FLAME



Head Diameter 1/10mm	014
L1: Head Length L1mm	2.7
L2: OAL mm	19.0
ISO	order #
806 314 246 504...	246-...XF 014
806 314 246 514...	246-...F 014

### 246 | 860 Xshort

FLAME



Head Diameter 1/10mm	006	007
L1: Head Length L1mm	2.2	2.2
L2: OAL mm	16.5	16.5
ISO	order #	Xshort Xshort
806 313 246 514...	246-...SHF	006
806 313 246 524...	246-...SHM	006 007

### 247 | 860

FLAME



Head Diameter 1/10mm	010	012	014	016
L1: Head Length L1mm	4.0	4.0	5.0	5.0
L2: OAL mm	19.0	19.0	19.0	19.0
ISO	order #			
806 314 247 494...	247-...UF		014	
806 314 247 504...	247-...XF	010	012	014 016
806 314 247 514...	247-...F	010	012	014 016
806 314 247 524...	247-...M	010	012	014 016
806 314 247 534...	247-...C	010	012	014 016
806 314 247 544...	247-...XC		012	014 016

### 248 | 861

FLAME



Head Diameter 1/10mm	012	014
L1: Head Length L1mm	6.0	6.0
L2: OAL mm	21.0	21.0
ISO	order #	
806 314 248 504...	248-...XF	012 014
806 314 248 514...	248-...F	012 014
806 314 248 524...	248-...M	012 014
806 314 248 534...	248-...C	012 014

### 248 | 861 Xshort

FLAME



Head Diameter 1/10mm	014	
L1: Head Length L1mm	6.0	
L2: OAL mm	17.5	
ISO	order #	Xshort
806 313 248 514...	248-...SHF	014
806 313 248 524...	248-...SHM	014
806 313 248 534...	248-...SHC	014

### 249 | 862

FLAME



Head Diameter 1/10mm	009	010	012	014	015	016	018
L1: Head Length L1mm	8.0	8.0	8.0	8.0	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0	22.0	22.0	22.0	22.0
ISO	order #						
806 315 249 494...	249-...UF		012	014			
806 315 249 504...	249-...XF	009	010	012	014	015	016 018
806 315 249 514...	249-...F	009	010	012	014	015	016 018
806 315 249 524...	249-...M	009	010	012	014	015	016 018
806 315 249 534...	249-...C		010	012	014	015	016 018
806 315 249 544...	249-...XC		010	012	014	015	016 018



### 249 | 862 Xshort

FLAME



Head Diameter 1/10mm	014
L1: Head Length L1mm	8.0
L2: OAL mm	16.0
ISO	order #
806 313 249 524...	249-...SHM <input type="checkbox"/> 014
806 313 249 534...	249-...SHC <input type="checkbox"/> 014

### 249 | 862 short

FLAME



Head Diameter 1/10mm	010	012	014	016
L1: Head Length L1mm	8.0	8.0	7.5	8.0
L2: OAL mm	20.0	19.5	19.5	19.5
ISO	order #	short	short	short
806 314 249 494...	249-...SUF	<input type="checkbox"/>	<input type="checkbox"/> 012	<input type="checkbox"/>
806 314 249 504...	249-...SXF	<input type="checkbox"/>	<input type="checkbox"/> 012	<input type="checkbox"/> 014
806 314 249 514...	249-...SF	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014
806 314 249 524...	249-...SM	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014
806 314 249 534...	249-...SC	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014
806 314 249 544...	249-...SXC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 016

### 250 | 863

FLAME



Head Diameter 1/10mm	010	012	014	016	018
L1: Head Length L1mm	10.0	10.0	10.0	10.0	10.0
L2: OAL mm	24.0	24.0	24.0	24.0	24.0
ISO	order #				
806 315 250 494...	250-...UF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 014	<input type="checkbox"/>
806 315 250 504...	250-...XF	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016
806 315 250 514...	250-...F	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016
806 315 250 524...	250-...M	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016
806 315 250 534...	250-...C	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016
806 315 250 544...	250-...XC	<input type="checkbox"/> 010	<input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016

### 250 | 863 short

FLAME



Head Diameter 1/10mm	012
L1: Head Length L1mm	10.0
L2: OAL mm	21.5
ISO	order #
806 314 250 494...	250-...SUF <input type="checkbox"/> 012
806 314 250 504...	250-...SXF <input type="checkbox"/> 012
806 314 250 514...	250-...SF <input type="checkbox"/> 012
806 314 250 524...	250-...SM <input type="checkbox"/> 012
806 314 250 534...	250-...SC <input type="checkbox"/> 012
806 314 250 544...	250-...SXC <input type="checkbox"/> 012

### 254 | 831 Xshort

BUD



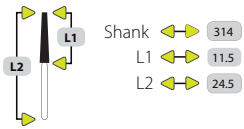
Head Diameter 1/10mm	009
L1: Head Length L1mm	1.2
L2: OAL mm	16.5
ISO	order #
806 313 254 514...	254-...SF <input type="checkbox"/> 009

### 257 | 368

BUD



Head Diameter 1/10mm	016	018	020	023	025	028	032
L1: Head Length L1mm	3.2	4.6	4.6	5.0	5.0	4.8	4.8
L2: OAL mm	19.0	20.0	20.0	20.0	20.0	19.0	19.0
ISO	order #						
806 314 257 494...	257-...UF	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 020	<input type="checkbox"/> 023	<input type="checkbox"/> 025	<input type="checkbox"/>
806 314 257 504...	257-...XF	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 020	<input type="checkbox"/> 023	<input type="checkbox"/> 025	<input type="checkbox"/>
806 314 257 514...	257-...F	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 020	<input type="checkbox"/> 023	<input type="checkbox"/> 025	<input type="checkbox"/>
806 314 257 524...	257-...M	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 020	<input type="checkbox"/> 023	<input type="checkbox"/> 025	<input type="checkbox"/> 028
806 314 257 534...	257-...C	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 020	<input type="checkbox"/> 023	<input type="checkbox"/> 025	<input type="checkbox"/> 028
806 314 257 544...	257-...XC	<input type="checkbox"/> 016	<input type="checkbox"/> 018	<input type="checkbox"/> 020	<input type="checkbox"/> 023	<input type="checkbox"/> 025	<input type="checkbox"/>



**257 | 368 short**

BUD



Head Diameter 1/10mm	020	
L1: Head Length L1mm	4.7	
L2: OAL mm	17.0	
ISO	order #	short
806 313 257 514...	257-...SF	I020
806 313 257 524...	257-...SM	I020
806 313 257 534...	257-...SC	I020
806 313 257 544...	257-...SXC	I020

**257LP | 368**

BUD LONG PERIO



Head Diameter 1/10mm	023	
L1: Head Length L1mm	5.0	
L2: OAL mm	28.0	
ISO	order #	LP
806 316 257 514...	257-...LPF	I023
806 316 257 524...	257-...LPM	I023

**263 | 369**

BUD SLENDER



Head Diameter 1/10mm	025	
L1: Head Length L1mm	5.5	
L2: OAL mm	20.0	
ISO	order #	
806 314 257 514...	257-...F	I025
806 314 257 524...	257-...M	I025
806 314 257 534...	257-...C	I025

**277 | 379**

EGG



Head Diameter 1/10mm	012	014	016	018	021	023	025	
L1: Head Length L1mm	2.8	2.8	3.4	3.4	4.1	4.5	4.6	
L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0	
ISO	order #							
806 314 277 504...	277-...XF	I012	I014	I016	I018	I021	I023	I025
806 314 277 514...	277-...F	I012	I014	I016	I018	I021	I023	I025
806 314 277 524...	277-...M		I014	I016	I018	I021	I023	I025
806 314 277 534...	277-...C		I014	I016	I018	I021	I023	I025
806 314 277 544...	277-...XC			I016	I018		I023	I025

**277L | 379L**

EGG LONG HEAD



Head Diameter 1/10mm	023	
L1: Head Length L1mm	5.2	
L2: OAL mm	19.0	
ISO	order #	long
806 315 277L 524...	277L-...M	I023

**288 | 877**

TORPEDO



Head Diameter 1/10mm	010	012	
L1: Head Length L1mm	6.0	6.0	
L2: OAL mm	21.0	21.0	
ISO	order #		
806 314 288 514...	288-...F	I010	I012
806 314 288 524...	288-...M	I010	I012
806 314 288 534...	288-...C	I010	I012
806 314 288 544...	288-...XC		I012

**288 | 877 short**

TORPEDO



Head Diameter 1/10mm	012	
L1: Head Length L1mm	6.0	
L2: OAL mm	18.5	
ISO	order #	short
806 313 288 514...	288-...SF	I012



30 FG Diamonds

**289 | 878**

TORPEDO



Head Diameter 1/10mm	010	012	014	016
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L1: Head Length L1mm	8.0	8.0	8.0	8.0
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L2: OAL mm	22.0	22.0	22.5	22.0
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ISO	order #				
-----	---------	--	--	--	--

806 315 289 514...	289-...F		I012	I014	
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806 315 289 524...	289-...M	I010	I012	I014	I016
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806 315 289 534...	289-...C		I012	I014	I016
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806 315 289 544...	289-...XC		I012	I014	I016
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**289 | 878 Xshort**

TORPEDO



Head Diameter 1/10mm	014
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L1: Head Length L1mm	8.0
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L2: OAL mm	16.0
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ISO	order #	Xshort
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806 313 289 514...	289-...SHM	I014
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806 313 289 514...	289-...SHC	I014
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**289 | 878 short**

TORPEDO



Head Diameter 1/10mm	012	014
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L1: Head Length L1mm	8.0	8.0
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L2: OAL mm	19.5	20.0
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ISO	order #	short	short
-----	---------	-------	-------

806 314 289 514...	289-...SF	I012	I014
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806 314 289 524...	289-...SM	I012	I014
--------------------	-----------	------	------

806 314 289 534...	289-...SC	I012	I014
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**290 | 879**

TORPEDO



Head Diameter 1/10mm	010	012	014	016
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L1: Head Length L1mm	9.5	9.5	10.0	10.0
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L2: OAL mm	24.0	24.0	24.0	24.0
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ISO	order #				
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806 315 290 504...	290-...XF	I010	I012		
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806 315 290 514...	290-...F	I010	I012	I014	
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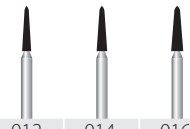
806 315 290 524...	290-...M	I010	I012	I014	I016
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806 315 290 534...	290-...C	I010	I012	I014	I016
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806 315 290 544...	290-...XC			I014	
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**297 | 877K**

GINGIVAL CURETTAGE



Head Diameter 1/10mm	012	014	016
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L1: Head Length L1mm	6.0	6.0	6.0
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L2: OAL mm	20.0	20.0	20.0
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ISO	order #			
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806 314 297 524...	297-...M	I012	I014	I016
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806 314 297 534...	297-...C	I012	I014	I016
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806 314 297 544...	297-...XC		I014	I016
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**297 | 877K Xshort**

GINGIVAL CURETTAGE



Head Diameter 1/10mm	017
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L1: Head Length L1mm	6.5
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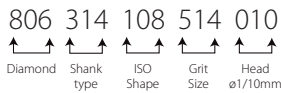
L2: OAL mm	17.0
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ISO	order #	Xshort
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806 313 297 524...	297-...SHM	I017
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806 313 297 534...	297-...SHC	I017
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ISO



**298 | 878K**

GINGIVAL CURETTAGE



Head Diameter 1/10mm	012	014	016	018	021
L1: Head Length L1mm	8.0	8.0	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0	22.0	22.0

ISO	order #					
806 315 298 514...	298-...F			016		
806 315 298 524...	298-...M	012	014	016	018	021
806 315 298 534...	298-...C	012	014	016	018	021
806 315 298 544...	298-...XC		014	016	018	

**298 | 878K short**

GINGIVAL CURETTAGE



Head Diameter 1/10mm	012	014	016	018	019	023
L1: Head Length L1mm	8.0	8.0	8.0	8.0	9.0	8.0
L2: OAL mm	20.0	20.0	20.0	20.0	20.0	20.0

ISO	order #	short	short	short	short	short
806 314 298 514...	298-...SF	012	014	016	018	019
806 314 298 524...	298-...SM	012	014	016	018	019
806 314 298 534...	298-...SC	012	014	016	018	019
806 314 298 544...	298-...SXC		014	016	018	

**299 | 879K**

GINGIVAL CURETTAGE



Head Diameter 1/10mm	012	014	016	018
L1: Head Length L1mm	9.5	9.5	9.5	10.0
L2: OAL mm	24.0	24.0	24.0	24.0

ISO	order #				
806 315 299 514...	299-...F	012	014	016	
806 315 299 524...	299-...M	012	014	016	018
806 315 299 534...	299-...C	012	014	016	018
806 315 299 544...	299-...XC	012	014	016	018

**299 | 879K short**

GINGIVAL CURETTAGE



Head Diameter 1/10mm	012	016	019	020
L1: Head Length L1mm	10.0	10.0	10.0	10.0
L2: OAL mm	22.0	22.0	22.0	22.0

ISO	order #	short	short	short	short
806 314 299 504...	299-...SXF	012		019	
806 314 299 514...	299-...SF	012		019	
806 314 299 524...	299-...SM	012	016	019	020
806 314 299 534...	299-...SC	012	016	019	020
806 314 299 544...	299-...SXC	012	016	019	020





**304 | 825**

LENTICULAR



Head Diameter 1/10mm	016
L1: Head Length L1mm	0.6
L2: OAL mm	19.0
ISO	order #
806 314 304 514...	304-...F <span style="color:red">I</span> 016
806 314 304 524...	304-...M <span style="color:blue">I</span> 016

**465 | 392**

INTERDENTAL



Head Diameter 1/10mm	016	018
L1: Head Length L1mm	5.0	5.0
L2: OAL mm	19.0	19.0
ISO	order #	
806 314 465 514...	465-...F <span style="color:red">I</span> 016 <span style="color:red">I</span> 018	
806 314 465 524...	465-...M <span style="color:blue">I</span> 016 <span style="color:blue">I</span> 018	

**496 | 888**

POINTED FLAME



Head Diameter 1/10mm	012	014
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	22.0	22.0
ISO	order #	
806 315 496 504...	496-...XF <span style="color:yellow">I</span> 012 <span style="color:yellow">I</span> 014	
806 315 496 514...	496-...F <span style="color:red">I</span> 012 <span style="color:red">I</span> 014	
806 315 496 524...	496-...M <span style="color:blue">I</span> 012 <span style="color:blue">I</span> 014	
806 315 496 534...	496-...C <span style="color:green">I</span> 012 <span style="color:green">I</span> 014	

**496 | 888 short**

POINTED FLAME



Head Diameter 1/10mm	012
L1: Head Length L1mm	8.5
L2: OAL mm	19.5
ISO	order #
806 314 496 524...	496-...SM <span style="color:blue">I</span> 012
806 314 496 534...	496-...SC <span style="color:green">I</span> 012

