



Clinical & Lab
Dental Rotary Instruments



Micro Diamond Technologies Ltd.



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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 m² (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 m² 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 M² 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

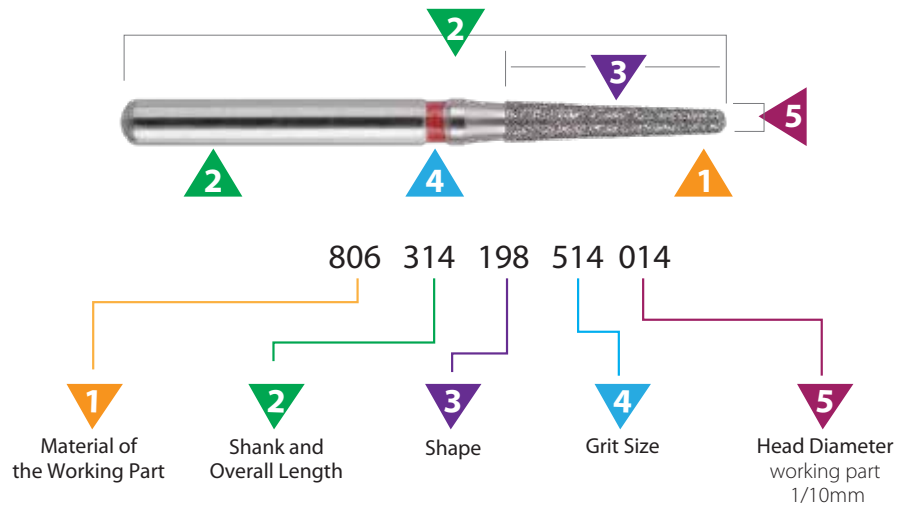
ISO Diamond Grits

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

312	FG Friction Grip Extra Short	Ø 1.60mm	14.5 mm
313	FG Friction Grip-Short	Ø 1.60mm	- 16 mm -
314	FG Friction Grip-Standard	Ø 1.60mm	- 19 mm -
315	FG Friction Grip-Long	Ø 1.60mm	- 21 mm -
316	FG Friction Grip Extra Long	Ø 1.60mm	- 25 mm -
204	RA Right Angle	Ø 2.35mm	- 22 mm -
205	RA Right Angle-Long	Ø 2.35mm	- 27 mm -
104	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

↑ ↑ ↑ ↑ ↑

Carbide 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



Requires prescription
in the United States



Authorized Representative
in the European Community



Use-by date



Compliance to European
Directive 93/42/EEC



Sterilized by irradiation



Do not use if
package damaged



Non sterile device



Catalogue Number

**MDT - FG Diamonds Burs
Are manufactured with**



Hardened Stainless Steel Shanks
Ø1.597mm diameter with
Strict Tolerance of
+0.001/- 0.005 mm
For Secure Fit



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The lack of any IP mark, trade mark, copyright mark, logo or
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The specifications contained herein are
subject to alteration.

Printing errors exempted.

Subject to MDT's Standard Conditions of Sale.

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60% Diamond Exposure

More Diamond per Diamond®



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



FG Diamonds



001 | 801

ROUND



Head Diameter 1/10mm	009	010	012	014	016	017	018	020	021	023	025	029	033	042	
Head Length mm	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	
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

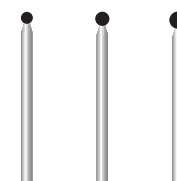
ROUND



Head Diameter 1/10mm		006	010	012	014	018	024
Head Length mm		0.6	1.0	1.2	1.4	1.8	2.4
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 periodont



Head Diameter 1/10mm	014	017	021	
Head Length mm	1.4	1.7	2.1	
ISO	order #			
806 316 001 514...	001-...LPF			
806 316 001 524...	001-...LPM			

697 | 801 L

ROUND long



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



Crown preparation

002 | 802

■ ROUND with collar



Head Diameter 1/10mm		010	012	014	017	018	021	033
Head Length mm		2.2	2.2	2.2	2.5	2.7	2.7	4.5
ISO	order #							
806 314 002 514...	002-...F		012		017		021	033
806 314 002 524...	002-...M	010	012	014	017	018	021	033
806 314 002 534...	002-...C	010	012	014	017	018	021	033
806 314 002 544...	002-...XC				017		021	

002 | 802 short

■ ROUND with collar



Head Diameter 1/10mm	014
Head Length mm	2.2
ISO	order #
806 313 002 524...	002-...SM ■ 014
806 313 002 534...	002-...SC ■ 014



Crown preparation

010 | 805

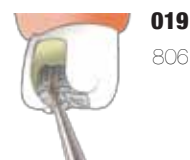
■ INVERTED CONE short head



Head Diameter 1/10mm		009	010	012	014	016	017	019	021
Head Length mm		0.9	1.0	1.5	1.5	1.5	1.5	1.7	1.9
ISO	order #								
806 314 010 514...	010-...F			012	014	016	017	019	021
806 314 010 524...	010-...M	009	010	012	014	016	017	019	021
806 314 010 534...	010-...C			012	014	016	017	019	021
806 314 010 544...	010-...XC				014	016	017	019	021



Removal of old fillings
Cavity preparation



Removal of old fillings
Cavity preparation

010 | 805 short

■ INVERTED CONE



Head Diameter 1/10mm	012	017
Head Length mm	1.5	1.5
ISO	order #	
806 313 010 524...	010-...SM	■ 012 ■ 017
806 313 010 534...	010-...SC	■ 012 ■ 017

019 | 806

■ INVERTED CONE with collar



Head Diameter 1/10mm		009	010	012	014	017	019	021
Head Length mm		2.2	2.2	2.2	2.2	3.0	3.0	3.5
ISO	order #							
806 314 019 514...	019-...F			 012		 017		
806 314 019 524...	019-...M	 009	 010	 012	 014	 017	 019	 021
806 314 019 534...	019-...C			 012	 014	 017	 019	 021
806 314 019 544...	019-...XC			 012	 014	 017	 019	 021

019 | 806 short

INVERTED CONE with collar



Head Diameter 1/10mm	012	017
Head Length mm	2.2	3.0
ISO	order #	
806 313 019 524...	019-...SM	012 017
806 313 019 534...	019-...SC	012 017

019 | 806 Xshort

INVERTED CONE with collar



Head Diameter 1/10mm	010
Head Length mm	2.2
ISO	order #
806 312 019 524...	019-...SHM 010

031 (163) | 905

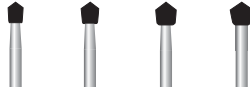
ACORN



Head Diameter 1/10mm	030
Head Length mm	3.8
ISO	order #
806 315 163 504...	163-...XF 030
806 315 163 514...	163-...F 030

031 | 905

ACORN



Head Diameter 1/10mm	018	023	027	031
Head Length mm	2.3	2.6	2.8	3.0
ISO	order #			
806 314 031 514...	031-...F	018 023 027 031		
806 314 031 524...	031-...M	018 023 027 031		