**508C**

GUIDE PIN - CYLINDER



Head Diameter 1/10mm	018	021
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	23.0	23.0
ISO	order #	
806 315 508C 514...	508C-...F <span style="color:red">I</span> 018 <span style="color:red">I</span> 021	
806 315 508C 524...	508C-...M <span style="color:blue">I</span> 018 <span style="color:blue">I</span> 021	

**508T**

GUIDE PIN - TAPER



Head Diameter 1/10mm	021	026
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	23.0	23.0
ISO	order #	
806 315 508T 514...	508T-...F <span style="color:red">I</span> 021 <span style="color:red">I</span> 026	
806 315 508T 524...	508T-...M <span style="color:blue">I</span> 021 <span style="color:blue">I</span> 026	

**511-RC5**

GROSS REDUCTION CYLINDER



Head Diameter 1/10mm	016
L1: Head Length L1mm	5.0
L2: OAL mm	19.0
ISO	order #
806 314 511 524...	511-...M <span style="color:blue">I</span> 016
806 314 511 534...	511-...C <span style="color:green">I</span> 016
806 314 511 544...	511-...XC <span style="color:blue">I</span> 016

**512-RC7**

GROSS REDUCTION CYLINDER



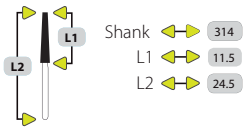
Head Diameter 1/10mm	017
L1: Head Length L1mm	7.0
L2: OAL mm	22.0
ISO	order #
806 314 512 524...	512-...M <span style="color:blue">I</span> 017
806 314 512 534...	512-...C <span style="color:green">I</span> 017
806 314 512 544...	512-...XC <span style="color:blue">I</span> 017

**513-RC8 short**

GROSS REDUCTION CYLINDER



Head Diameter 1/10mm	017
L1: Head Length L1mm	7.6
L2: OAL mm	20.0
ISO	order #
806 314 513 524...	513-...SM <span style="color:blue">I</span> 017
806 314 513 534...	513-...SC <span style="color:green">I</span> 017
806 314 513 544...	513-...SXC <span style="color:blue">I</span> 017



### 514-RC9

GROSS REDUCTION CYLINDER



Head Diameter 1/10mm	018
L1: Head Length L1mm	8.0
L2: OAL mm	22.5
ISO	order #
806 315 514 524...	514-...M <input type="checkbox"/> I018
806 315 514 534...	514-...C <input type="checkbox"/> I018
806 315 514 544...	514-...XC <input type="checkbox"/> I018

### 516-RT4

GROSS REDUCTION TAPER



Head Diameter 1/10mm	016
L1: Head Length L1mm	4.0
L2: OAL mm	19.0
ISO	order #
806 314 516 524...	516-...M <input type="checkbox"/> I016
806 314 516 534...	516-...C <input type="checkbox"/> I016
806 314 516 544...	516-...XC <input type="checkbox"/> I016

### 517-RT6 short

GROSS REDUCTION TAPER



Head Diameter 1/10mm	018	
L1: Head Length L1mm	6.5	
L2: OAL mm	19.0	
ISO	order #	short
806 314 517 524...	517-...SM <input type="checkbox"/> I018	
806 314 517 534...	517-...SC <input type="checkbox"/> I018	
806 314 517 544...	517-...SXC <input type="checkbox"/> I018	

### 519-RT8 short

GROSS REDUCTION TAPER



Head Diameter 1/10mm	018	
L1: Head Length L1mm	8.2	
L2: OAL mm	20.0	
ISO	order #	short
806 314 519 524...	519-...SM <input type="checkbox"/> I018	
806 314 519 534...	519-...SC <input type="checkbox"/> I018	
806 314 519 544...	519-...SXC <input type="checkbox"/> I018	

### 521-RT9 short

GROSS REDUCTION TAPER



Head Diameter 1/10mm	019	
L1: Head Length L1mm	10.0	
L2: OAL mm	22.0	
ISO	order #	short
806 315 521 524...	521-...SM <input type="checkbox"/> I019	
806 315 521 534...	521-...SC <input type="checkbox"/> I019	
806 315 521 544...	521-...SXC <input type="checkbox"/> I019	

### 536 | 883S short

FLAME NEEDLE Short Head



Head Diameter 1/10mm	010	
L1: Head Length L1mm	3.0	
L2: OAL mm	17.0	
ISO	order #	short
806 313 536 514...	536-...SF <input type="checkbox"/> I010	

### 539 | 883

FLAME NEEDLE Short Head



Head Diameter 1/10mm	007	009	010
L1: Head Length L1mm	3.0	3.0	3.0
L2: OAL mm	22.0	22.0	20.0
ISO	order #		
806 315 539 494...	539-...UF <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
806 315 539 504...	539-...XF <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> I010
806 315 539 514...	539-...F <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> I010
806 315 539 524...	539-...M <input type="checkbox"/>	<input type="checkbox"/> I009	<input type="checkbox"/> I010
806 315 539 534...	539-...C <input type="checkbox"/>	<input type="checkbox"/> I009	<input type="checkbox"/> I010

### 540 | 889

FLAME NEEDLE Short Head



Head Diameter 1/10mm	008	010
L1: Head Length L1mm	4.0	4.0
L2: OAL mm	23.0	23.0
ISO	order #	
806 315 540 504...	540-...XF <input type="checkbox"/>	<input type="checkbox"/> I008 <input type="checkbox"/> I010
806 315 540 514...	540-...F <input type="checkbox"/>	<input type="checkbox"/> I008 <input type="checkbox"/> I010
806 315 540 524...	540-...M <input type="checkbox"/>	<input type="checkbox"/> I008 <input type="checkbox"/> I010
806 315 540 534...	540-...C <input type="checkbox"/>	<input type="checkbox"/> I010



**544 | 845KR**

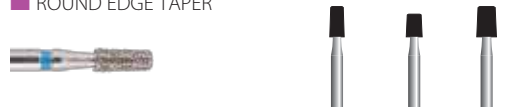
ROUND EDGE TAPER



Head Diameter 1/10mm	016
L1: Head Length L1mm	4.0
L2: OAL mm	19.0
ISO	order #
806 314 544 504...	544-...XF <span style="color: yellow;">I</span> 016
806 314 544 514...	544-...F <span style="color: red;">I</span> 016
806 314 544 524...	544-...M <span style="color: blue;">I</span> 016

**544 | 845KR short**

ROUND EDGE TAPER



Head Diameter 1/10mm	019	021	026	
L1: Head Length L1mm	4.0	3.0	4.0	
L2: OAL mm	18.0	17.0	18.0	
ISO	order #	short	short	short
806 313 544 504...	544-...SXF	<span style="color: yellow;">I</span> 021		
806 313 544 514...	544-...SF	<span style="color: red;">I</span> 019	<span style="color: red;">I</span> 021	<span style="color: red;">I</span> 026
806 313 544 524...	544-...SM	<span style="color: blue;">I</span> 019	<span style="color: blue;">I</span> 021	<span style="color: blue;">I</span> 026
806 313 544 534...	544-...SC	<span style="color: green;">I</span> 019	<span style="color: green;">I</span> 021	<span style="color: green;">I</span> 026

**545 | 846KR**

ROUND EDGE TAPER



Head Diameter 1/10mm	016
L1: Head Length L1mm	6.0
L2: OAL mm	21.0
ISO	order #
806 314 545 524...	545-...M <span style="color: blue;">I</span> 016
806 314 545 534...	545-...C <span style="color: green;">I</span> 016

**545 | 846KR Xshort**

ROUND EDGE TAPER



Head Diameter 1/10mm	017	
L1: Head Length L1mm	6.0	
L2: OAL mm	16.5	
ISO	order #	Xshort
806 313 545 524...	545-...SM	<span style="color: blue;">I</span> 017
806 313 545 534...	545-...SC	<span style="color: green;">I</span> 017
806 313 545 544...	545-...SXC	<span style="color: black;">I</span> 017

**546 | 847KR**

ROUND EDGE TAPER



Head Diameter 1/10mm	016
L1: Head Length L1mm	8.0
L2: OAL mm	22.0
ISO	order #
806 315 546 524...	546-...M <span style="color: blue;">I</span> 016
806 315 546 534...	546-...C <span style="color: green;">I</span> 016
806 315 546 544...	546-...XC <span style="color: black;">I</span> 016

**546 | 847KR short**

ROUND EDGE TAPER



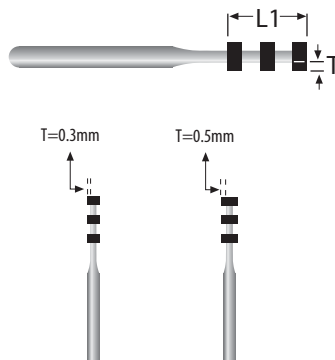
Head Diameter 1/10mm	017	020	
L1: Head Length L1mm	8.0	8.0	
L2: OAL mm	20.0	20.0	
ISO	order #	short	short
806 314 546 514...	546-...SF	<span style="color: red;">I</span> 017	<span style="color: red;">I</span> 020
806 314 546 524...	546-...SM	<span style="color: blue;">I</span> 017	<span style="color: blue;">I</span> 020
806 314 546 534...	546-...SC	<span style="color: green;">I</span> 017	<span style="color: green;">I</span> 020
806 314 546 544...	546-...SXC	<span style="color: black;">I</span> 017	<span style="color: black;">I</span> 020

**552 | 834**

DEPTH MARKER



Depth Mark (T) mm.	T=0.3	T=0.5
L1: Head Length L1mm	0.3	0.5
L2: OAL mm	20.0	20.0
ISO	order #	
806 314 552 524...	552-...M	<span style="color: blue;">I</span> 016 <span style="color: blue;">I</span> 021



**553 | 848KR**

ROUND EDGE TAPER



Head Diameter 1/10mm	019
L1: Head Length L1mm	10.0
L2: OAL mm	23.0
ISO	order #
806 315 553 524...	553-...M <span style="color: blue;">I</span> 019



# 36 RA Diamonds

Shank Diameter  $\varnothing$ 2.35mm ISO 204



## 001 | 801

RA ROUND



Head Diameter 1/10mm	009	010	012	014	016	018	023	026	029	033	047
L1: Head Length L1mm	0.9	1.0	1.2	1.4	1.6	1.8	2.3	2.6	2.9	3.3	4.7
L2: OAL mm	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0

ISO	order #											
806 204 001 514...	RA/001-...F				I014		I018	I023	I026	I029	I033	
806 204 001 524...	RA/001-...M	I009	I010	I012	I014	I016						I047
806 204 001 534...	RA/001-...C			I012	I014	I016						

## 010 | 805

RA INVERTED CONE short head



Head Diameter 1/10mm	009	010	012
L1: Head Length L1mm	1.0	1.0	1.0
L2: OAL mm	22.0	22.0	22.0

ISO	order #			
806 204 010 524...	RA/010-...M	I009	I010	I012
806 204 010 534...	RA/010-...C			I012

## 067 | 909

RA WHEEL rounded rim



Head Diameter 1/10mm	042
L1: Head Length L1mm	1.7
L2: OAL mm	22.0

ISO	order #	
806 204 067 524...	RA/067-...M	I042

## 109 | 835

RA FLAT END CYLINDER



Head Diameter 1/10mm	008	010	012
L1: Head Length L1mm	4.0	4.0	4.0
L2: OAL mm	22.0	22.0	22.0

ISO	order #			
806 204 109 524...	RA/109-...M	I008	I010	I012

## 110 | 836

RA FLAT END CYLINDER



Head Diameter 1/10mm	009	010	012	014
L1: Head Length L1mm	6.0	6.0	6.0	6.0
L2: OAL mm	22.0	22.0	22.0	22.0

ISO	order #				
806 204 110 524...	RA/110-...M	I009	I010	I012	I014
806 204 110 534...	RA/110-...C		I010	I012	

Order # sample: RA/001 <sup>-018</sup> F  
↑ Shape ↑ Head ↑ Grit

**111 | 837**

**RA FLAT END CYLINDER**



Head Diameter 1/10mm	008	010	012
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L1: Head Length L1mm	8.0	8.0	8.0
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L2: OAL mm	24.0	24.0	24.0
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ISO	order #
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806 204 111 514...	RA/111-...F	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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806 204 111 524...	RA/111-...M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 204 111 534...	RA/111-...C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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**130 | 885**

**RA BEVELED CYLINDER**



Head Diameter 1/10mm	010	012
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L1: Head Length L1mm	8.0	8.0
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L2: OAL mm	24.0	24.0
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ISO	order #
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806 204 130 524...	RA/130-...M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 204 130 534...	RA/130-...C	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**140 | 880**

**RA ROUND END CYLINDER**



Head Diameter 1/10mm	010	012
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L1: Head Length L1mm	7.0	7.0
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L2: OAL mm	23.0	23.0
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ISO	order #
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806 204 140 524...	RA/140-...M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 204 140 534...	RA/140-...C	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**141 | 881**

**RA ROUND END CYLINDER**



Head Diameter 1/10mm	010	012
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L1: Head Length L1mm	8.0	8.0
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L2: OAL mm	24.0	24.0
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ISO	order #
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806 204 141 524...	RA/141-...M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 204 141 534...	RA/141-...C	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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**166 | 859**

**RA POINTED CONE**



Head Diameter 1/10mm	014
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L1: Head Length L1mm	10.0
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L2: OAL mm	27.0
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ISO	order #
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806 205 166 514...	RA/166-...F	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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806 205 166 524...	RA/166-...M	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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806 205 166 534...	RA/166-...C	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**167 | 859L**

**RA POINTED CONE**



Head Diameter 1/10mm	010	012
----------------------	-----	-----

L1: Head Length L1mm	11.5	11.5
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L2: OAL mm	27.0	27.0
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ISO	order #
-----	---------

806 205 167 524...	RA/167-...M	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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806 205 167 534...	RA/167-...C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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**170 | 845**

**RA FLAT END TAPER**



Head Diameter 1/10mm	010
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L1: Head Length L1mm	4.5
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L2: OAL mm	22.0
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ISO	order #
-----	---------

806 204 170 524...	RA/170-...M	<input checked="" type="checkbox"/>
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**171 | 846**

**RA FLAT END TAPER**



Head Diameter 1/10mm	010	012	014
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L1: Head Length L1mm	6.0	6.0	6.0
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L2: OAL mm	22.0	22.0	22.0
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ISO	order #
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806 204 171 524...	RA/171-...M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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806 204 171 534...	RA/171-...C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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# 38 RA Diamonds

## 172 | 847

RA FLAT END TAPER



Head Diameter 1/10mm	012
L1: Head Length L1mm	9.0
L2: OAL mm	24.0
ISO	order #
806 204 172 524...	RA/172-...M <input type="checkbox"/> 012
	<input type="checkbox"/>

## 173 | 848

RA FLAT END TAPER



Head Diameter 1/10mm	014	016	018
L1: Head Length L1mm	10.0	10.0	10.0
L2: OAL mm	27.0	27.0	27.0
ISO	order #		
806 205 173 524...	RA/173-...M <input type="checkbox"/> 014	<input type="checkbox"/> 016	<input type="checkbox"/> 018
806 205 173 534...	RA/173-...C <input type="checkbox"/> 014	<input type="checkbox"/>	<input type="checkbox"/>

## 174 | 848L

RA FLAT END TAPER



Head Diameter 1/10mm	013	020
L1: Head Length L1mm	11.5	11.5
L2: OAL mm	27.0	27.0
ISO	order #	
806 205 174 524...	RA/174-...M <input type="checkbox"/> 013	<input type="checkbox"/> 020
806 205 174 534...	RA/174-...C <input type="checkbox"/>	<input type="checkbox"/> 020

## 199 | 850

RA ROUND END TAPER



Head Diameter 1/10mm	012	014	016	018
L1: Head Length L1mm	10.0	10.0	10.0	10.0
L2: OAL mm	27.0	27.0	27.0	27.0
ISO	order #			
806 205 199 514...	RA/199-...F <input type="checkbox"/>	<input type="checkbox"/> 014	<input type="checkbox"/>	<input type="checkbox"/>
806 205 199 524...	RA/199-...M <input type="checkbox"/> 012	<input type="checkbox"/> 014	<input type="checkbox"/> 016	<input type="checkbox"/> 018
806 205 199 534...	RA/199-...C <input type="checkbox"/>	<input type="checkbox"/> 014	<input type="checkbox"/> 016	<input type="checkbox"/>

## 200 | 850L

RA ROUND END TAPER



Head Diameter 1/10mm	016
L1: Head Length L1mm	11.5
L2: OAL mm	27.0
ISO	order #
806 205 200 524...	RA/200-...M <input type="checkbox"/> 016

## 234 | 830 | Rounded Edge

RA INVERTED CONE



Head Diameter 1/10mm	021
L1: Head Length L1mm	5.0
L2: OAL mm	22.0
ISO	order #
806 204 234 514...	RA/234-...F <input type="checkbox"/> 021

## 237 | 830R

RA PEAR



Head Diameter 1/10mm	021
L1: Head Length L1mm	2.7
L2: OAL mm	22.0
ISO	order #
806 204 237 514...	RA/237-...F <input type="checkbox"/> 021

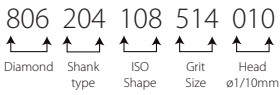
## 247 | 850

RA FLAME



Head Diameter 1/10mm	012
L1: Head Length L1mm	5.0
L2: OAL mm	22.0
ISO	order #
806 204 247 514...	RA/247-...F <input type="checkbox"/> 012

ISO



RA Diamonds | 39



**248 | 850**

**RA FLAME**



Head Diameter 1/10mm	012
L1: Head Length L1mm	6.0
L2: OAL mm	22.0
ISO	order #
806 204 248 514...	RA/248-...F <input type="checkbox"/> <input checked="" type="checkbox"/> 012

**249 | 850**

**RA FLAME**



Head Diameter 1/10mm	010	012	016
L1: Head Length L1mm	8.0	8.0	8.0
L2: OAL mm	24.0	24.0	24.0
ISO	order #		
806 204 249 514...	RA/249-...F	<input type="checkbox"/> <input checked="" type="checkbox"/> 012	<input type="checkbox"/>
806 204 249 524...	RA/249-...M	<input checked="" type="checkbox"/> 010	<input type="checkbox"/> <input checked="" type="checkbox"/> 016

**257 | 368**

**RA BUD**



Head Diameter 1/10mm	016	018	020	023
L1: Head Length L1mm	4.5	4.5	4.5	5.0
L2: OAL mm	22.0	22.0	22.0	22.0
ISO	order #			
806 204 257 514...	RA/257-...F	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 018	<input type="checkbox"/> 023
806 204 257 524...	RA/257-...M	<input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 018	<input checked="" type="checkbox"/> 020 <input checked="" type="checkbox"/> 023

**298 | 878K**

**RA GINGIVAL CURETTAGE**



Head Diameter 1/10mm	012
L1: Head Length L1mm	8.0
L2: OAL mm	24.0
ISO	order #
806 204 298 524...	RA/298-...M <input checked="" type="checkbox"/> 012



Ultra Fine  Extra Fine  Fine  Medium  Coarse  Extra Coarse

Efficiency in your hands



# RA/CA

Right Angle Diamonds







# 40 FG 24K Gold

## Gold Advantages:

- Better visibility of burs in the mouth
- 24-Karat Gold significantly reduces the number of germs
- Self-lubricating 24-Karat Gold increases stock removal rate
- No corrosion - even under extreme conditions
- Gold works cleaner and is easier to clean

### 001 | 801

ROUND



Head Diameter 1/10mm	010	012	014	016	018	021	023
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L1: Head Length L1mm	1.0	1.2	1.4	1.6	1.8	2.1	2.3
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L2: OAL mm	19.0	19.0	19.0	19.0	19.0	19.0	19.0
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ISO	order #
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G806 314 001 494...	G/001-...UF					018	
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G806 314 001 504...	G/001-...XF				016	018	023
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G806 314 001 514...	G/001-...F					018	023
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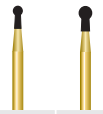
G806 314 001 524...	G/001-...M	010	012	014	016	018	021	023
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G806 314 001 534...	G/001-...C	010	012	014	016	018	021	023
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G806 314 001 544...	G/001-...XC					018	021	023
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### 002 | 802

ROUND with collar



Head Diameter 1/10mm	012	017
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L1: Head Length L1mm	2.2	2.5
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L2: OAL mm	19.0	19.0
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ISO	order #
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G806 314 002 524...	G/002-...M	012	017
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G806 314 002 534...	G/002-...C	012	017
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G806 314 002 544...	G/002-...XC		017
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### 010 | 805

INVERTED CONE short head



Head Diameter 1/10mm	012	017
----------------------	-----	-----

L1: Head Length L1mm	1.5	1.5
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L2: OAL mm	19.0	19.0
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ISO	order #
-----	---------

G806 314 010 524...	G/010-...M	012	017
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G806 314 010 534...	G/010-...C	012	017
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G806 314 010 544...	G/010-...XC		017
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### 019 | 806

INVERTED CONE with collar



Head Diameter 1/10mm	012	017
----------------------	-----	-----

L1: Head Length L1mm	2.2	3.0
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L2: OAL mm	19.0	19.0
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ISO	order #
-----	---------

G806 314 019 524...	G/019-...M	012	017
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G806 314 019 534...	G/019-...C	012	017
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G806 314 019 544...	G/019-...XC		017
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### 032L | 813

DIABLO



Head Diameter 1/10mm	012
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L1: Head Length L1mm	2.2
----------------------	-----

L2: OAL mm	19.0
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ISO	order #
-----	---------

032L 314 032L 524...	G/032L-...M	012
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032L 314 032L 534...	G/032L-...C	012
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### 038 | 811S

BARREL



Head Diameter 1/10mm	033
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L1: Head Length L1mm	4.5
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L2: OAL mm	19.5
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ISO	order #
-----	---------

G806 314 038 534...	G/038-...C	033
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G806 314 038 544...	G/038-...XC	033
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### 039 | 811

BARREL



Head Diameter 1/10mm	033	037
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L1: Head Length L1mm	5.5	7.0
----------------------	-----	-----

L2: OAL mm	21.0	21.5
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ISO	order #
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G806 314 039 524...	G/039-...M	033	
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G806 314 039 534...	G/039-...C	033	037
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G806 314 039 544...	G/039-...XC	033	037
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### 067 | 909 short

WHEEL rounded rim



Head Diameter 1/10mm	042
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L1: Head Length L1mm	1.4
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L2: OAL mm	17.5
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ISO	order #	short
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G806 313 067 524...	G/067-...SM	042
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G806 313 067 534...	G/067-...SC	042
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G806 313 067 544...	G/067-...SXC	042
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### 108 | 835

FLAT END CYLINDER



Head Diameter 1/10mm	009	011
L1: Head Length L1mm	3.0	3.0
L2: OAL mm	19.0	19.0
ISO	order #	
G806 314 108 524...	G/108-...M	<input type="checkbox"/> 009 <input type="checkbox"/> 011
G806 314 108 534...	G/108-...C	<input type="checkbox"/> 009 <input type="checkbox"/> 011

### 109 | 835

FLAT END CYLINDER



Head Diameter 1/10mm	010	012	015	018
L1: Head Length L1mm	4.0	4.0	4.0	4.0
L2: OAL mm	19.0	19.0	19.0	19.0
ISO	order #			
G806 314 109 524...	G/109-...M	<input type="checkbox"/> 010 <input type="checkbox"/> 012 <input type="checkbox"/> 015 <input type="checkbox"/> 018		
G806 314 109 534...	G/109-...C	<input type="checkbox"/> 010 <input type="checkbox"/> 012 <input type="checkbox"/> 015 <input type="checkbox"/> 018		
G806 314 109 544...	G/109-...XC	<input type="checkbox"/> 015 <input type="checkbox"/> 018		

### 109 | 835 short

FLAT END CYLINDER



Head Diameter 1/10mm	010
L1: Head Length L1mm	4.0
L2: OAL mm	16.0
ISO	order #
G806 313 109 524...	G/109-...SM <input type="checkbox"/> 010
G806 313 109 534...	G/109-...SC <input type="checkbox"/> 010

### 110 | 836

FLAT END CYLINDER



Head Diameter 1/10mm	012	014
L1: Head Length L1mm	6.0	6.0
L2: OAL mm	21.0	21.0
ISO	order #	
G806 314 110 514...	G/110-...F	<input type="checkbox"/> 014
G806 314 110 524...	G/110-...M	<input type="checkbox"/> 012 <input type="checkbox"/> 014
G806 314 110 534...	G/110-...C	<input type="checkbox"/> 012 <input type="checkbox"/> 014
G806 314 110 544...	G/110-...XC	<input type="checkbox"/> 014

### 110 | 836 short

FLAT END CYLINDER



Head Diameter 1/10mm	012	015
L1: Head Length L1mm	7.0	6.0
L2: OAL mm	19.0	19.0
ISO	order #	
G806 313 110 524...	G/110-...SM	<input type="checkbox"/> 012 <input type="checkbox"/>
G806 313 110 534...	G/110-...SC	<input type="checkbox"/> 012 <input type="checkbox"/> 015
G806 313 110 544...	G/110-...SXC	<input type="checkbox"/> 015

### 111 | 837L

FLAT END CYLINDER



Head Diameter 1/10mm	012	014	017
L1: Head Length L1mm	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0
ISO	order #		
G806 315 111 524...	G/111-...M	<input type="checkbox"/> 012 <input type="checkbox"/> 014 <input type="checkbox"/> 017	
G806 315 111 534...	G/111-...C	<input type="checkbox"/> 012 <input type="checkbox"/> 014 <input type="checkbox"/> 017	
G806 315 111 544...	G/111-...XC	<input type="checkbox"/> 014 <input type="checkbox"/> 017	

### 112 | 837L

FLAT END CYLINDER



Head Diameter 1/10mm	014
L1: Head Length L1mm	10.0
L2: OAL mm	24.0
ISO	order #
G806 315 112 524...	G/112-...M <input type="checkbox"/> 014
G806 315 112 534...	G/112-...C <input type="checkbox"/> 014



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**130 | 885**

BEVELED CYLINDER



Head Diameter 1/10mm	012	015
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	22.0	22.0
ISO	order #	
G806 315 130 504...	G/130-...XF	<input type="checkbox"/> 012 <input type="checkbox"/> 015
G806 315 130 514...	G/130-...F	<input type="checkbox"/> 012 <input type="checkbox"/> 015
G806 315 130 524...	G/130-...M	<input type="checkbox"/> 012 <input type="checkbox"/> 015
G806 315 130 534...	G/130-...C	<input type="checkbox"/> 012 <input type="checkbox"/> 015
G806 315 130 544...	G/130-...XC	<input type="checkbox"/> <input type="checkbox"/> 015

**130 | 885 short**

BEVELED CYLINDER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	
G806 314 130 514...	G/130-...SF	<input type="checkbox"/> 012
G806 314 130 524...	G/130-...SM	<input type="checkbox"/> 012
G806 314 130 534...	G/130-...SC	<input type="checkbox"/> 012

**131 | 886**

BEVELED CYLINDER



Head Diameter 1/10mm	014	
L1: Head Length L1mm	10.0	
L2: OAL mm	24.0	
ISO	order #	
G806 315 131 524...	G/131-...M	<input type="checkbox"/> 014
G806 315 131 534...	G/131-...C	<input type="checkbox"/> 014
G806 315 131 544...	G/131-...XC	<input type="checkbox"/> 014

**131 | 886 short**

BEVELED CYLINDER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	10.0	
L2: OAL mm	21.5	
ISO	order #	
G806 314 131 504...	G/131-...SXF	<input type="checkbox"/> 012
G806 314 131 524...	G/131-...SM	<input type="checkbox"/> 012
G806 314 131 534...	G/131-...SC	<input type="checkbox"/> 012

**139 | 838**

ROUND END CYLINDER



Head Diameter 1/10mm	009	012
L1: Head Length L1mm	4.0	4.0
L2: OAL mm	19.0	19.0
ISO	order #	
G806 314 139 524...	G/139-...M	<input type="checkbox"/> 009 <input type="checkbox"/> 012
G806 314 139 534...	G/139-...C	<input type="checkbox"/> <input type="checkbox"/> 012

**140 | 880**

ROUND END CYLINDER



Head Diameter 1/10mm	012	014
L1: Head Length L1mm	6.0	6.0
L2: OAL mm	21.0	21.0
ISO	order #	
G806 315 140 504...	G/140-...XF	<input type="checkbox"/> 012 <input type="checkbox"/>
G806 315 140 524...	G/140-...M	<input type="checkbox"/> 012 <input type="checkbox"/> 014
G806 315 140 534...	G/140-...C	<input type="checkbox"/> 012 <input type="checkbox"/> 014
G806 315 140 544...	G/140-...XC	<input type="checkbox"/> 012 <input type="checkbox"/> 014

**140 | 880 short**

ROUND END CYLINDER



Head Diameter 1/10mm	010	012
L1: Head Length L1mm	7.0	7.0
L2: OAL mm	19.0	18.5
ISO	order #	short
806 314 G140 524...	G/140-...SM	<input type="checkbox"/> <input type="checkbox"/> 012
806 314 G140 534...	G/140-...SC	<input type="checkbox"/> 010 <input type="checkbox"/> 012
806 314 G140 544...	G/140-...SXC	<input type="checkbox"/> <input type="checkbox"/> 012