032 | 813

DIABLO



Head Diameter 1/10mm	012	014	016
Head Length mm	1.5	1.5	1.5
ISO	order #		
806 314 032 514...	032-...F	012 014 016	
806 314 032 524...	032-...M	012 014 016	
806 314 032 534...	032-...C	012 014 016	

032 | 813 short

DIABLO



Head Diameter 1/10mm	014
Head Length mm	1.5
ISO	order #
806 313 032 524...	032-...SM 014
806 313 032 534...	032-...SC 014

032L | 813L

DIABLO



Head Diameter 1/10mm	010	012	014	016	018
Head Length mm	2.2	2.2	2.3	2.3	2.3
ISO	order #				
806 314 032L 514...	032L-...F	012	016		
806 314 032L 524...	032L-...M	010 012 014 016 018			
806 314 032L 534...	032L-...C	012 014 016 018			



032
813

Removal of old fillings
Cavity preparation

033 | 899

POINTED BUD



Head Diameter 1/10mm	027
Head Length mm	7.0
ISO	order #
806 315 033 514...	033-...F ■027
806 315 033 524...	033-...M ■027

038 | 811S

BARREL



Head Diameter 1/10mm	033
Head Length mm	4.5
ISO	order #
806 314 038 524...	038-...M ■033
806 314 038 534...	038-...C ■033
806 314 038 544...	038-...XC ■033



038
039

811

Crown preparation
Occlusal Contouring
Contouring & finishing

039 | 811

BARREL



Head Diameter 1/10mm	033	037	048
Head Length mm	5.5	7.0	7.0
ISO	order #		
806 315 039 514...	039-...F ■033		
806 315 039 524...	039-...M ■033 ■037 ■048		
806 315 039 534...	039-...C ■033 ■037		
806 315 039 544...	039-...XC ■033 ■037		

041 | 815

WHEEL



Head Diameter 1/10mm	017	027	035	038	042	050
Head Length mm	1.0	1.0	0.7	1.8	2.0	2.0
ISO	order #					
806 314 041 524...	041-...M ■017 ■027 ■035 ■038 ■042 ■050					
806 314 041 534...	041-...C ■017 ■038 ■042					
806 314 041 544...	041-...XC ■038					

055 | 824

WHEEL with shoulder



Head Diameter 1/10mm	042
Head Length mm	0.5
ISO	order #
806 314 055 524...	055-...M ■042
806 314 055 534...	055-...C ■042

067 | 909

WHEEL rounded rim



Head Diameter 1/10mm	036
Head Length mm	1.2
ISO	order #
806 314 067 514...	067-...F ■036
806 314 067 524...	067-...M ■036
806 314 067 534...	067-...C ■036



041
067
068

815
909

Crown preparation
Occlusal Contouring



055
824

Cavity preparation



18 FG Diamonds

Order # sample: 001 ⁻⁰¹⁸ F
Shape Head Grit



067 | 909 short

WHEEL rounded rim



Head Diameter 1/10mm	035	040	042
Head Length mm	1.2	1.3	1.4
ISO	order #		
806 313 067 514...	067-...SF	☐	☒ 040 ☒ 042
806 313 067 524...	067-...SM	☒ 035 ☒ 040 ☒ 042	
806 313 067 534...	067-...SC	☒ 035 ☒ 040 ☒ 042	
806 313 067 544...	067-...XC	☐	☒ 040 ☒ 042

068 | 909

WHEEL rounded rim



Head Diameter 1/10mm	031	042	055
Head Length mm	1.7	1.9	1.9
ISO	order #		
806 314 068 524...	068-...M	☒ 031 ☒ 042 ☒ 055	
806 314 068 534...	068-...C	☒ 031 ☒ 042 ☒ 055	
806 314 068 544...	068-...XC	☐	☒ 042 ☐

108 | 835

FLAT END CYLINDER



Head Diameter 1/10mm	009	010	011
Head Length mm	3.0	3.0	3.0
ISO	order #		
806 314 108 514...	108-...F	☒ 009 ☒ 010 ☐	
806 314 108 524...	108-...M	☒ 009 ☒ 010 ☒ 011	
806 314 108 534...	108-...C	☒ 009 ☒ 010 ☒ 011	

108 | 835 short

FLAT END CYLINDER



Head Diameter 1/10mm	008	009
Head Length mm	3.0	3.0
ISO	order #	
806 313 108 514...	108-...SF	☒ 008 ☐
806 313 108 524...	108-...SM	☒ 008 ☒ 009
806 313 108 534...	108-...SC	☒ 008 ☒ 009

109 | 835

FLAT END CYLINDER



Head Diameter 1/10mm	008	010	011	012	014	016	018
Head Length mm	4.0	4.0	4.0	4.0	4.0	4.0	4.0
ISO	order #						
806 314 109 514...	109-...F	☐	☒ 010 ☐	☒ 012 ☒ 014 ☒ 016 ☐			
806 314 109 524...	109-...M	☒ 008 ☒ 010 ☒ 011 ☒ 012 ☒ 014 ☒ 016 ☒ 018					
806 314 109 534...	109-...C	☒ 008 ☒ 010 ☒ 011 ☒ 012 ☒ 014 ☒ 016 ☒ 018					
806 314 109 544...	109-...XC	☐	☒ 010 ☒ 011 ☒ 012 ☒ 014 ☒ 016 ☒ 018				



108
109
110
111
112

835
836
837

Removal of old fillings
Cavity preparation
Crown preparation
Inlay/Onlay preparation

109 | 835 short

FLAT END CYLINDER



Head Diameter 1/10mm	010	011	012
Head Length mm	4.0	4.0	4.0
ISO	order #		
806 313 109 514...	109-...SF	 010	
806 313 109 524...	109-...SM	 010	 011  012
806 313 109 534...	109-...SC	 010	 011  012

110 | 836

FLAT END CYLINDER



Head Diameter 1/10mm	010	012	014	016
Head Length mm	6.0	6.0	6.0	6.0
ISO	order #			
806 315 110 504...	110-...XF	 010	 014	
806 315 110 514...	110-...F	 010	 012	 014
806 315 110 524...	110-...M	 010	 012	 014  016
806 315 110 534...	110-...C	 010	 012	 014  016
806 315 110 544...	110-...XC		 012	 014  016

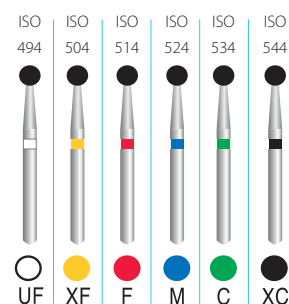
110 | 836 short

FLAT END CYLINDER



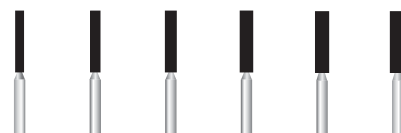
Head Diameter 1/10mm	012	015	017
Head Length mm	6.0	6.0	6.0
ISO	order #		
806 314 110 504...	110-...SXF	 012	
806 314 110 514...	110-...SF	 012	 015
806 314 110 524...	110-...SM	 012	 015  017
806 314 110 534...	110-...SC	 012	 015  017
806 314 110 544...	110-...SXC		 015  017