**141 | 881**

ROUND END CYLINDER



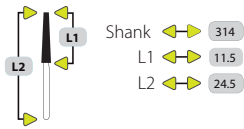
Head Diameter 1/10mm	014	
L1: Head Length L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	
G806 314 141 504...	G/141-...XF	<input type="checkbox"/> 014
G806 314 141 514...	G/141-...F	<input type="checkbox"/> 014
G806 314 141 524...	G/141-...M	<input type="checkbox"/> 014
G806 314 141 534...	G/141-...C	<input type="checkbox"/> 014
G806 314 141 544...	G/141-...XC	<input type="checkbox"/> 014

**165 | 858**

POINTED CONE



Head Diameter 1/10mm	014	
L1: Head Length L1mm	8.0	
L2: OAL mm	22.0	
ISO	order #	
G806 315 165 504...	G/165-...XF	<input type="checkbox"/> 014
G806 315 165 514...	G/165-...F	<input type="checkbox"/> 014
G806 315 165 524...	G/165-...M	<input type="checkbox"/> 014
G806 315 165 534...	G/165-...C	<input type="checkbox"/> 014



### 165 | 858 short

POINTED CONE



Head Diameter 1/10mm	014	
L1: Head Length L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	short
G806 314 165 504...	G/165-...SXF	
G806 314 165 514...	G/165-...SF	
G806 314 165 524...	G/165-...SM	
G806 314 165 534...	G/165-...SC	

### 166 | 859

POINTED CONE



Head Diameter 1/10mm	017	
L1: Head Length L1mm	10.0	
L2: OAL mm	24.0	
ISO	order #	
G806 315 166 504...	G/166-...XF	
G806 315 166 514...	G/166-...F	
G806 315 166 524...	G/166-...M	
G806 315 166 534...	G/166-...C	
G806 315 166 544...	G/166-...XC	

### 166 | 859 short

POINTED CONE



Head Diameter 1/10mm	014	
L1: Head Length L1mm	10.0	
L2: OAL mm	21.5	
ISO	order #	short
G806 314 166 504...	G/166-...SXF	
G806 314 166 514...	G/166-...SF	
G806 314 166 524...	G/166-...SM	
G806 314 166 534...	G/166-...SC	

### 167 | 859L

POINTED CONE



Head Diameter 1/10mm	012	
L1: Head Length L1mm	11.5	
L2: OAL mm	24.5	
ISO	order #	
G806 315 167 504...	G/167-...XF	
G806 315 167 514...	G/167-...F	
G806 315 167 524...	G/167-...M	
G806 315 167 534...	G/167-...C	

### 170 | 845

FLAT END TAPER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	4.0	
L2: OAL mm	19.0	
ISO	order #	
G806 314 170 524...	G/170-...M	

### 171 | 846

FLAT END TAPER



Head Diameter 1/10mm	012	014	015	
L1: Head Length L1mm	6.0	6.0	6.0	
L2: OAL mm	21.0	21.0	21.0	
ISO	order #			
G806 314 171 524...	G/171-...M			
G806 314 171 534...	G/171-...C			
G806 314 171 544...	G/171-...XC			

### 172 | 847

FLAT END TAPER



Head Diameter 1/10mm	014	016	
L1: Head Length L1mm	8.0	8.0	
L2: OAL mm	22.0	22.5	
ISO	order #		
G806 315 172 504...	G/172-...XF		
G806 315 172 514...	G/172-...F		
G806 315 172 524...	G/172-...M		
G806 315 172 534...	G/172-...C		
G806 315 172 544...	G/172-...XC		

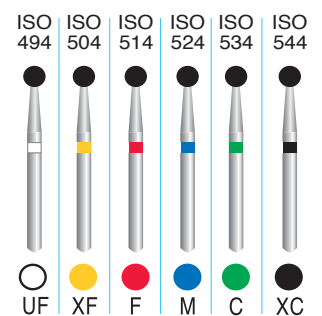
### 172 | 847 short

FLAT END TAPER



Head Diameter 1/10mm	015	017	
L1: Head Length L1mm	8.0	8.0	
L2: OAL mm	19.5	19.5	
ISO	order #	short	short
G806 314 172 504...	G/172-...SXF		
G806 314 172 524...	G/172-...SM		
G806 314 172 534...	G/172-...SC		
G806 314 172 544...	G/172-...SXC		

#### Diamond Grit

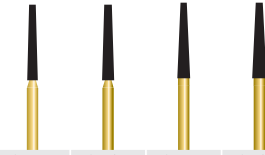




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## 173 | 848

FLAT END TAPER



Head Diameter 1/10mm	014	016	017	019
L1: Head Length L1mm	10.0	10.0	10.0	10.0
L2: OAL mm	24.0	24.0	24.0	24.0

ISO	order #				
G806 315 173 504...	G/173-...XF			017	
G806 315 173 514...	G/173-...F		016	017	
G806 315 173 524...	G/173-...M	014	016	017	019
G806 315 173 534...	G/173-...C	014	016	017	019
G806 315 173 544...	G/173-...XC		016	017	019

## 173 | 848 short

FLAT END TAPER



Head Diameter 1/10mm	018
L1: Head Length L1mm	10.0
L2: OAL mm	21.5

ISO	order #	short
G806 314 173 524...	G/173-...SM	018
G806 314 173 534...	G/173-...SC	018
G806 314 173 544...	G/173-...SXC	018

## 174 | 848L

FLAT END TAPER



Head Diameter 1/10mm	013
L1: Head Length L1mm	11.5
L2: OAL mm	24.5

ISO	order #	
G806 315 174 504...	G/174-...XF	013
G806 315 174 524...	G/174-...M	013
G806 315 174 534...	G/174-...C	013

## 197 | 855

ROUND END TAPER



Head Diameter 1/10mm	023
L1: Head Length L1mm	7.0
L2: OAL mm	21.0

ISO	order #	
G806 315 197 524...	G/197-...M	023
G806 315 197 534...	G/197-...C	023
G806 315 197 544...	G/197-...XC	023

## 197 | 855 short

ROUND END TAPER



Head Diameter 1/10mm	018
L1: Head Length L1mm	7.0
L2: OAL mm	18.5

ISO	order #	short
G806 314 197 514...	G/197-...SF	018
G806 314 197 524...	G/197-...SM	018
G806 314 197 534...	G/197-...SC	018
G806 314 197 544...	G/197-...SXC	018

## 198 | 856

ROUND END TAPER



Head Diameter 1/10mm	014	016	017
L1: Head Length L1mm	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.5

ISO	order #			
G806 315 198 504...	G/198-...XF	014		
G806 315 198 514...	G/198-...F	014		
G806 315 198 524...	G/198-...M	014	016	017
G806 315 198 534...	G/198-...C	014	016	017
G806 315 198 544...	G/198-...XC	014	016	017

## 198 | 856 short

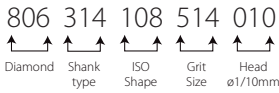
ROUND END TAPER



Head Diameter 1/10mm	014	016	019
L1: Head Length L1mm	8.0	8.0	9.0
L2: OAL mm	19.0	19.0	20.5

ISO	order #	short	short	short
G806 314 198 504...	G/198-...SXF		016	
G806 314 198 514...	G/198-...SF	014	016	019
G806 314 198 524...	G/198-...SM	014	016	019
G806 314 198 534...	G/198-...SC	014	016	019
G806 314 198 544...	G/198-...SXC	014	016	019

ISO



FG 24K Gold 45



**199 | 850**

ROUND END TAPER



Head Diameter 1/10mm	014	016	018
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L1: Head Length L1mm	10.0	10.0	10.0
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L2: OAL mm	24.0	24.0	24.0
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ISO	order #			
-----	---------	--	--	--

G806 315 199 514...	G/199-...F			018
---------------------	------------	--	--	-----

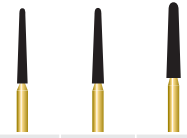
G806 315 199 524...	G/199-...M	014	016	018
---------------------	------------	-----	-----	-----

G806 315 199 534...	G/199-...C	014	016	018
---------------------	------------	-----	-----	-----

G806 315 199 544...	G/199-...XC	014	016	018
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**199 | 850 short**

ROUND END TAPER



Head Diameter 1/10mm	014	016	019
----------------------	-----	-----	-----

L1: Head Length L1mm	10.0	10.0	10.0
----------------------	------	------	------

L2: OAL mm	21.5	21.5	22.5
------------	------	------	------

ISO	order #	short	short	short
-----	---------	-------	-------	-------

G806 314 199 514...	G/199-...SF		016	019
---------------------	-------------	--	-----	-----

G806 314 199 524...	G/199-...SM	014	016	019
---------------------	-------------	-----	-----	-----

G806 314 199 534...	G/199-...SC	014	016	019
---------------------	-------------	-----	-----	-----

G806 314 199 544...	G/199-...SXC	014	016	019
---------------------	--------------	-----	-----	-----

**225 | 807**

INVERTED CONE



Head Diameter 1/10mm	013	019
----------------------	-----	-----

L1: Head Length L1mm	3.5	4.0
----------------------	-----	-----

L2: OAL mm	19.0	19.0
------------	------	------

ISO	order #		
-----	---------	--	--

G806 314 225 524...	G/225-...M	013	019
---------------------	------------	-----	-----

G806 314 225 534...	G/225-...C		019
---------------------	------------	--	-----

G806 314 225 544...	G/225-...XC		019
---------------------	-------------	--	-----

**233 | 830 | Rounded Edge**

INVERTED CONE



Head Diameter 1/10mm	016
----------------------	-----

L1: Head Length L1mm	3.0
----------------------	-----

L2: OAL mm	19.0
------------	------

ISO	order #	
-----	---------	--

G806 314 233 524...	G/233-...M	016
---------------------	------------	-----

G806 314 233 534...	G/233-...C	016
---------------------	------------	-----

G806 314 233 544...	G/233-...XC	016
---------------------	-------------	-----

**237 | 830R**

PEAR



Head Diameter 1/10mm	012
----------------------	-----

L1: Head Length L1mm	3.0
----------------------	-----

L2: OAL mm	19.0
------------	------

ISO	order #	
-----	---------	--

G806 314 237 504...	G/237-...XF	012
---------------------	-------------	-----

G806 314 237 514...	G/237-...F	012
---------------------	------------	-----

G806 314 237 524...	G/237-...M	012
---------------------	------------	-----

G806 314 237 534...	G/237-...C	012
---------------------	------------	-----

**238 | 830RL**

PEAR



Head Diameter 1/10mm	012	014
----------------------	-----	-----

L1: Head Length L1mm	5.0	5.0
----------------------	-----	-----

L2: OAL mm	19.0	019
------------	------	-----

ISO	order #		
-----	---------	--	--

G806 314 238 524...	G/238-...M	012	014
---------------------	------------	-----	-----

G806 314 238 534...	G/238-...C	012	014
---------------------	------------	-----	-----

**247 | 860**

FLAME



Head Diameter 1/10mm	013	016
----------------------	-----	-----

L1: Head Length L1mm	5.0	5.0
----------------------	-----	-----

L2: OAL mm	19.0	19.0
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ISO	order #		
-----	---------	--	--

G806 314 247 504...	G/247-...XF	013	016
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G806 314 247 514...	G/247-...F	013	016
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G806 314 247 524...	G/247-...M		016
---------------------	------------	--	-----

G806 314 247 534...	G/247-...C		016
---------------------	------------	--	-----



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**249 | 862**

FLAME



Head Diameter 1/10mm 012 014

L1: Head Length L1mm 8.0 8.0

L2: OAL mm 22.0 22.0

ISO order #

G806 315 249 504... G/249-...XF  012

G806 315 249 514... G/249-...F  012  014

G806 315 249 524... G/249-...M  012  014

G806 315 249 534... G/249-...C  012  014

**249 | 862 short**

FLAME



Head Diameter 1/10mm 012 016

L1: Head Length L1mm 8.0 8.0

L2: OAL mm 19.5 19.5

ISO order # short short

G806 314 249 504... G/249-...SXF  012  016

G806 314 249 514... G/249-...SF  012  016

G806 314 249 524... G/249-...SM  012  016

G806 314 249 534... G/249-...SC  012  016

G806 314 249 544... G/249-...SXC   016

**250 | 863**

FLAME



Head Diameter 1/10mm 012 014

L1: Head Length L1mm 10.0 10.0

L2: OAL mm 24.0 24.0

ISO order #

G806 315 250 504... G/250-...XF  012

G806 315 250 514... G/250-...F  012

G806 315 250 524... G/250-...M  012  014

G806 315 250 534... G/250-...C  012  014

G806 315 250 544... G/249-...XC   014

**250 | 863 short**

FLAME



Head Diameter 1/10mm 012

L1: Head Length L1mm 10.0

L2: OAL mm 21.5

ISO order # short

G806 314 250 504... G/250-...SXF  012

G806 314 250 514... G/250-...SF  012

G806 314 250 524... G/250-...SM  012

G806 314 250 534... G/250-...SC  012

**257 | 868**

BUD



Head Diameter 1/10mm 016 020 023

L1: Head Length L1mm 3.2 4.6 5.0

L2: OAL mm 19.0 20.0 20.0

ISO order #

G806 314 257 494... G/257-...UF   020  023

G806 314 257 504... G/257-...XF  016  020  023

G806 314 257 514... G/257-...F  016  020  023

G806 314 257 524... G/257-...M  016  020  023

G806 314 257 534... G/257-...C  016  020  023

G806 314 257 544... G/257-...XC   020  023

**277 | 379**

EGG



Head Diameter 1/10mm 023

L1: Head Length L1mm 4.5

L2: OAL mm 19.0

ISO order #

G806 314 277 504... G/277-...XF  023

G806 314 277 514... G/277-...F  023

G806 314 277 524... G/277-...M  023

G806 314 277 534... G/277-...C  023

G806 314 277 544... G/277-...XC   023

**290 | 879**

TORPEDO



Head Diameter 1/10mm 010 012

L1: Head Length L1mm 9.5 9.5

L2: OAL mm 24.0 24.0

ISO order #

G806 315 290 504... G/290-...XF  010  012

G806 315 290 524... G/290-...M  010  012

G806 315 290 534... G/290-...C   012

**298 | 878K short**

GINGIVAL CURETTAGE



Head Diameter 1/10mm 014 016

L1: Head Length L1mm 8.0 8.0

L2: OAL mm 20.0 20.0

ISO order # short short

G806 314 298 524... G/298-...SM  014  016

G806 314 298 534... G/298-...SC  014  016

G806 314 298 544... G/298-...SXC  014  016

**465 | 392**

INTERDENTAL



Head Diameter 1/10mm 016

L1: Head Length L1mm 5.0

L2: OAL mm 16.0

ISO order #

G806 313 465 504... G/465-...XF  016

G806 313 465 514... G/465-...F  016

G806 313 465 524... G/465-...M  016

## SPIRAL DIAMONDS

Clear diamond-free spiral channel for optimal debris removal.