Diamond Grit



111 | 837

FLAT END CYLINDER



Head Diameter 1/10mm	010	012	014	016	018	019
Head Length mm	8.0	8.0	8.0	8.0	8.0	8.0
ISO	order #					
806 315 111 504...	111-...XF		 012	 014		
806 315 111 514...	111-...F		 012	 014	 016	 018
806 315 111 524...	111-...M	 010	 012	 014	 016	 018  019
806 315 111 534...	111-...C	 010	 012	 014	 016	 018  019
806 315 111 544...	111-...XC	 010	 012	 014	 016	 018  019



108
109
110
111
112

835
836
837

Removal of old fillings
Cavity preparation
Crown preparation
Inlay/Onlay preparation

111 | 837 short

FLAT END CYLINDER



Head Diameter 1/10mm	016
Head Length mm	8.0
ISO	order #
806 314 111 524...	111-...SM 016
806 314 111 534...	111-...SC 016
806 314 111 544...	111-...SXC 016

112 | 837L

FLAT END CYLINDER



Head Diameter 1/10mm	014
Head Length mm	10.0
ISO	order #
806 315 112 524...	112-...M 014
806 315 112 534...	112-...C 014

129 | 884

BEVELED CYLINDER



Head Diameter 1/10mm	012
Head Length mm	6.0
ISO	order #
806 315 129 524...	129-...M 012
806 315 129 534...	129-...C 012

130 | 885

BEVELED CYLINDER



Head Diameter 1/10mm	010	012	014	016
Head Length mm	8.0	8.0	8.0	8.0
ISO	order #			
806 315 130 504...	130-...XF	012	014	
806 315 130 514...	130-...F	012	014	
806 315 130 524...	130-...M	010	012	014
806 315 130 534...	130-...C	010	012	014
806 315 130 544...	130-...XC	010	012	014

130 | 885 short

BEVELED CYLINDER



Head Diameter 1/10mm	012
Head Length mm	8.0
ISO	order #
806 314 130 504...	130-...SXF 012
806 314 130 514...	130-...SF 012
806 314 130 524...	130-...SM 012
806 314 130 534...	130-...SC 012
806 314 130 544...	130-...SXC 012

131 | 886

BEVELED CYLINDER



Head Diameter 1/10mm	010	012	014	016
Head Length mm	10.0	10.0	10.0	10.0
ISO	order #			
806 315 131 504...	131-...XF	012	014	
806 315 131 514...	131-...F	012	014	016
806 315 131 524...	131-...M	010	012	014
806 315 131 534...	131-...C	010	012	014
806 315 131 544...	131-...XC	012	014	

131 | 886 short

BEVELED CYLINDER



Head Diameter 1/10mm	012
Head Length mm	10.0
ISO	order #
806 314 131 504...	131-...SXF 012
806 314 131 514...	131-...SF 012
806 314 131 524...	131-...SM 012
806 314 131 534...	131-...SC 012



129
130
131
884
885
886

Crown preparation
Removal of old fillings

138 | 838

 ROUND END CYLINDER

	
Head Diameter 1/10mm	010
Head Length mm	4.0
ISO	order #
806 314 138 524...	138-...M  010

138 | 838 short

 ROUND END CYLINDER

	
Head Diameter 1/10mm	007
Head Length mm	2.0
ISO	order #
806 313 138 514...	138-...SF  007

138L | 838L short

 ROUND END CYLINDER

	
Head Diameter 1/10mm	007
Head Length mm	3.8
ISO	order #
806 313 138L 514...	138L-...SF  007

139 | 838

 ROUND END CYLINDER

				
Head Diameter 1/10mm	009	010	012	014
Head Length mm	4.0	4.0	4.0	4.0
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
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
Head Length mm	6.0	6.0
ISO	order #	
806 315 140 504...	140-...XF	 012
806 315 140 514...	140-...F	 012
806 315 140 524...	140-...M	 012
806 315 140 534...	140-...C	 012
806 315 140 544...	140-...XC	 012

140 | 880 short

 ROUND END CYLINDER

			
Head Diameter 1/10mm	010	012	014
Head Length mm	6.0	6.0	6.0
ISO	order #		
806 314 140 504...	140-...SXF	 012	 014
806 314 140 514...	140-...SF	 010	 012
806 314 140 524...	140-...SM	 010	 012
806 314 140 534...	140-...SC	 010	 012
806 314 140 544...	140-...SXC		 012



138
139
838

Removal of old fillings
Cavity preparation
Crown preparation
Ceramic restorations
Inlay/Onlay preparation



140
141
880
881

Removal of old fillings
Cavity preparation
Crown preparation
Ceramic restorations
Inlay/Onlay preparation

141 | 881

ROUND END CYLINDER

					
Head Diameter 1/10mm	010	012	014	016	018
Head Length mm	8.0	8.0	8.0	8.0	8.0
ISO	order #				
806 315 141 504...	141-...XF	☐	☒	☒	☒
806 315 141 514...	141-...F	☐	☒	☒	☒
806 315 141 524...	141-...M	☒	☒	☒	☒
806 315 141 534...	141-...C	☒	☒	☒	☒
806 315 141 544...	141-...XC	☐	☒	☒	☒

141 | 881 short

ROUND END CYLINDER

		
Head Diameter 1/10mm	014	016
Head Length mm	8.0	8.0
ISO	order #	
806 314 141 504...	141-...SXF	☒
806 314 141 514...	141-...SF	☒
806 314 141 524...	141-...SM	☒
806 314 141 534...	141-...SC	☒
806 314 141 544...	141-...SXC	☒

142 | 882

ROUND END CYLINDER

		
Head Diameter 1/10mm	012	014
Head Length mm	10.0	10.0
ISO	order #	
806 315 142 504...	142-...XF	☒
806 315 142 514...	142-...F	☒
806 315 142 524...	142-...M	☒
806 315 142 534...	142-...C	☒
806 315 142 544...	142-...XC	☒

146 | 883

KS CYLINDER

		
Head Diameter 1/10mm	012	014
Head Length mm	7.0	8.0
ISO	order #	
806 314 146 524...	146-...SM	☒
806 314 146 534...	146-...SC	☒
806 314 146 544...	146-...SXC	☒



150 | 839

END CUTTING CYLINDER

			
Head Diameter 1/10mm	012	014	016
Head Length mm			
ISO	order #		
806 315 150 524...	150-...M	☒	☒

150 | 839 short

END CUTTING CYLINDER

			
Head Diameter 1/10mm	012	014	016
Head Length mm			
ISO	order #		
806 314 150 514...	150-...SF	☒	☒
806 314 150 524...	150-...SM	☒	☒