Engineered for sharper, faster and cooler bulk removal.

Improved unobstructed water cooling.



**HEIIX**<sup>®</sup>

### Gold Advantages:

- Better visibility of burs in the mouth.
- 24-Karat Gold significantly reduces the number of germs.
- Self-lubricating 24-Karat Gold increases stock removal rate.
- No corrosion - even under extreme conditions.
- Gold works cleaner and is easier to clean.



**Twister**  
**II**



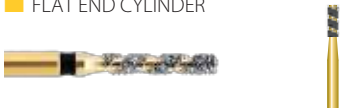




48 Helix®

### 109 | H835

FLAT END CYLINDER



Head Diameter 1/10mm	010
L1: Head Length L1mm	4.0
L2: OAL mm	19.0
ISO	order #
H806 314 109 544...	H109-...XC I010

### 110 | H836 short

FLAT END CYLINDER



Head Diameter 1/10mm	012
L1: Head Length L1mm	7.0
L2: OAL mm	19.0
ISO	order #
H806 314 110 544...	H110-...SXC I012

### 111 | H837

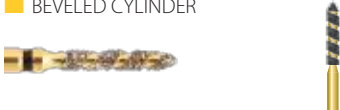
FLAT END CYLINDER



Head Diameter 1/10mm	014
L1: Head Length L1mm	8.0
L2: OAL mm	22.0
ISO	order #
H806 315 111 544...	H111-...XC I014

### 130 | H885

BEVELED CYLINDER



Head Diameter 1/10mm	012
L1: Head Length L1mm	8.0
L2: OAL mm	19.5
ISO	order #
H806 314 130 544...	H130-...SXC I012

### 131 | H886

BEVELED CYLINDER



Head Diameter 1/10mm	014
L1: Head Length L1mm	10.0
L2: OAL mm	24.0
ISO	order #
H806 315 131 534...	H131-...C I014
H806 315 131 544...	H131-...XC I014

### 140 | H880

ROUND END CYLINDER



Head Diameter 1/10mm	012
L1: Head Length L1mm	7.0
L2: OAL mm	21.0
ISO	order #
H806 315 140 544...	H140-...XC I012

### 140 | H880 short

ROUND END CYLINDER



Head Diameter 1/10mm	012
L1: Head Length L1mm	7.0
L2: OAL mm	18.5
ISO	order #
806 314 H140 544...	140-...SXC I012

### 141 | H881

ROUND END CYLINDER



Head Diameter 1/10mm	014
L1: Head Length L1mm	8.0
L2: OAL mm	22.0
ISO	order #
H806 315 141 544...	H141-...XC I014

### 141 | H881 short

ROUND END CYLINDER



Head Diameter 1/10mm	014
L1: Head Length L1mm	8.0
L2: OAL mm	19.5
ISO	order #
H806 314 141 544...	H141-...SXC I014

Order # sample: H172 <sup>-018</sup> C  
 ↑ Shape ↑ Head ↑ Grit

### 172 | H847

FLAT END TAPER



Head Diameter 1/10mm	014	016	018
L1: Head Length L1mm	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0
ISO	order #		
H806 315 172 544...	H172-...XC	I014	I016 I018

### 172 | H847 short

FLAT END TAPER



Head Diameter 1/10mm	017
L1: Head Length L1mm	8.0
L2: OAL mm	19.5
ISO	order #
H806 314 172 544...	H172-...SXC
	I017

### 173 | H848

FLAT END TAPER



Head Diameter 1/10mm	016	018
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	24.0	24.0
ISO	order #	
H806 315 173 544...	H173-...XC	I016 I018

### 197 | H855 short

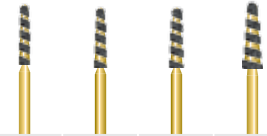
ROUND END TAPER



Head Diameter 1/10mm	020
L1: Head Length L1mm	7.0
L2: OAL mm	18.5
ISO	order #
H806 313 197 534...	H197-...SC
	I020
H806 313 197 544...	H197-...SXC
	I020

### 198 | H856

ROUND END TAPER



Head Diameter 1/10mm	014	016	019	022
L1: Head Length L1mm	8.0	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0	22.5
ISO	order #			
H806 315 198 534...	H198-...C	I014	I016	
H806 315 198 544...	H198-...XC	I014	I016	I019 I022

### 198 | H856 short

ROUND END TAPER



Head Diameter 1/10mm	014	016	019
L1: Head Length L1mm	8.0	8.0	9.0
L2: OAL mm	19.5	19.5	20.5
ISO	order #	short	short
H806 314 198 534...	H198-...SC	I014	I016
H806 314 198 544...	H198-...SXC	I014	I016 I019

### 199 | H850

ROUND END TAPER



Head Diameter 1/10mm	014	016	018
L1: Head Length L1mm	10.0	10.0	10.0
L2: OAL mm	24.0	24.0	24.0
ISO	order #		
H806 315 199 534...	H199-...C		I016 I018
H806 315 199 544...	H199-...XC	I014	I016 I018



50 Helix®

**199 | H850 short**

■ ROUND END TAPER



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	21.5	21.5
ISO	order #	short
H806 314 199 534...	H199-...SC	I016
H806 314 199 544...	H199-...SXC	I014 I016

**249 | H862**

■ FLAME



Head Diameter 1/10mm	012	
L1: Head Length L1mm	8.0	
L2: OAL mm	22.5	
ISO	order #	
H806 315 249 544...	H249-...XC	I012

**249 | H862**

■ FLAME



Head Diameter 1/10mm	012	
L1: Head Length L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	
H806 314 249 544...	H249-...SXC	I012

**250 | H863 short**

■ FLAME



Head Diameter 1/10mm	012	
L1: Head Length L1mm	10.0	
L2: OAL mm	21.5	
ISO	order #	
H806 315 250 544...	H250-...SXC	I012

**257 | H386**

■ BUD



Head Diameter 1/10mm	023	
L1: Head Length L1mm	5.0	
L2: OAL mm	20.0	
ISO	order #	
H806 314 257 534...	H257-...C	I023
H806 314 257 544...	H257-...XC	I023

**298 | H878K**

■ GINGIVAL CURETTAGE



Head Diameter 1/10mm	016	018
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	22.5	22.5
ISO	order #	
H806 315 298 544...	H298-...XC	I016 I018

**298 | H878K short**

■ GINGIVAL CURETTAGE



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	20.0	20.0
ISO	order #	short
H806 314 298 544...	H298-...SXC	I014 I016

**299 | H879K**

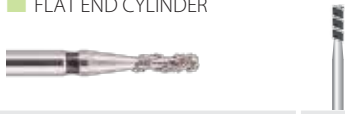
■ GINGIVAL CURETTAGE



Head Diameter 1/10mm	018	
L1: Head Length L1mm	10.0	
L2: OAL mm	24.0	
ISO	order #	
H806 315 299 524...	H299-...XC	I018

### 109 | HR835

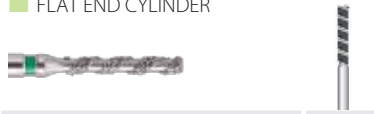
FLAT END CYLINDER



Head Diameter 1/10mm	010
L1: Head Length L1mm	4.0
L2: OAL mm	19.0
ISO	order #
HR806 314 109 534...	HR109-...C <input type="checkbox"/> I010
HR806 314 109 544...	HR109-...XC <input type="checkbox"/> I010

### 110 | HR836 short

FLAT END CYLINDER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	6.0	
L2: OAL mm	19.0	
ISO	order #	short
HR806 314 110 544...	HR110-...SXC	<input type="checkbox"/> I012

### 111 | HR837

FLAT END CYLINDER



Head Diameter 1/10mm	012	014	016
L1: Head Length L1mm	8.0	8.0	8.0
L2: OAL mm	22.0	22.0	22.0
ISO	order #		
HR806 315 111 524...	HR111-...M	<input type="checkbox"/> I012	<input type="checkbox"/> I014
HR806 315 111 534...	HR111-...C	<input type="checkbox"/> I012	<input type="checkbox"/> I014 <input type="checkbox"/> I016
HR806 315 111 544...	HR111-...XC	<input type="checkbox"/>	<input type="checkbox"/> I014

### 130 | HR885 short

BEVELED CYLINDER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	short
HR806 314 130 544...	HR130-...SXC	<input type="checkbox"/> I012

### 131 | HR886

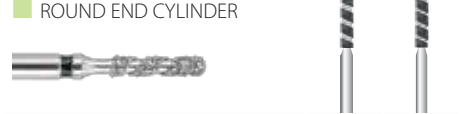
BEVELED CYLINDER



Head Diameter 1/10mm	014	
L1: Head Length L1mm	10.0	
L2: OAL mm	24.0	
ISO	order #	
HR806 315 131 544...	HR131-...XC	<input type="checkbox"/> I014

### 140 | HR880

ROUND END CYLINDER



Head Diameter 1/10mm	012	014
L1: Head Length L1mm	7.0	6.0
L2: OAL mm	21.0	21.0
ISO	order #	
HR806 315 140 544...	HR140-...XC	<input type="checkbox"/> I012 <input type="checkbox"/> I014

### 140 | HR880 short

ROUND END CYLINDER



Head Diameter 1/10mm	012	
L1: Head Length L1mm	6.0	
L2: OAL mm	18.5	
ISO	order #	short
806 314 HR140 544...	140-...SXC	<input type="checkbox"/> I012

### 141 | HR881

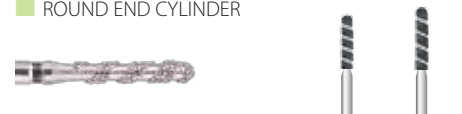
ROUND END CYLINDER



Head Diameter 1/10mm	014	
L1: Head Length L1mm	8.0	
L2: OAL mm	22.0	
ISO	order #	
HR806 315 141 544...	HR141-...XC	<input type="checkbox"/> I014

### 141 | HR881 short

ROUND END CYLINDER



Head Diameter 1/10mm	012	014
L1: Head Length L1mm	7.0	8.0
L2: OAL mm	18.5	19.5
ISO	order #	short short
HR806 314 141 544...	HR141-...SXC	<input type="checkbox"/> I012 <input type="checkbox"/> I014



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## 172 | HR847

FLAT END TAPER



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	8.0	8.5
L2: OAL mm	22.0	22.5
ISO	order #	
HR806 315 172 524...	HR/172-...M	<input type="checkbox"/> I016
HR806 315 172 534...	HR/172-...C	<input type="checkbox"/> I016
HR806 315 172 544...	HR/172-...XC	<input checked="" type="checkbox"/> I014

## 172 | HR847 short

FLAT END TAPER



Head Diameter 1/10mm	018	
L1: Head Length L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	
HR806 314 172 544...	HR/172-...SXC	<input checked="" type="checkbox"/> I018

## 173 | HR848

FLAT END TAPER



Head Diameter 1/10mm	016	018
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	24.0	24.0
ISO	order #	
HR806 315 173 524...	HR/173-...M	<input type="checkbox"/> I016 <input type="checkbox"/> I018
HR806 315 173 534...	HR/173-...C	<input type="checkbox"/> I018
HR806 315 173 544...	HR/173-...XC	<input checked="" type="checkbox"/> I016 <input checked="" type="checkbox"/> I018

## 197 | HR855 short

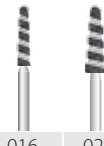
ROUND END TAPER



Head Diameter 1/10mm	020	
L1: Head Length L1mm	7.0	
L2: OAL mm	18.5	
ISO	order #	
HR806 313 197 534...	HR/197-...SC	<input checked="" type="checkbox"/> I020
HR806 313 197 544...	HR/197-...SXC	<input checked="" type="checkbox"/> I020

## 198 | HR856

ROUND END TAPER



Head Diameter 1/10mm	016	022
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	22.0	22.0
ISO	order #	
HR806 315 198 524...	HR/198-...M	<input type="checkbox"/> I016 <input type="checkbox"/>
HR806 315 198 534...	HR/198-...C	<input checked="" type="checkbox"/> I016 <input type="checkbox"/>
HR806 315 198 544...	HR/198-...XC	<input checked="" type="checkbox"/> I016 <input checked="" type="checkbox"/> I022

## 198 | HR856 short

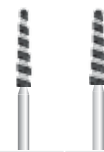
ROUND END TAPER



Head Diameter 1/10mm	015	016	019
L1: Head Length L1mm	8.0	8.0	8.5
L2: OAL mm	19.5	19.5	20.5
ISO	order #		
HR806 314 198 524...	HR/198-...SM	<input type="checkbox"/> I016	<input type="checkbox"/> I019
HR806 314 198 534...	HR/198-...SC	<input checked="" type="checkbox"/> I015	<input checked="" type="checkbox"/> I016 <input checked="" type="checkbox"/> I019
HR806 314 198 544...	HR/198-...SXC	<input checked="" type="checkbox"/> I015	<input checked="" type="checkbox"/> I016 <input checked="" type="checkbox"/> I019

## 199 | HR856

ROUND END TAPER

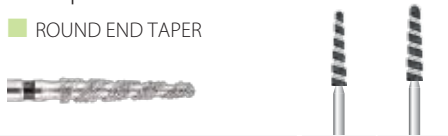


Head Diameter 1/10mm	014	018
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	24.0	24.0
ISO	order #	
HR806 315 199 524...	HR/199-...M	<input type="checkbox"/> I018
HR806 315 199 544...	HR/199-...XC	<input checked="" type="checkbox"/> I014 <input checked="" type="checkbox"/> I018

Order # sample: HR/199 <sup>-016</sup> C  
 ↑↑ Shape ↑↑ Head ↑↑ Grit

### 199 | HR856 short

ROUND END TAPER



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	21.5	21.5
ISO	order #	short
HR806 314 199 534...	HR/199-...SC	I016
HR806 314 199 544...	HR/199-...SXC	I014

### 249 | HR862

FLAME



Head Diameter 1/10mm	012	
L1: Head LenHRth L1mm	8.0	
L2: OAL mm	22.0	
ISO	order #	
HR806 315 249 534...	HR/249-...C	I012
HR806 315 249 544...	HR/249-...XC	I012

### 249 | HR862 short

FLAME



Head Diameter 1/10mm	012	
L1: Head LenHRth L1mm	8.0	
L2: OAL mm	19.5	
ISO	order #	short
HR806 314 249 544...	HR/249-...SXC	I012

### 250 | HR863

FLAME



Head Diameter 1/10mm	014	
L1: Head LenHRth L1mm	10.0	
L2: OAL mm	24.0	
ISO	order #	
HR806 315 250 524...	HR/250-...M	I014
HR806 315 250 534...	HR/250-...C	I014

### 250 | HR863 short

FLAME



Head Diameter 1/10mm	012	
L1: Head LenHRth L1mm	10.0	
L2: OAL mm	21.5	
ISO	order #	short
HR806 314 250 544...	HR/250-...SXC	I012