156 | 835KR

ROUND EDGE CYLINDER



Head Diameter 1/10mm	008	010	012
Head Length mm	3.0	4.0	4.0
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
806 314 156 534...	156-...C	 010	 012

157 | 836KR

ROUND EDGE CYLINDER



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

158 | 837KR

ROUND EDGE CYLINDER



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

158 | 837KR short

ROUND EDGE CYLINDER



Head Diameter 1/10mm	014	016
Head Length mm	8.0	8.0
ISO	order #	
806 314 158 514...	158-...SF	 014
806 314 158 524...	158-...SM	 014
806 314 158 534...	158-...SC	 014

159 | 890

POINTED CONE



Head Diameter 1/10mm		010
Head Length mm		4.0
ISO	order #	
806 314 159 494...	159-...UF	 010
806 314 159 504...	159-...XF	 010
806 314 159 514...	159-...F	 010

161 | 851

POINTED CONE



Head Diameter 1/10mm		038
Head Length mm		7.0
ISO	order #	
806 315 161 524...	161-...M	 038
806 315 161 534...	161-...C	 038



156
158

835 KR
837 KR

Removal of old fillings
Cavity preparation
Crown preparation
Ceramic restorations
Inlay/Onlay preparation

161 | 851 short

POINTED CONE



Head Diameter 1/10mm	007
Head Length mm	7.0
ISO	order #
806 313 161 514...	161-...F 007

164 | 852

POINTED CONE



Head Diameter 1/10mm	010	012	014
Head Length mm	6.0	6.0	6.0
ISO	order #		
806 314 164 494...	164-...UF	012	
806 314 164 504...	164-...XF	012	014
806 314 164 514...	164-...F	010	012 014
806 314 164 524...	164-...M	010	012 014
806 314 164 534...	164-...C	010	012 014
806 314 164 544...	164-...XC	012	014

164 | 852 short

POINTED CONE



Head Diameter 1/10mm	007	014
Head Length mm	3.6	6.0
ISO	order #	
806 313 164 494...	164-...SUF	014
806 313 164 504...	164-...SXF	014
806 313 164 514...	164-...SF	007 014
806 313 164 524...	164-...SM	014
806 313 164 534...	164-...SC	014

165 | 858

POINTED CONE



Head Diameter 1/10mm	010	012	014	016
Head Length mm	8.0	8.0	8.0	8.0
ISO	order #			
806 315 165 494...	165-...UF		014	
806 315 165 504...	165-...XF	010	012	014 016
806 315 165 514...	165-...F	010	012	014 016
806 315 165 524...	165-...M	010	012	014 016
806 315 165 534...	165-...C	010	012	014 016
806 315 165 544...	165-...XC		014	016

165 | 858 short

POINTED CONE



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
806 314 165 494...	165-...SUF 014
806 314 165 504...	165-...SXF 014
806 314 165 514...	165-...SF 014
806 314 165 524...	165-...SM 014
806 314 165 534...	165-...SC 014

165L | 858L

POINTED CONE



Head Diameter 1/10mm	014
Head Length mm	9.0
ISO	order #
806 315 165L 504...	165L-...XF 014
806 315 165L 514...	165L-...F 014



164
165
852
858

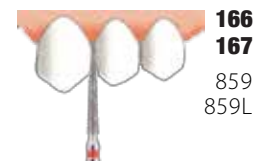
Crown preparation
Surface finishing

166 | 859

POINTED CONE



Head Diameter 1/10mm	010	012	014	016	017	018	019
Head Length mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0
ISO	order #						
806 315 166 494...	166-...UF			□014	□016		
806 315 166 504...	166-...XF	■010	■012	■014	■016	■017	■018
806 315 166 514...	166-...F	■010	■012	■014	■016	■017	■018
806 315 166 524...	166-...M	■010	■012	■014	■016	■017	■018
806 315 166 534...	166-...C	■010	■012	■014	■016	■017	■018
806 315 166 544...	166-...XC	■010		■014	■016	■017	■019


Crown preparation
Surface finishing

166 | 859 short

POINTED CONE



Head Diameter 1/10mm	014	016	024
Head Length mm	10.0	10.0	10.0
ISO	order #		
806 314 166 494...	166-...SUF	□014	
806 314 166 504...	166-...SXF	■014	■016
806 314 166 514...	166-...SF	■014	■016
806 314 166 524...	166-...SM	■014	■016
806 314 166 534...	166-...SC	■014	■016
806 314 166 544...	166-...SXC	■014	■016

167 | 859L

POINTED CONE



Head Diameter 1/10mm	010	012	018
Head Length mm	11.5	11.5	11.5
ISO	order #		
806 315 167 494...	167-...UF		□012
806 315 167 504...	167-...XF		■012
806 315 167 514...	167-...F	■010	■012
806 315 167 524...	167-...M	■010	■012
806 315 167 534...	167-...C	■010	■012
806 315 167 544...	167-...XC		■012

169 | 845

FLAT END TAPER



Head Diameter 1/10mm	010
Head Length mm	3.5
ISO	order #
806 314 169 514...	169-...F
806 314 169 524...	169-...M
806 314 169 534...	169-...C

169 | 845 short

FLAT END TAPER

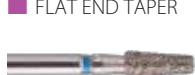


Head Diameter 1/10mm	011
Head Length mm	3.5
ISO	order #
806 313 169 514...	169-...SF
806 313 169 524...	169-...SM


Cavity preparation
Inlay/Onlay preparation

170 | 845

FLAT END TAPER



Head Diameter 1/10mm	012	014	016	021
Head Length mm	4.0	4.0	4.0	5.2
ISO	order #			
806 314 170 514...	170-...F	☐	☒	☒
806 314 170 524...	170-...M	☒	☒	☒
806 314 170 534...	170-...C	☒	☒	☒
806 314 170 544...	170-...XC	☐	☐	☒

170 | 845 short

FLAT END TAPER



Head Diameter 1/10mm	016	018	021
Head Length mm	4.0	5.0	5.2
ISO	order #		
806 313 170 514...	170-...SF	☐	☒
806 313 170 524...	170-...SM	☒	☒
806 313 170 534...	170-...SC	☐	☒
806 313 170 544...	170-...SXC	☐	☒

170 | 845 Xshort

FLAT END TAPER



Head Diameter 1/10mm	016
Head Length mm	4.0
ISO	order #
806 312 170 524...	170-...SHM ☒

171 | 846

FLAT END TAPER



Head Diameter 1/10mm	012	014	016	018
Head Length mm	6.0	6.0	6.0	6.0
ISO	order #			
806 315 171 494...	171-...UF	☐	☐	☒
806 315 171 504...	171-...XF	☐	☒	☒
806 315 171 514...	171-...F	☒	☒	☒
806 315 171 524...	171-...M	☒	☒	☒
806 315 171 534...	171-...C	☒	☒	☒
806 315 171 544...	171-...XC	☐	☒	☒