### 257 | HR368

BUD



Head Diameter 1/10mm	023	
L1: Head LenHRth L1mm	5.0	
L2: OAL mm	20.0	
ISO	order #	
HR806 314 257 524...	HR/257-...M	I023
HR806 314 257 534...	HR/257-...C	I023
HR806 314 257 544...	HR/257-...XC	I023



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## 290 | HR879

TORPEDO



Head Diameter 1/10mm	014
L1: Head LenHRth L1mm	10.0
L2: OAL mm	24.0
ISO	order #
HR806 315 290 534...	HR/290-...C <input type="checkbox"/> 014

## 298 | HR878K

GINGIVAL CURETTAGE



Head Diameter 1/10mm	016	018
L1: Head LenHRth L1mm	8.0	8.0
L2: OAL mm	22.0	22.0
ISO	order #	
HR806 315 298 534...	HR/298-...C <input checked="" type="checkbox"/> 016	<input type="checkbox"/>
HR806 315 298 544...	HR/298-...XC <input checked="" type="checkbox"/> 016	<input checked="" type="checkbox"/> 018

## 298 | HR878K short

GINGIVAL CURETTAGE



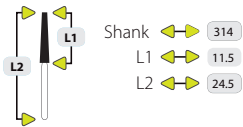
Head Diameter 1/10mm	014	016
L1: Head LenHRth L1mm	8.0	8.0
L2: OAL mm	20.0	20.0
ISO	order #	
HR806 314 298 544...	HR/298-...SXC <input checked="" type="checkbox"/> 014	<input checked="" type="checkbox"/> 016

## 299 | HR878K

GINGIVAL CURETTAGE



Head Diameter 1/10mm	018
L1: Head LenHRth L1mm	10.0
L2: OAL mm	24.0
ISO	order #
HR806 315 299 544...	HR/299-...XC <input checked="" type="checkbox"/> 018



■ ENDO ■ SAFE END ■ GUIDE PINS ■ SURGICAL

■ **E164**

Taper cone w/rounded coated tip



Head Diameter 1/10mm	011	015	018
L1: Head Length L1mm	10.0	10.0	10.0
L2: OAL mm	21.0	21.0	21.0
ISO	order #		
806 315 164 534...	E/164-...C	■ 011	■ 015
		■ 018	

■ **E165**

Taper cone uncoated tip



Head Diameter 1/10mm	014	014L
L1: Head Length L1mm	9.0	9.0
L2: OAL mm	21.0	25.0
ISO	order #	
806 315 165 534 ...	E/165-...C	■ 014
		■ 014L

■ **E213** "DA ACCESS"

SAFE END



Head Diameter 1/10mm	015
L1: Head Length L1mm	9.0
L2: OAL mm	26.5
ISO	order #
E806 316 213 524...	E/213-...M
	■ 015

■ **190** uncoated tip

FLAME OGIVAL SAFE END



Head Diameter 1/10mm	018
L1: Head Length L1mm	9.5
L2: OAL mm	21.0
ISO	order #
E806 314 190 534...	190-...C
	■ 018

■ **216**

TAPERED SAFE END



Head Diameter 1/10mm	010
L1: Head Length L1mm	3.0
L2: OAL mm	21.0
ISO	order #
806 314 216 504...	216-...XF
	■ 010
806 314 216 514...	216-...F
	■ 010

■ **218**

SAFE END



Head Diameter 1/10mm	016
L1: Head Length L1mm	6.0
L2: OAL mm	21.0
ISO	order #
806 314 218 504...	218-...XF
	■ 016
806 314 218 514...	218-...F
	■ 016

■ **219**

TAPERED SAFE END



Head Diameter 1/10mm	012	016
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	22.0	22.0
ISO	order #	
806 315 219 524...	219-...M	■ 012
		■ 016





56 Specials

■ ENDO ■ SAFE END ■ GUIDE PINS ■ SURGICAL

**220** uncoated tip

TAPERED SAFE END



Head Diameter 1/10mm	014	016
L1: Head Length L1mm	10.0	10.0
L2: OAL mm	24.0	24.0
ISO	order #	
806 315 220 524...	220-...M	014 016

**508C** Cylinder

GUIDE PIN



Head Diameter 1/10mm	018	021
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	23.0	23.0
ISO	order #	
806 315 508C 514...	508C-...F	018 021
806 315 508C 524...	508C-...M	018 021

**508T** Taper

GUIDE PIN



Head Diameter 1/10mm	021	026
L1: Head Length L1mm	8.0	8.0
L2: OAL mm	23.0	23.0
ISO	order #	
806 315 508T 514...	508T-...F	021 026
806 315 508T 524...	508T-...M	021 026

TC TUNGSTEN CARBIDE

**152**

ENDO ACCESS SAFE END



Head Diameter 1/10mm	016	
L1: Head Length L1mm	9.0	
L2: OAL mm	23.0	
ISO	order #	long
500 315 210 295016	152-016	016

SURGICAL

**151-Z**

ENDO ACCESS



Head Diameter 1/10mm	016	
L1: Head Length L1mm	11.0	
L2: OAL mm	23.0	
ISO	order #	
500 316 199 336016	151-Z	016

SURGICAL

**151L-Z**

ENDO ACCESS



Head Diameter 1/10mm	016	
L1: Head Length L1mm	11.0	
L2: OAL mm	28.0	
ISO	order #	long
500 317 199 336016	151L-Z	016

**161**

LINDEMANN Straight



Head Diameter 1/10mm	016	
L1: Head Length L1mm	10.0	
L2: OAL mm	25.0	
order #	FG.TC000161	016

**162**

LINDEMANN Cross Cut








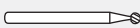




Head Diameter 1/10mm	016	
L1: Head Length L1mm	10.0	
L2: OAL mm	25.0	
order #	FG.TC000162	016



## FG OPERATIVE



### ROUND

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 1/4	500 314 001 010 005	FG.TC0001/4	005	0.1	19.0
	FG.TC 1/2	500 314 001 010 006	FG.TC0001/2	006	0.4	19.0
	FG.TC 1	500 314 001 001 008	FG.TC000001	008	0.7	19.0
	FG.TC 2	500 314 001 001 010	FG.TC000002	010	0.8	19.0
	FG.TC 3	500 314 001 010 012	FG.TC000003	012	0.9	19.0
	FG.TC 4	500 314 001 010 014	FG.TC000004	014	1.1	19.0
	FG.TC 5	500 314 001 010 016	FG.TC000005	016	1.4	19.0
	FG.TC 6	500 314 001 010 018	FG.TC000006	018	1.6	19.0
	FG.TC 7	500 314 001 010 021	FG.TC000007	021	1.7	19.0
	FG.TC 8	500 314 001 010 023	FG.TC000008	023	1.9	19.0



### INVERTED CONE

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 33 1/2	500 314 010 001 006	FG.TC0331/2	006	0.5	19.0
	FG.TC 34	500 314 010 001 008	FG.TC000034	008	0.6	19.0
	FG.TC 35	500 314 010 001 010	FG.TC000035	010	0.8	19.0
	FG.TC 35SS short	500 313 010 001 010	FG.TC0035SS	010	0.8	16.0
	FG.TC 36	500 314 010 001 012	FG.TC000036	012	1.0	19.0
	FG.TC 37	500 314 010 001 014	FG.TC000037	014	1.1	19.0



58 Carbide



FLAT FISSURE Plain Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 56	500 314 107 006 008	FG.TC000056	008	3.2	19.0
	FG.TC 57	500 314 107 006 010	FG.TC000057	010	3.8	19.0
	FG.TC 57L long head	500 314 110 006 010	FG.TC00057L	010	4.9	19.0
	FG.TC 58	500 314 107 006 012	FG.TC000058	012	3.8	19.0



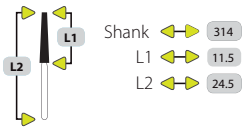
TAPERED FISSURE Plain Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 169	500 314 168 006 009	FG.TC000169	009	3.4	19.0
	FG.TC 169L long head	500 314 171 006 009	FG.TC00169L	009	4.7	19.0
	FG.TC 170	500 314 168 006 010	FG.TC000170	010	3.8	19.0
	FG.TC 170L long head	500 314 171 006 010	FG.TC00170L	010	4.9	19.0



AMALGAM PREP

FG	Item	ISO	order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 245	500 314 234 006 008	FG.TC000245	008	2.7	19.0



PEAR

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 329	500 314 237 001 006	FG.TC000329	006	0.9	19.0
	FG.TC 330	500 314 237 001 008	FG.TC000330	008	1.9	19.0
	FG.TC 330SS short	500 313 237 001 008	FG.TC0330SS	008	1.9	16.0
	FG.TC 331	500 314 237 001 010	FG.TC000331	010	1.8	19.0
	FG.TC 331SS short	500 313 237 001 010	FG.TC0331SS	010	1.8	16.0
	FG.TC 331L long head	500 314 238 006 010	FG.TC00331L	010	3.7	19.0
	FG.TC 332	500 314 237 001 012	FG.TC000332	012	2.0	19.0



STRAIGHT FLAT END FISSURE Cross Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 556	500 314 107 007 008	FG.TC000556	008	3.2	19.0
	FG.TC 557	500 314 107 007 010	FG.TC000557	010	3.8	19.0
	FG.TC 557L long head	500 314 110 007 010	FG.TC00557L	010	4.9	19.0
	FG.TC 558	500 314 107 007 012	FG.TC000558	012	3.8	19.0



TAPERED FLAT END FISSURE Cross Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 699	500 314 168 007 009	FG.TC000699	009	3.4	19.0
	FG.TC 700	500 314 168 007 010	FG.TC000700	010	3.8	19.0
	FG.TC 701	500 314 168 007 012	FG.TC000701	012	3.8	19.0
	FG.TC 701L long head	500 314 171 007 012	FG.TC00701L	012	4.9	19.0
	FG.TC 702	500 314 168 007 016	FG.TC000702	016	4.3	19.0



60 Carbide



DOMED FISSURE Plain Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 1156	500 314 137 006 008	FG.TC001156	008	3.2	19.0
	FG.TC 1157	500 314 137 006 010	FG.TC001157	010	3.8	19.0
	FG.TC 1158	500 314 137 006 012	FG.TC001158	012	3.8	19.0



TAPERED FISSURE 8 Flutes

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 1171	500 314 194 006 012	FG.TC001171	012	3.8	19.0



DOMED FISSURE Cross Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 1556	500 314 137 007 008	FG.TC001556	008	3.2	19.0
	FG.TC 1557	500 314 137 007 010	FG.TC001557	010	3.8	19.0
	FG.TC 1558	500 314 137 007 012	FG.TC001558	012	3.8	19.0



CROWN PREP

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 37923 FOOTBALL	500 314 277 007 023	FG.TC037923	023	4.3	19.0
	FG.TC 84716 FLAT END TAPER	500 314 172 007 016	FG.TC084716	016	8.0	20.0
	FG.TC 85616 ROUND END TAPER	500 314 546 007 016	FG.TC085616	016	8.0	20.0
	FG.TC 85618 ROUND END TAPER	500 314 546 007 018	FG.TC085618	018	8.0	20.0

ISO structure

500 314 168 006 010  
 ↑ ↑ ↑ ↑ ↑  
 Bur Shank ISO Grit Head  
 type Shape Size ø1/10mm

Carbide 61



METAL / CROWN CUTTERS

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	KC1 KwikCut		FG.TC000KC1	010	1.9	19.0
	KC2 KwikCut		FG.TC000KC2	012	4.0	19.0
	FG.TC.KC.330		FG.TCKC000330	008	2.0	19.0
	FG.TC.KC.557		FG.TCKC000557	010	3.7	19.0
	FG.TC.KC.1557		FG.TCKC001557	010	3.9	19.0



ESTHETIC FINISHERS 10 Straight Blades

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC.EF3	500 315 699 071 008	FG.TC000EF3	008	3.0	23.0
	FG.TC.EF4	500 314 159 071 010	FG.TC000EF4	010	4.2	20.0
	FG.TC.EF6	500 314 164 071 014	FG.TC000EF6	014	6.0	21.0
	FG.TC.EF9	500 315 166 071 014	FG.TC000EF9	014	9.0	24.0



ESTHETIC FINISHERS 12 Blades

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC.OS1.EGG	500 314 277 072 023	FG.TC000OS1	023	4.3	19.0
	FG.TC.OS2.BULLET	500 314 195 071 009	FG.TC000OS2	009	3.2	20.0
	FG.TC.OS3.BULLET	500 314 195 071 007	FG.TC000OS3	007	3.2	20.0

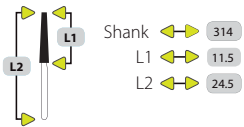


62 Carbide



TRIMMING & FINISHING 12 Blades

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 7006 ROUND	500 314 001 071 018	FG.TC007006	018	1.6	19.0
	FG.TC 7104 FLAME	500 314 254 072 014	FG.TC007104	014	3.4	19.0
	FG.TC 7106 FLAME	500 314 254 072 018	FG.TC007106	018	3.7	19.0
	FG.TC 274H SHORT FLAME	500 314 274 072 016	FG.TC00274H	016	3.5	19.0
	FG.TC 48L10H FLAME	500 315 249 072 010	FG.TC48L10H	010	8.0	22.0
	FG.TC 48L12H FLAME	500 315 249 072 012	FG.TC48L12H	012	8.0	21.5
	FG.TC 7404 EGG	500 314 499 072 014	FG.TC007404	014	3.3	19.0
	FG.TC 7406 EGG	500 314 499 072 018	FG.TC007406	018	3.4	19.0
	FG.TC 7408 EGG	500 314 499 072 032	FG.TC007408	032	3.9	19.0
	FG.TC 7642 ROUND END TAPER	500 314 198 072 010	FG.TC007642	010	7.0	21.0
	FG.TC 7664 ROUND END TAPER	500 315 198 072 015	FG.TC007664	015	8.2	22.0
	FG.TC 7675 ROUND END TAPER	500 315 198 072 016	FG.TC007675	016	8.0	22.0
	FG.TC 7714 POINTED TAPER	500 315 166 071 016	FG.TC007714	016	8.6	22.0
	FG.TC 7802 BULLET	500 314 195 071 010	FG.TC007802	010	3.4	20.5
	FG.TC 7803 BULLET	500 314 195 071 012	FG.TC007803	012	3.4	20.5
	FG.TC 7901 NEEDLE	500 314 496 071 009	FG.TC007901	009	3.8	20.5
	FG.TC 7902 NEEDLE	500 314 496 071 010	FG.TC007902	010	3.8	20.5
	FG.TC 7903 NEEDLE	500 314 496 071 012	FG.TC007903	012	3.9	20.5