171 | 846 short

FLAT END TAPER



Head Diameter 1/10mm	014	016
Head Length mm	6.0	7.0
ISO	order #	
806 314 171 504...	171-...SXF	☒
806 314 171 514...	171-...SF	☒
806 314 171 524...	171-...SM	☒
806 314 171 534...	171-...SC	☒
806 314 171 544...	171-...SXC	☒

172 | 847

FLAT END TAPER



Head Diameter 1/10mm	010	012	014	016	018	023
Head Length mm	8.0	8.0	8.0	8.0	8.0	9.0
ISO	order #					
806 315 172 504...	172-...XF	☐	☐	☒	☐	☐
806 315 172 514...	172-...F	☐	☒	☒	☒	☐
806 315 172 524...	172-...M	☒	☒	☒	☒	☒
806 315 172 534...	172-...C	☒	☒	☒	☒	☒
806 315 172 544...	172-...XC	☐	☒	☒	☒	☐

172 | 847 short

FLAT END TAPER



Head Diameter 1/10mm	013	015	018	019
Head Length mm	8.0	8.0	8.0	8.0
ISO	order #			
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



171
172
846
847

Removal of old fillings
Cavity preparation
Crown preparation
Inlay/Onlay preparation

173 | 848

FLAT END TAPER



Head Diameter 1/10mm	010	012	014	016	017	018	019
Head Length mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0
ISO	order #						
806 315 173 504...	173-...XF			014		016	
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

Diamond Grit

ISO 494	ISO 504	ISO 514	ISO 524	ISO 534	ISO 544
					
UF	XF	F	M	C	XC

173 | 848 short

FLAT END TAPER



Head Diameter 1/10mm	016	018	021
Head Length mm	10.0	10.0	10.0
ISO	order #		
806 314 173 504...	173-...SXF		016
806 314 173 514...	173-...SF		016 018 021
806 314 173 524...	173-...SM		016 018 021
806 314 173 534...	173-...SC		016 018 021
806 314 173 544...	173-...SXC		016 018 021

173 | 848 Xshort

FLAT END TAPER



Head Diameter 1/10mm		016
Head Length mm		10.0
ISO	order #	
806 313 173 524...	173-...SHM	
806 313 173 534...	173-...SHC	



173
174
848
848L

Removal of old fillings
Cavity preparation
Crown preparation
Inlay/Onlay preparation

174 | 848L

■ FLAT END TAPER



Head Diameter 1/10mm		013	020	022
Head Length mm		11.5	11.5	11.5
ISO	order #			
806 315 174 504...	174-...XF	 013		
806 315 174 514...	174-...F	 013		
806 315 174 524...	174-...M	 013	 020	 022
806 315 174 534...	174-...C	 013	 020	

190



■ FLAME OGIVAL SAFE END



Head Diameter 1/10mm	018
Head Length mm	9.5
ISO	order #
806 314 190 524...	190-...M  018
806 314 190 534...	190-...C  018

173
174

848
848L

- Removal of old fillings
- Cavity preparation
- Crown preparation
- Inlay/Onlay preparation

195

■ ROUND END TAPER



Head Diameter 1/10mm	007	009	011
Head Length mm	2.7	2.7	2.7
ISO	order #		
806 314 195 504...	195-...XF		009
806 314 195 514...	195-...F	007	009
806 314 195 524...	195-...M		011

195S

■ ROUND END TAPER



Head Diameter 1/10mm	007
Head Length mm	1.7
ISO	order #
806 314 195 514...	195S-...F 1007



196
197
198
199
200

849
855
856
850

- Removal of old fillings
- Crown preparation
- Laminate preparation

195 short

■ ROUND END TAPER



Head Diameter 1/10mm	011
Head Length mm	2.6
ISO	order #
806 313 195 514...	195-...SF 011

196 | 849

■ ROUND END TAPER



Head Diameter 1/10mm	009	010	015	016	020	026
Head Length mm	4.0	4.0	4.0	4.0	4.0	4.0
ISO	order #					
806 314 196 504...	196-...XF			016	020	
806 314 196 514...	196-...F	009		015	016	020
806 314 196 524...	196-...M	009	010	015		026
806 314 196 534...	196-...C		010	015		026
806 314 196 544...	196-...XC			015		

197 | 855

■ ROUND END TAPER

					
Head Diameter 1/10mm	012	014	016	023	025
Head Length mm	6.0	6.0	6.0	7.0	7.0
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
806 315 197 534...	197-...C	■012	■014	■016	■023
806 315 197 544...	197-...XC	■012	■014	■016	■023

197 | 855 short

■ ROUND END TAPER

				
Head Diameter 1/10mm	012	017	018	024
Head Length mm	6.0	6.0	6.0	7.0
ISO	order #			
806 314 197 514...	197-...SF		■018	
806 314 197 524...	197-...SM	■012	■017	■018
806 314 197 534...	197-...SC	■012	■017	■018
806 314 197 544...	197-...SXC		■017	■018

197 | 855 Xshort

■ ROUND END TAPER

			
Head Diameter 1/10mm	013	016	018
Head Length mm	6.5	6.0	6.0
ISO	order #		
806 313 197 514...	197-...SHF	■013	
806 313 197 524...	197-...SHM	■013	■016
806 313 197 534...	197-...SHC		■016
806 313 197 544...	197-...SHXC		■016

197 | 855 Sshort

■ ROUND END TAPER

	
Head Diameter 1/10mm	016
Head Length mm	6.0
ISO	order #
806 313 197 524...	197-...SSM



196
197
198
199
200

849
855
856
850

Removal of old fillings
Crown preparation
Laminate preparation

198 | 856

■ ROUND END TAPER

											
Head Diameter 1/10mm	010	012	014	015	016	017	018	019	021	022	025
Head Length mm	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
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	■025



30 FG Diamonds

Order # sample: 001 -018 F
Shape Head Grit



198 | 856 short

ROUND END TAPER



Head Diameter 1/10mm	014	016	019	023
Head Length mm	8.0	8.0	9.0	8.5
ISO	order #			
806 314 198 504...	198-...SXF	014	016	
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

ROUND END TAPER



Head Diameter 1/10mm	014	016	018	020
Head Length mm	9.0	9.0	9.0	9.0
ISO	order #			
806 315 198L 504...	198L-...XF	014	016	018 020
806 315 198L 514...	198L-...F	014	016	018 020
806 315 198L 524...	198L-...M	014	016	018 020
806 315 198L 534...	198L-...C	014	016	018 020
806 315 198L 544...	198L-...XC	014	016	018 020

199 | 850

ROUND END TAPER



Head Diameter 1/10mm	010	012	014	016	018
Head Length mm	10.0	10.0	10.0	10.0	10.0
ISO	order #				
806 316 199 504...	199-...XF	010	012	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



196
197
198
199
200

849
855
856
850

Removal of old fillings
Crown preparation
Laminate preparation

199 | 850 short

ROUND END TAPER



Head Diameter 1/10mm	010	012	014	015	016	017	019
Head Length mm	10.0	10.0	10.0	10.0	10.0	10.0	10.0
ISO	order #						
806 315 199 504...	199-...SXF	010			016	017	019
806 315 199 514...	199-...SF	010	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

199 | 850 Xshort

ROUND END TAPER



Head Diameter 1/10mm	016
Head Length mm	10.0
ISO	order #
806 313 199 524...	199-...SHM 016
806 313 199 534...	199-...SHC 016
806 313 199 544...	199-...SHXC 016

200 | 850L

■ ROUND END TAPER



Head Diameter 1/10mm	016	022	024
Head Length mm	11.5	11.5	11.5
ISO	order #		
806 315 200 524...	200-...M	■016	■022
806 315 200 534...	200-...C	■016	■024

216



■ TAPERED SAFE END



Head Diameter 1/10mm	010
Head Length mm	3.0
ISO	order #
806 315 216 504...	216-...XF
806 315 216 514...	216-...F



200

850

Removal of old fillings
Crown preparation
Laminate preparation

218



■ TAPERED SAFE END



Head Diameter 1/10mm	016
Head Length mm	6.0
ISO	order #
806 315 218 504...	218-...XF
806 315 218 514...	218-...F

219



■ TAPERED SAFE END



Head Diameter 1/10mm	012	016
Head Length mm	8.0	8.0
ISO	order #	
806 315 219 524...	219-...M	■012

220



■ TAPERED SAFE END



Head Diameter 1/10mm	014	016
Head Length mm	10.0	10.0
ISO	order #	
806 315 220 524...	220-...M	■014

225 | 807

■ INVERTED CONE



Head Diameter 1/10mm	010	013	015	016	018
Head Length mm	3.5	3.5	4.0	4.0	5.0
ISO	order #				
806 314 225 514...	225-...F	■013	■015		■018
806 314 225 524...	225-...M	■010	■013	■015	■016
806 314 225 534...	225-...C	■013	■015	■016	■018
806 314 225 544...	225-...XC	■013	■015	■016	■018

Diamond Grit

ISO	ISO	ISO	ISO	ISO	ISO
494	504	514	524	534	544
○	○	○	○	○	○
UF	XF	F	M	C	XC

226 | 807L

INVERTED CONE



Head Diameter 1/10mm 018

Head Length mm 7.0

ISO order #

806 315 226 524... 226-...M 018

806 315 226 534... 226-...C 018

233 | 830 | rounded edge

INVERTED CONE



Head Diameter 1/10mm 012 014 016

Head Length mm 2.8 3.0 3.0

ISO order #

806 314 233 504... 233-...XF 014 016

806 314 233 514... 233-...F 014 016

806 314 233 524... 233-...M 012 014 016

806 314 233 534... 233-...C 012 014 016



225

226

233

234

807

830

830L

Cavity preparation
Occlusal contouring

234 | 830L | rounded edge

INVERTED CONE



Head Diameter 1/10mm 012 014 016 018

Head Length mm 4.0 5.0 5.0 5.0

ISO order #

806 314 234 514... 234-...F 012 014

806 314 234 524... 234-...M 012 014 016 018

806 314 234 534... 234-...C 012 014 016 018

806 314 234 544... 234-...XC 012

237 | 830R Xshort

PEAR



Head Diameter 1/10mm 009 012

Head Length mm 1.5 3.0

ISO order #

806 313 237 514... 237-...SHF 009

806 313 237 524... 237-...SHM 009 012

237 | 830R

PEAR



Head Diameter 1/10mm 009 010 012 016 018 021 032

Head Length mm 1.5 3.0 3.0 4.0 4.0 4.0 5.0

ISO order #

806 314 237 504... 237-...XF 012 021

806 314 237 514... 237-...F 012 021

806 314 237 524... 237-...M 009 010 012 016 018 021 032

806 314 237 534... 237-...C 010 012 016 018 021 032

806 314 237 544... 237-...XC 032



237

238

830R

830RL

Removal of old fillings
Cavity preparation
Inlay/Onlay preparation

238 | 830RL

PEAR



Head Diameter 1/10mm	012	014
Head Length mm	4.0	5.0
ISO	order #	
806 314 238 524...	238-...M	■012 ■014
806 314 238 534...	238-...C	■012 ■014
806 314 238 544...	238-...XC	■014

243

FLAME



Head Diameter 1/10mm	018	022
Head Length mm	4.9	4.9
ISO	order #	
806 314 243 504...	243-...XF	■018
806 314 243 514...	243-...F	■018 ■022
806 314 243 524...	243-...M	■018 ■022



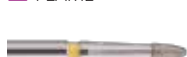
237
238

830R
830RL

Removal of old fillings
Cavity preparation
Inlay/Onlay preparation

246 | 860

FLAME



Head Diameter 1/10mm	014
Head Length mm	2.7
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
Head Length mm	2.2	2.2
ISO	order #	
806 313 246 514...	246-...SHF	■006
806 313 246 524...	246-...SHM	■006 ■007



247
248

860
861

Crown preparation
Inlay/Onlay preparation

247 | 860

FLAME



Head Diameter 1/10mm	010	012	014	016
Head Length mm	4.0	4.0	5.0	5.0
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
Head Length mm	6.0	6.0
ISO	order #	
806 315 248 504...	248-...XF	■012 ■014
806 315 248 514...	248-...F	■012 ■014
806 315 248 524...	248-...M	■012 ■014
806 315 248 534...	248-...C	■012 ■014

248 | 861 Xshort

FLAME



Head Diameter 1/10mm	014
Head Length mm	6.0
ISO	order #
806 313 248 514...	248-...SHF I 014
806 313 248 524...	248-...SHM I 014
806 313 248 534...	248-...SHC I 014

249 | 862

FLAME



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

249 | 862 Xshort

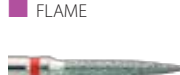
FLAME



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
806 313 249 524...	249-...SHM I 014
806 313 249 534...	249-...SHC I 014

249 | 862 short

FLAME



Head Diameter 1/10mm	010	012	014	016
Head Length mm	8.0	8.0	7.5	8.0
ISO	order #			
806 314 249 494...	249-...SUF		I 012	
806 314 249 504...	249-...SXF		I 012	I 014
806 314 249 514...	249-...SF	I 010	I 012	I 014
806 314 249 524...	249-...SM	I 010	I 012	I 014
806 314 249 534...	249-...SC	I 010	I 012	I 014
806 314 249 544...	249-...SXC			I 016

250 | 863

FLAME



Head Diameter 1/10mm	010	012	014	016	018
Head Length mm	10.0	10.0	10.0	10.0	10.0
ISO	order #				
806 315 250 494...	250-...UF			I 014	
806 315 250 504...	250-...XF	I 010	I 012	I 014	I 016
806 315 250 514...	250-...F	I 010	I 012	I 014	I 016
806 315 250 524...	250-...M	I 010	I 012	I 014	I 016
806 315 250 534...	250-...C	I 010	I 012	I 014	I 016
806 315 250 544...	250-...XC	I 010	I 012	I 014	I 016