Carbide 63



FINE TRIMMING & FINISHING 30 Blades

FG	Item	ISO	order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC EF9UF SAFE-END ESTHETIC FINISHER	500 314 164 031 014	FG.TC0EF9UF	014	9.0	24.0
	FG.TC 9103UF INTERPROXIMAL		FG.TC9103UF	012	3.6	19.0
	FG.TC 9214UF POINTED TAPER	500 315 164 031 010	FG.TC9214UF	010	5.6	22.0
	FG.TC 9406UF EGG		FG.TC9406UF	018	3.4	19.0
	FG.TC 9903UF NEEDLE	500 314 296 031 012	FG.TC9903UF	012	5.5	21.0

FG SURGICAL



ROUND

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 1/2SL	500 316 001 010 006	FG.TC01/2SL	006	0.6	25.0
	FG.TC 1SL	500 316 001 001 008	FG.TC0001SL	008	0.8	25.0
	FG.TC 2SL	500 316 001 001 010	FG.TC0002SL	010	1.0	25.0
	FG.TC 4SL	500 316 001 010 014	FG.TC0004SL	014	1.4	25.0
	FG.TC 6SL	500 316 001 010 018	FG.TC0006SL	018	1.8	25.0
	FG.TC 8SL	500 316 001 010 023	FG.TC0008SL	023	2.3	25.0



STRAIGHT FLAT END FISSURE Cross Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 557SL	500 316 107 007 010	FG.TC0557SL	010	3.8	25.0
	FG.TC 558SL	501 316 107 007 012	FG.TC0558SL	012	3.8	25.0





64 Carbide


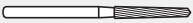


TAPERED FLAT END FISSURE Cross Cut

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 701SL	500 316 168 007 012	FG.TC0701SL	012	3.8	25.0
	FG.TC 702SL	501 316 168 007 016	FG.TC0702SL	016	4.3	25.0




LINDEMANN

FG	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	FG.TC 161		FG.TC000161	016	10.0	25.0
	FG.TC 162		FG.TC000162	016	10.0	25.0




151-Z

151-Z	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	151-Z	500 315 199 336 016	151-Z	016	11.0	23.0
	151L-Z	500 317 199 336 016	151L-Z	016	11.0	28.0

ENDO ACCESS



ENDO

ENDO	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	152-016	500 315 210 295 016	152-16	016	9.0	23.0

ISO structure



Carbide 65



## RA-TC OPERATIVE



RA-TC	Item	ISO	Order #	Head $\varnothing$ 1/10 mm	Head Length L1 mm	OAL mm
	RA.TC 1/2	500 204 001 010 006	RA.TC0001/2	006	0.5	22.0
	RA.TC 1	500 204 001 001 008	RA.TC000001	008	0.7	22.0
	RA.TC 2	500 204 001 001 010	RA.TC000002	010	0.8	22.0
	RA.TC 3	500 204 001 010 012	RA.TC000003	012	0.9	22.0
	RA.TC 4	500 204 001 010 014	RA.TC000004	014	1.1	22.0
	RA.TC 5	500 204 001 010 016	RA.TC000005	016	1.4	22.0
	RA.TC 6	500 204 001 010 018	RA.TC000006	018	1.6	22.0
	RA.TC 7	500 204 001 010 021	RA.TC000007	021	1.7	22.0
	RA.TC 8	500 204 001 010 023	RA.TC000008	023	1.9	22.0



RA-TC	Item	ISO	Order #	Head $\varnothing$ 1/10 mm	Head Length L1 mm	OAL mm
	RA.TC 34	500 204 010 001 008	RA.TC000034	008	0.6	22.0
	RA.TC 35	500 204 010 001 010	RA.TC000035	010	0.8	22.0
	RA.TC 36	500 204 010 001 012	RA.TC000036	012	1.0	22.0

## RA-TC SURGICAL



RA-TC	Item	ISO	Order #	Head $\varnothing$ 1/10 mm	Head Length L1 mm	OAL mm
	RA.TC 2SL	500 205 001 001 010	RA.TC0002SL	010	0.8	26.0
	RA.TC 4SL	500 205 001 010 014	RA.TC0004SL	014	1.1	26.0
	RA.TC 6SL	500 205 001 010 018	RA.TC0006SL	018	1.6	26.0
	RA.TC 8SL	500 205 001 010 023	RA.TC0008SL	023	1.9	26.0



66 Carbide

## HP-TC SURGICAL



ROUND

HP-TC	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	HP.TC 2	500 104 001 001 010	HP.TC000002	010	1.0	44.5
	HP.TC 4	500 104 001 010 014	HP.TC000004	014	1.1	44.5
	HP.TC 6	500 104 001 010 018	HP.TC000006	018	1.6	44.5
	HP.TC 8	500 104 001 010 023	HP.TC000008	023	1.9	44.5



STRAIGHT FLAT END FISSURE Cross Cut

HP-TC	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	HP.TC 557	500 104 107 007 010	HP.TC000557	010	3.8	44.5
	HP.TC 563	500 104 107 007 023	HP.TC00563L	023	5.9	44.5



TAPERED FISSURE Cross Cut

HP-TC	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	HP.TC 701	500 104 168 007 012	HP.TC000701	012	3.8	44.5
	HP.TC 702	500 104 168 007 016	HP.TC000702	016	4.3	44.5
	HP.TC 703	500 104 168 007 021	HP.TC000703	021	4.8	44.5



DOMED FISSURE Cross Cut

HP-TC	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	HP.TC 1557	500 104 137 007 010	HP.TC001557	010	3.8	44.5



DOMED TAPER FISSURE Cross Cut

HP-TC	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm	OAL mm
	HP.TC 1702	500 104 194 007 016	HP.TC001702	016	4.4	44.5
	HP.TC 1703		HP.TC001703	021	5.0	44.5
	HP.TC 1703L		HP.TC10703L	021	7.0	44.5

# Polishine®

## Polishing Systems

- Universal Polishing System
- Composite Polishing System
- Zirconia Polishing System
- Lithium Disilicate System









70 Polishing System

Polishine®

PLZ



**Zirconia Polishing System**

Including Autoclavable Bur Block

KIT PLZ - Zirconia Polishing System

2 steps Set

1st - Silk Finish : Dark Gray

2nd - Hi Gloss Polishing - Pink/Orange

Diamond grits combination for outstanding polishing results on Zirconia Oxide and hard Ceramics.

Pack of: 3+3

Autoclavable 135°C

RA SS shanks

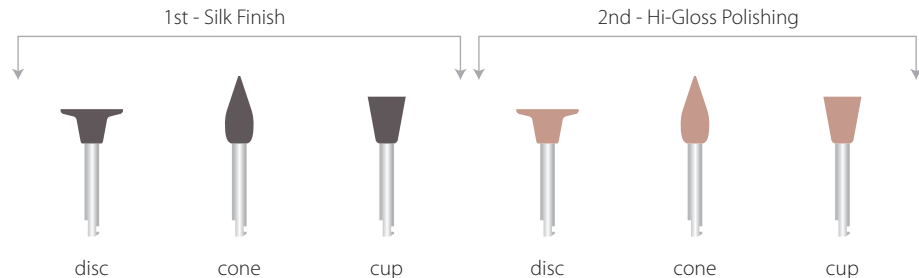
1st step rec. RPM: 7,000-12,000. Max. 20,000

2nd step rec RPM: 7,000-10,000. Max. 20,000

Order No. kit PLZ

■ +FREE BUR BLOCK

**Zirconia Polishers**



Item #	PLZ 101SF	PLZ 510SF	PLZ 675SF	PLZ 101HG	PLZ 510HG	PLZ 675HG
Dimensions Ø X L1	10 x 0.7	5 x 10	6.5 x 9.5	10 x 0.7	5 x 10	6.5 x 9.5
Color	Dark Grey	Dark Grey	Dark Grey	Pink/Orange	Pink/Orange	Pink/Orange
Grit	■ M	■ M	■ M	■ F	■ F	■ F
Recommended RPM	7,000 - 12,000	7,000 - 12,000	7,000 - 12,000	7,000-10,000	7,000-10,000	7,000-10,000

# Polishine®

## PLL

Designed for two steps polishing of Lithium Disilicate (e.g. IPS e.max®) restorations.

### ■ Lithium Disilicate System Including Autoclavable Bur Block

KIT PLL - Lithium Disilicate System

#### 2 Steps Set

1st - Silk Finish: Blue

2nd - Hi Gloss Polishing: Yellow

Zirconium Oxide (ZrO<sub>2</sub>) ceramic material for finishing and high gloss polish of Lithium Disilicate

#### Pack of: 3+3

Autoclavable 135°C

RA SS shanks

1st step rec. RPM: 7,000-12,000. Max. 20,000

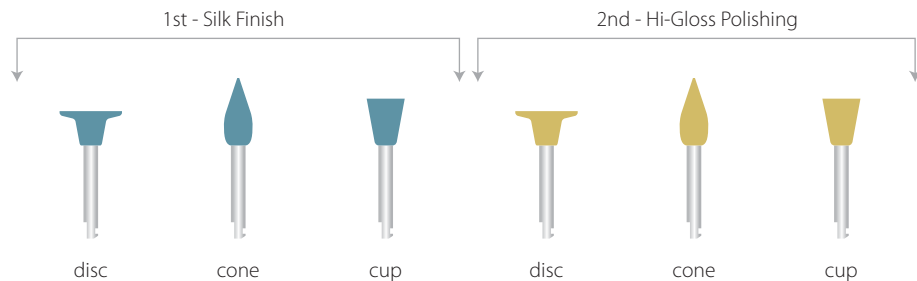
2nd step rec RPM: 7,000-10,000. Max. 20,000



Order No. kit PLL

■ +FREE BUR BLOCK

### Lithium Disilicate Polishers



Item #	PLL 101SF	PLL 510SF	PLL 675SF	PLL 101HG	PLL 510HG	PLL 675HG
Dimensions Ø X L1	10 x 0.7	5 x 10	6.5 x 9.5	10 x 0.7	5 x 10	6.5 x 9.5
Color	Turquoise	Turquoise	Turquoise	Yellow	Yellow	Yellow
Grit	■ M	■ M	■ M	■ F	■ F	■ F
Recommended RPM	7,000 - 12,000	7,000 - 12,000	7,000 - 12,000	7,000-10,000	7,000-10,000	7,000-10,000

\* IPS e.max is a registered trademark of IVOCCLAR VIVADENT, Inc.



■ **Polishers**

Including Special Resin  
Autoclavable organizer



■ **RA/CA + FG Bur Block**

Special Resin Autoclavable  
6 RA/CA + 9 FG Holes



■ **Bur Block**

Aluminum Autoclavable  
15 FG holes



■ **Dr. Friendly®**

Sterile Diamonds Individually packed  
- 25 burs per box



■ **Dr. Care®**

Multi-use Diamonds Individually packed  
- 25 burs per box



■ **Dr. Clear**

5 Multi-use FG Diamonds in color coded box with magnifying bulb

Genuine MDT logo - Proof of Original Quality



■ **Endo Access FG burs**

2-5 per box

24K Gold Multi-Use Diamonds



■ **KwikCut® Crown Cutters**

24K Gold FG

5 burs per box



■ **Helix®**

24K Gold FG

Spiral Diamonds, 5 burs per box



■ **Twister II®**

Spiral Diamonds

5 burs per box





### ■ The Gold 1

5 Premium Gold Burs  
24K Gold Multi-use Diamonds &  
bonus cleaning stone



### ■ Blister Pack

5 Multi-Use Diamonds  
5 Perforated strips  
Peel-Free



### ■ SA Blister

Single FG Diamond Bur



### ■ Polishine®

Polishers Kit Packed





### ■ Crown Preparation

Order No. **Kit/01**

110-014M	Flat End Cylinder
166-017F	Pointed Cone
171-014C	Flat End Taper
173-017M	Flat End Taper
173-017C	Flat End Taper
174-013XF	Flat End Taper
290-010M	Torpedo
290-012M	Torpedo



### ■ Cavity Preparation

Order No. **Kit/04**

238-014M	Pear
032-012M	Diablo
108-011M	Flat End Cylinder
108-011C	Flat End Cylinder
109-016M	Flat End Cylinder
001-010M	Round
002-017M	Round with Collar
010-016M	Inverted Cone



### ■ Composite & Porcelain Finishing

Order No. **Kit/06**

249-016XF	Flame
001-016XF	Round
465-016XF	Interdental
247-016XF	Flame
290-012XF	Torpedo
290-010XF	Torpedo
257-023XF	Footbal
167-012XF	Pointed Cone
173-017XF	Flat End Taper
174-013XF	Flat End Taper





**■ Laminate Veneer**

**Order No. Kit/08**

552-016M	Depth Marker
552-021M	Depth Marker
174-013XF	Flat End Taper
173-017M	Flat End Taper
247-016XF	Flame
290-010XF	Torpedo
290-010M	Torpedo
290-012M	Torpedo
290-012XF	Torpedo
112-014M	Flat End Cylinder



**■ Endo Diamonds + Carbides**

**Order No. Kit/10**

Diamonds	Tungsten Carbide
697-014M	151L-Z
697-017M	152-016
E164-011C	
E164-015C	
E164-018C	
E165-014LC	



**■ Pediatric Mini-Diamonds**

**Order No. Kit/12**

001-006SF	Round
108-008SF	Flat End Cylinder
138-007SF	Round End Cylinder
161-007SF	Pointed Cone
164-007SF	Pointed Cone
197-013SHF	Round End Taper
197-013SHM	Round End Taper
246-007SF	Flame



■ Helix

Order No. **Kit/14**

H197-020C	H197-020XC
H198-014C	H198-014XC
H198-016C	H198-016XC
H199-018C	H199-018XC
H199-016C	H199-016XC
H257-023C	H257-023XC



■ Implant Adjustment

Order No. **Kit/16**

001-021M	Round
130-012F	Beveled Cylinder
173-021SF	Flat End Taper
197-025M	Round End Taper
225-018F	Inverted Cone
249-014F	Flame
257-023M	Bud
298-021M	Gingival Curettage



■ Zirconia Finishing

Order No. **Kit/18**

001-010M	Round
001-014M	Round
001-021C	Round
130-012F	Beveled Cylinder
225-018F	Inverted Cone
250-018M	Flame
257-023F	Bud
277-014M	Egg





**KIT #01S**

**STERILE R**

**■ Crown Preparation Set**

Contains 8 Sterile FG Diamond burs for  
■ Beveling margins ■ Shoulder preparation  
■ Interproximal finishing ■ Final finishing  
■ Crown preparation

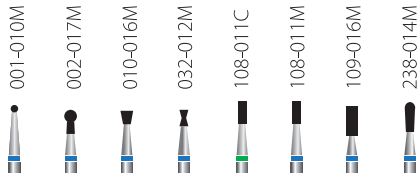


**KIT #04S**

**STERILE R**

**■ Cavity Preparation Set**

Contains 8 Sterile FG Diamond burs  
Used for small penetration, cavity preparation  
and extension of cavity



**KIT #06S**

**STERILE R**

**■ Composite & Finishing Set**

Contains 10 Sterile F & XC FG Diamond burs  
Specifically for trimming and finishing of composite  
material and extension of cavity