248
249
250
861
862
863

Crown preparation
Inlay/Onlay preparation

250 | 863 short

FLAME



Head Diameter 1/10mm	012
Head Length mm	10.0
ISO	order #
806 314 250 494...	250-...SUF □012
806 314 250 504...	250-...SXF ■012
806 314 250 514...	250-...SF ■012
806 314 250 524...	250-...SM ■012
806 314 250 534...	250-...SC ■012
806 314 250 544...	250-...SXC ■012

254 | 831 Xshort

BUD



Head Diameter 1/10mm	009
Head Length mm	1.2
ISO	order #
806 313 254 514...	254-...SF ■009



250
863

Crown preparation
Inlay/Onlay preparation

257 | 368

BUD



Head Diameter 1/10mm	014	016	018	020	023	025	028	032
Head Length mm	4.8	3.2	4.6	4.6	5.0	5.0	4.8	4.8
ISO	order #							
806 314 257 494...	257-...UF	□014	□016	□018	□020	□023	□025	
806 314 257 504...	257-...XF	■014	■016	■018	■020	■023	■025	
806 314 257 514...	257-...F	■014	■016	■018	■020	■023	■025	
806 314 257 524...	257-...M	■014	■016	■018	■020	■023	■025	■028
806 314 257 534...	257-...C	■014	■016	■018	■020	■023	■025	■028
806 314 257 544...	257-...XC		■016	■018	■020	■023	■025	



257
368

Occlusal contouring
Crown preparation
Contouring & finishing

257 | 368 short

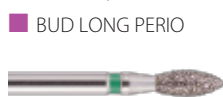
BUD



Head Diameter 1/10mm	020
Head Length mm	4.7
ISO	order #
806 313 257 514...	257-...SF ■020
806 313 257 524...	257-...SM ■020
806 313 257 534...	257-...SC ■020
806 313 257 544...	257-...SXC ■020

257LP | 368

BUD LONG PERIO



Head Diameter 1/10mm	023
Head Length mm	5.0
ISO	order #
806 316 257 514...	257-...LPF ■023
806 316 257 524...	257-...LPM ■023

263 | 369

BUD SLENDER



Head Diameter 1/10mm	025
Head Length mm	5.5
ISO	order #
806 314 263 514...	263-...F ■025
806 314 263 524...	263-...M ■025
806 314 263 534...	263-...C ■025

276 | KS5

FOOTBALL



Head Diameter 1/10mm	023	031
Head Length mm	5.5	6.2
ISO	order #	
806 314 276 544	276-...XC	I023 I031

277 | 379

EGG



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

277L | 379L

EGG



Head Diameter 1/10mm	023
Head Length mm	5.2
ISO	order #
806 314 277L 524...	277L-...M I023

288 | 877

TORPEDO



Head Diameter 1/10mm	010	012
Head Length mm	6.0	6.0
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



277
379

Crown preparation
Contouring & finishing
Occlusal contouring



288
289
290
877
878
879

Removal of old fillings
Crown preparation

288 | 877 short

TORPEDO



Head Diameter 1/10mm	012
Head Length mm	6.0
ISO	order #
806 313 288 514...	288-...SF I012

289 | 878

TORPEDO



Head Diameter 1/10mm	010	012	014	016
Head Length mm	8.0	8.0	8.0	8.0
ISO	order #			
806 315 289 514...	289-...F	I012	I014	
806 315 289 524...	289-...M	I010	I012	I014
806 315 289 534...	289-...C	I012	I014	I016
806 315 289 544...	289-...XC	I012	I014	I016

289 | 878 Xshort

 TORPEDO

	
Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
806 313 289 524...	289-...SHM 
806 313 289 534...	289-...SHC 

289 | 878 short

 TORPEDO

		
Head Diameter 1/10mm	012	014
Head Length mm	8.0	8.0
ISO	order #	
806 314 289 514...	289-...SF 	
806 314 289 524...	289-...SM 	
806 314 289 534...	289-...SC 	



288
289
290

877
878
879

Removal of old fillings
Crown preparation

290 | 879

 TORPEDO

				
Head Diameter 1/10mm	010	012	014	016
Head Length mm	9.5	9.5	10.0	10.0
ISO	order #			
806 315 290 504...	290-...XF 			
806 315 290 514...	290-...F 			
806 315 290 524...	290-...M 			
806 315 290 534...	290-...C 			
806 315 290 544...	290-...XC			

297 | 877K

 GINGIVAL CURETTAGE

			
Head Diameter 1/10mm	012	014	016
Head Length mm	6.0	6.0	6.0
ISO	order #		
806 314 297 524...	297-...M 		
806 314 297 534...	297-...C 		
806 314 297 544...	297-...XC		

297 | 877K Xshort

 GINGIVAL CURETTAGE

	
Head Diameter 1/10mm	017
Head Length mm	6.5
ISO	order #
806 313 297 524...	297-...SHM 
806 313 297 534...	297-...SHC 

298 | 878K

 GINGIVAL CURETTAGE

					
Head Diameter 1/10mm	012	014	016	018	021
Head Length mm	8.0	8.0	8.0	8.0	8.0
ISO	order #				
806 315 298 514...	298-...F				
806 315 298 524...	298-...M 				
806 315 298 534...	298-...C 				
806 315 298 544...	298-...XC				

465L | 392L

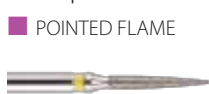
INTERDENTAL



Head Diameter 1/10mm	016
Head Length mm	8.0
ISO	order #
806 314 465L 504...	465L-...XF  016
806 314 465L 514...	465L-...F  016
806 314 465L 524...	465L-...M  016

496 | 888

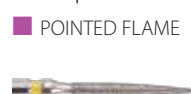
POINTED FLAME



Head Diameter 1/10mm	012	014
Head Length mm	8.0	8.0
ISO	order #	
806 315 496 504...	496-...XF  012	 014
806 315 496 514...	496-...F  012	 014
806 315 496 524...	496-...M  012	 014
806 315 496 534...	496-...C  012	 014

496 | 888 short

POINTED FLAME



Head Diameter 1/10mm	012
Head Length mm	8.5
ISO	order #
806 314 496 524...	496-...SM  012
806 314 496 534...	496-...SC  012

508C

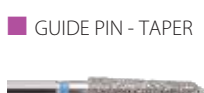
GUIDE PIN - CYLINDER



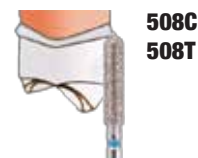
Head Diameter 1/10mm	018	021
Head Length mm	8.0	8.0
ISO	order #	
806 315 508C 514...	508C-...F  018	 021
806 315 508C 524...	508C-...M  018	 021

508T

GUIDE PIN - TAPER



Head Diameter 1/10mm	016	021	026
Head Length mm	0.8	8.0	8.0
ISO	order #		
806 315 508T 514...	508T-...F  016	 021	 026
806 315 508T 524...	508T-...M  016	 021	 026