**■ Efficient**

Ready to use Sterile Diamonds

**■ Reliable**

Safe, Sterilized and Single Packed

**■ Convenient**

Each Procedure in One Set



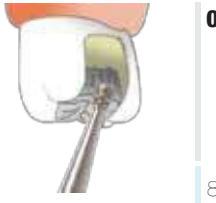

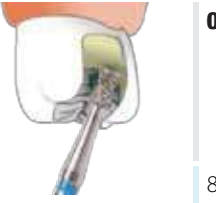
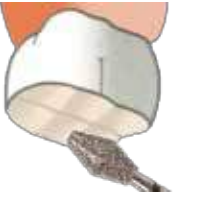







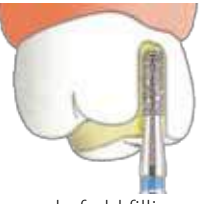











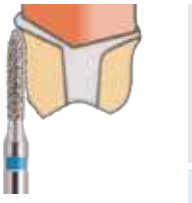










# FG Diamond Application Chart





<p><b>Round</b></p>  <p><b>001</b></p> <p>801 801L</p> <p>Crown preparation</p>	<p><b>Round with Collar</b></p>  <p><b>002</b></p> <p>802</p> <p>Crown preparation</p>	<p><b>Inverted Cone</b> short head</p>  <p><b>010</b></p> <p>805</p> <p>Removal of old fillings Cavity preparation</p>	<p><b>Inverted Cone with collar</b></p>  <p><b>019</b></p> <p>806</p> <p>Removal of old fillings Cavity preparation</p>
<p><b>Diablo</b></p>  <p><b>032</b></p> <p>813</p> <p>Removal of old fillings Cavity preparation</p>	<p><b>Barrel</b></p>  <p><b>038 039</b></p> <p>811</p> <p>Crown preparation Occlusal contouring Contouring+Finishing</p>	<p><b>Wheel</b></p>  <p><b>041 067 068</b></p> <p>815 909</p> <p>Crown preparation Occlusal contouring</p>	<p><b>Wheel with shoulder</b></p>  <p><b>055</b></p> <p>824</p> <p>Cavity preparation</p>
<p><b>Flat End Cylinder</b></p>  <p><b>108 109 110 111 112</b></p> <p>835 836 837</p> <p>Removal of old fillings Cavity preparation Crown preparation Inlay/Onlay preparation</p>	<p><b>Beveled Cylinder</b></p>  <p><b>129 130 131</b></p> <p>884 885 886</p> <p>Crown preparation Removal of old fillings</p>	<p><b>Round End Cylinder</b> short head</p>  <p><b>138 139</b></p> <p>838</p> <p>Removal of old fillings Cavity preparation Crown preparation Ceramic Restorations Inlay/Onlay preparation</p>	<p><b>Round End Cylinder</b></p>  <p><b>140 141</b></p> <p>880 881</p> <p>Removal of old fillings Cavity preparation Crown preparation Ceramic Restorations Inlay/Onlay preparation</p>
<p><b>End Cutting Cylinder</b></p>  <p><b>150</b></p> <p>839</p> <p>Cavity preparation Crown preparation</p>	<p><b>Round Edge Cylinder</b></p>  <p><b>156 158</b></p> <p>835 KR 837 KR</p> <p>Removal of old fillings Cavity preparation Crown preparation Ceramic Restorations Inlay/Onlay preparation</p>	<p><b>Pointed Cone</b></p>  <p><b>164 165 166 167</b></p> <p>852 858 859</p> <p>Crown preparation Surface Finishing</p>	<p><b>Flat End Taper</b> short head</p>  <p><b>169 170</b></p> <p>845</p> <p>Cavity preparation Inlay/Onlay preparation</p>

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\* Suggested applications based on professional input.

## IFU Instruction For Use- Diamond Dental Burs

### Description

MDT Diamond Dental Burs are manufactured from stainless steel. The burs are provided sterile and non-sterile. Burs that are labeled as 'Sterile' must be discarded after a single use. The Non-sterile burs can be reused following cleaning and sterilization instructions carefully.

### Safety in Use –Read precautions carefully:

- The dental rotary instrument is intended for laboratory and dental applications in dental clinics and hospitals by licensed dentist (except for laboratory applications, where the instrument is used by licensed technician). Rx only
- Clean and sterilize the burs supplied in a non-sterile condition are in accordance with the directions below before first use and before each reuse.
- Always wear gloves when handling contaminated instruments.
- Eye protection must be worn to protect against ejected particles.
- Surgical masks must be worn to avoid inhalation of aerosol or dust generated.
- Ensure that the bur is fully seated and gripped in the hand piece collet.
- Before each use, inspect the burs for excessive wear. Discard worn burs.
- Maintain hand piece in good working order and correctly lubricated.
- Do not exceed the recommended maximum operative speeds.
- Do not apply excessive pressure on the bur.
- Avoid using the bur at too high an angle in order to avoid leverage and breakage.
- Move the bur continuously when in use to avoid localized heating and/or damage to the bur.
- Do not use rusted burs.
- Read carefully the labels on the bur package.

### Applications

MDT Diamond burs can be used for a wide variety of restorative procedures including but not limited to: removal of caries or old

restorations, preparation of cavities for restoration, finishing of restorations, preparation of crowns, orthodontic device procedure and any other dental operation.

The bur pattern to be selected for specific application. For best product performance, always match the bur to the task to be performed.

The following table provides recommended RPM

Instrument head diameter 01/10 mm	Maximum permissible speeds (RPM)	Recommended operational speed (RPM)
007 – 010	450,000	100,000 - 220,000
011 – 014	450,000	70,000 - 220,000
015 – 018	450,000	55,000 - 160,000
019 – 023	300,000	40,000 - 120,000
024 – 027	160,000	35,000 - 110,000
028 – 031	140,000	30,000 - 95,000
032 – 040	120,000	25,000 - 75,000
041 – 054	95,000	15,000 - 60,000
055 – 070	60,000	12,000 - 40,000
071 – 100	45,000	10,000 - 20,000

### Reprocessing Instructions for Dental Rotary Instruments

#### Scope

The reprocessing instructions detailed below apply only to reusable burs.  
Burs shall be reprocessed prior to being reused.

#### Limitations of re-use

Reprocessing will have little effect on MDT's dental burs. The end of bur's life is determined by wear and damage in use and the burs should be inspected for defects during the preliminary cleaning process.

Delay between use and reprocessing must be kept to a minimum to avoid contaminants drying, thereby making cleaning more difficult. Therefore, keep the unclean burs immersed in the cleaning/disinfecting agent in accordance with manufacturer instructions, but in any event do not exceed 12 hours.

#### Caution:

Do not leave burs immersed in disinfectants that have a fixative action (such as aldehyde-based products) unless the burs have been thoroughly cleaned first.

## Warnings

Used burs should be considered as being contaminated and appropriate handling precautions should be taken during reprocessing. Gloves, eye protection and a mask should be worn. Other measures may be required if there are specific infection or cross-contamination risks from the patient.

Used burs are also considered as bio-hazard and need to be discarded as bio-hazard waste unless reprocessing procedures has been done according the above instructions.

## Preparation for Cleaning

There are no special requirements unless local infection controls require the use of a disinfectant immediately after use, in which case the selected disinfectant must be validated by the user organization for reprocessing dental burs, and the disinfectant manufacturer's instructions must be followed.

### Cleaning, Drying and Inspection Procedure

If manual cleaning is implemented, the burs should be cleaned in a sink reserved for the purpose.

1. Rinse the burs under running cold water and, keeping them immersed, brush thoroughly away from the body using a neutral cleaning or cleaning/disinfecting agent labeled for use on dental burs or other similar types of reusable medical instruments, following the agent manufacturer's instructions.
2. Care should be taken to avoid spreading contaminants by spraying or splashing during the brushing process.
3. Wire brushes must be used with caution, as brass particles may result in galvanic corrosion and steel particles may cause discoloration of stainless steel.
4. After cleaning, inspect the burs, with the aid of magnification if necessary, to ensure that all contamination has been removed. Repeat the cleaning process if necessary.
5. Dry the burs using paper toweling or dry heat not exceeding 140°C.
6. Inspect the burs, with the aid of magnification if necessary and discard any damaged or corroded instruments.

Ultrasonic cleaning may also be used prior to sterilization, but only cleansing agents recommended for ultrasonic cleaning should be used and the user must validate the process.

Cleaning by means of an automated washer disinfectant is also possible, but the user should validate the process with the selected cleansing and disinfection agents.

Any cleansing and disinfecting agents used must be compatible with the materials used in the dental burs; otherwise accelerated corrosion or other damage may occur. The washer disinfectant and the cleaning agent manufacturers' instructions must be followed.

## Sterilization - Using STEAM

### Scope

These sterilization instructions applicable to burs initially provided non-sterile and to non-sterile burs that are being reused. No sterilization before first use is required for burs labeled 'Sterile'.

### Packaging for Sterilization

If using an autoclave with a pre-vacuum cycle, pack the burs in appropriate instrument trays or pouches validated for steam sterilization.

If using an autoclave without a pre-vacuum cycle, the burs should not be packed or wrapped but should be contained in appropriate bur stands with perforated lids.

### Note:

*Local legislation for sterilization may require that burs are wrapped in pouches for processing in either type of autoclave.*

### Sterilization

Follow the autoclave manufacturer's instructions to sterilize the burs. In particular, care must be taken not to exceed the maximum recommended load for the autoclave.

MDT has validated steam sterilization in an autoclave without a pre-vacuum cycle (gravity displacement type) for a holding time of six minutes at a temperature of 134 °C. The holding time is the minimum time for which the minimum temperature is sustained.

### Note:

*Local infection control practice may recommend a different combination of holding time and temperature.*

### Storage

The burs should be stored in the sterilization container (bur stand or pouch) until required. Containers or pouches must be dried before opening to avoid recontamination of the contents with water. Storage should be in dry, clean conditions and at ambient temperature.

### Validation of Cleaning and Steam Sterilization

The above detailed processes have been validated to prepare MDT dental burs for reuse. It remains the responsibility of the user to ensure that the reprocessing as actually performed, using the equipment, materials and personnel in the reprocessing facility achieve the required results.

Any deviation from these instructions should be properly evaluated for effectiveness and potential adverse results.

MDT's long-term awareness to the challenges in the regulatory field helps the company achieve these certifications.

The certifications are a result of the daily efforts of our well trained team of professional Quality Assurance and Regulation Experts.

All members of the QA/RA team are MDT employees who assure the consistent high quality of all MDT products as well as the appropriate markings, packing materials and processes validations



THE STANDARDS INSTITUTION OF ISRAEL






# CERTIFICATE

This is to certify that the Quality Management System of  
**M.D.T. MICRO DIAMOND TECHNOLOGIES LTD.**  
2, Ha'Amal Str. , Afula , Israel

Has been audited and registered by SII-QCD as conforming to the requirements of  
**ISO 9001:2008**

This Certificate is Applicable to  
**Production of diamond dental rotary instruments - sterile and non sterile. Tungsten carbide dental burs.**

Certificate No.: 61565	Certificate Issue Date: 20/08/2016	
Initial Certification Date: 08/07/1998	Certification Expiry Date: 15/09/2018	

SII-QCD assumes no liability to any party other than the client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with SII-QCD requirements for system certification. The continued validity may be verified via scanning the code with a smartphone, or via website [www.sii.org.il](http://www.sii.org.il). This certificate remains the property of SII-QCD.

  
 Pinhas Shahar  
 Director General



  
 Eli Cohen-Kagan  
 Director, Quality & Certification Division

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Our Vision: To Enhance Both Global Competitiveness of our Services, with our Uncompromised Quality and Integrity





**CERTIFICATE**

This is to certify that the company

**M.D.T. Micro Diamond Technologies Ltd.**  
 2 Hamal Street  
 Industrial Park North  
 Afula 1811001  
 Israel

has implemented and maintains a **Quality Management System**

Scope:  
 Production of diamond dental rotary instruments—sterile and non-sterile, tungsten carbide dental burs and dental polishers.

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of the following standard:

**ISO 13485 : 2003**

Certificate registration no.	500323 MP23CMDR
Certificate unique ID	170623711
Effective date	2015-10-26
Expiry date	2018-10-25
Frankfurt am Main	2015-10-02

DQS Medizinprodukte GmbH  
 Frank Director  
 Managing Director

M.D.T. Micro Diamond Technologies Ltd.  
 2 Hamal Street, Industrial Park North, Afula, 1811001, Israel  
 Tel: +972 (0) 99 93427-500, medical.devices@mdt-mtd.co.il  
 DQS Medizinprodukte GmbH is a DMSGAS-recognized register  
 (Canadian Medical Devices Conformity Assessment System).

- ISO 9001:2008
- EN ISO 13485
- ISO 13485:2003
- EC Council Directive 93/42/EEC



**EC Certificate**

mdc medical device certification GmbH  
 Notified Body 0483  
 hereafter certifies that

**MDT**

**M.D.T. Micro Diamond Technologies Ltd.**  
 2 Hamal Street, Industrial Park North  
 Afula, 1811001  
 Israel

for the scope  
 diamond dental rotary instruments - sterile and non-sterile,  
 tungsten carbide dental burs, dental polishers

has introduced and applies a  
**Quality System**

for the manufacture of the products concerned and carries out a  
 final inspection as specified in Annex V, Section 3.

The mdc audit has proven that this quality system  
 meets all requirements according to

**Annex V – Section 3  
 of the Council Directive 93/42/EEC**  
 of 14 June 1993 concerning medical devices.

The surveillance will be held as specified in Annex V, Section 4.

Valid from	2015-08-28
Valid until	2020-08-28
Registration no.	D1009900013
Report no.	P15-01110-01041
Stuttgart	2015-08-28

Head of Certification Body

mdc medical device certification GmbH  
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 Phone: +49 (0) 711 253057-0  
 Fax: +49 (0) 711 253057-10  
 Internet: <http://www.mdc-cd.de>



**Certificate**

mdc medical device certification GmbH  
 certifies that

**MDT**

**M.D.T. Micro Diamond Technologies Ltd.**  
 2 Hamal Street, Industrial Park North  
 Afula, 1811001  
 Israel

for the scope  
 production of diamond dental rotary instruments - sterile and non-sterile,  
 tungsten carbide dental burs and dental polishers

has introduced and applies a  
**Quality Management System**

The mdc audit has proven that this quality management system  
 meets all requirements of the following standard

**EN ISO 13485**

Medical devices – Quality management systems –  
 Requirements for regulatory purposes

EN ISO 13485:2012 + AC:2012 – ISO 13485:2002 + Cor. 1:2009

Valid from	2015-08-28
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Registration no.	D1009900012
Report no.	P15-01110-01041
Stuttgart	2015-08-28

Head of Certification Body

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