Crown preparation

511(RC5)

GROSS REDUCTION CYLINDER



Head Diameter 1/10mm	016
Head Length mm	5.0
ISO	order #
806 314 511 524...	511-...M  016
806 314 511 534...	511-...C  016
806 314 511 544...	511-...XC  016

512 (RC7)

GROSS REDUCTION CYLINDER



Head Diameter 1/10mm	017
Head Length mm	7.0
ISO	order #
806 314 512 524...	512-...M  017
806 314 512 534...	512-...C  017
806 314 512 544...	512-...XC  017

513 (RC8) short

GROSS REDUCTION CYLINDER



Head Diameter 1/10mm	017
Head Length mm	7.6
ISO	order #
806 314 513 524...	513-...SM  017
806 314 513 534...	513-...SC  017
806 314 513 544...	513-...SXC  017

514 (RC9)

GROSS REDUCTION CYLINDER



Head Diameter 1/10mm	018
Head Length mm	8.0
ISO	order #
806 315 514 524...	514-...M I018
806 315 514 534...	514-...C I018
806 315 514 544...	514-...XC I018

516 (RT4)

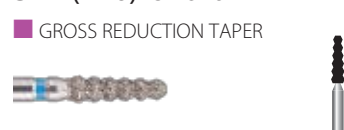
GROSS REDUCTION TAPER



Head Diameter 1/10mm	016
Head Length mm	4.0
ISO	order #
806 314 516 524...	516-...M I016
806 314 516 534...	516-...C I016
806 314 516 544...	516-...XC I016

517 (RT6) short

GROSS REDUCTION TAPER



Head Diameter 1/10mm	018
Head Length mm	6.5
ISO	order #
806 314 517 524...	517-...SM I018
806 314 517 534...	517-...SC I018
806 314 517 544...	517-...SXC I018

519 (RT8) short

GROSS REDUCTION TAPER



Head Diameter 1/10mm	018
Head Length mm	8.2
ISO	order #
806 314 519 524...	519-...SM I018
806 314 519 534...	519-...SC I018
806 314 519 544...	519-...SXC I018

521 (RT9) short

GROSS REDUCTION TAPER



Head Diameter 1/10mm	019
Head Length mm	10.0
ISO	order #
806 315 521 524...	521-...SM I019
806 315 521 534...	521-...SC I019
806 315 521 544...	521-...SXC I019

536 | 883S short

FLAME NEEDLE Short Head



Head Diameter 1/10mm	010
Head Length mm	3.0
ISO	order #
806 313 536 514...	536-...SSF I010

539 | 883

FLAME NEEDLE Short Head



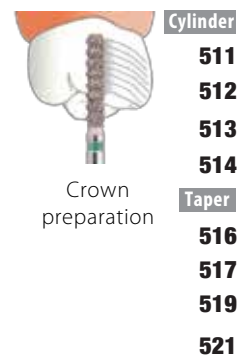
Head Diameter 1/10mm	007	009
Head Length mm	3.0	3.0
ISO	order #	
806 315 539 494...	539-...UF	I007
806 315 539 504...	539-...XF	I007
806 315 539 514...	539-...F	I007
806 315 539 524...	539-...M	I007 I009
806 315 539 534...	539-...C	I009

539 | 883 short

FLAME NEEDLE Short Head



Head Diameter 1/10mm	010
Head Length mm	3.0
ISO	order #
806 314 539 494...	539-...SUF
806 314 539 504...	539-...SXF I010
806 314 539 514...	539-...SF I010
806 314 539 524...	539-...SM I010
806 314 539 534...	539-...SC I010



540 | 889

FLAME NEEDLE short head



Head Diameter 1/10mm	008	010
Head Length mm	4.0	4.0
ISO	order #	
806 315 540 504...	540-...XF	008 010
806 315 540 514...	540-...F	008 010
806 315 540 524...	540-...M	008 010
806 315 540 534...	540-...C	010

544 | 845KR

ROUND EDGE TAPER



Head Diameter 1/10mm	016
Head Length mm	4.0
ISO	order #
806 314 544 504...	544-...XF 016
806 314 544 514...	544-...F 016
806 314 544 524...	544-...M 016



536
539
540

883
883
889

Crown preparation
Surface finishing

544 | 845KR short

ROUND EDGE TAPER



Head Diameter 1/10mm	019	021	026
Head Length mm	4.0	3.0	4.0
ISO	order #		
806 313 544 504...	544-...SXF		021
806 313 544 514...	544-...SF	019	021 026
806 313 544 524...	544-...SM	019	021 026
806 313 544 534...	544-...SC	019	021 026

545 | 846KR

ROUND EDGE TAPER



Head Diameter 1/10mm	016
Head Length mm	6.0
ISO	order #
806 314 545 524...	545-...M 016
806 314 545 534...	545-...C 016

545 | 846KR Xshort

ROUND EDGE TAPER



Head Diameter 1/10mm	017
Head Length mm	6.0
ISO	order #
806 313 545 524...	545-...SM 017
806 313 545 534...	545-...SC 017
806 313 545 544...	545-...SXC 017

Diamond Grit

ISO 494	ISO 504	ISO 514	ISO 524	ISO 534	ISO 544
UF	XF	F	M	C	XC



544
545
546
552
834

845 KR
846 KR
847 KR

Cavity preparation
Inlay/Onlay preparation



42 FG Diamonds

Order # sample: 001 ⁻⁰¹⁸ F
Shape Head Grit



546 | 847KR

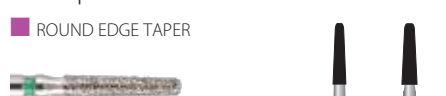
ROUND EDGE TAPER



Head Diameter 1/10mm	016
Head Length mm	8.0
ISO	order #
806 314 546 524...	546-...M I016
806 314 546 534...	546-...C I016
806 314 546 544...	546-...XC I016

546 | 847KR short

ROUND EDGE TAPER



Head Diameter 1/10mm		017	020
Head Length mm		8.0	8.0
ISO	order #		
806 314 546 514...	546-...SF		
806 314 546 524...	546-...SM		
806 314 546 534...	546-...SC		
806 314 546 544...	546-...SXC		



546

847 KR

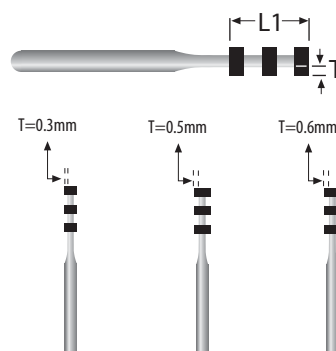
Cavity preparation
Inlay/Onlay preparation

552 | 834

DEPTH MARKER



Depth Mark (T) mm.	0.3	0.3	0.5	0.6	
Head Length mm	4.4	5.7	4.6	5.7	
ISO	order #				
806 314 552 524...	552-...M	I016	I017	I021	I022



552

834

Crown preparation
Laminate preparation

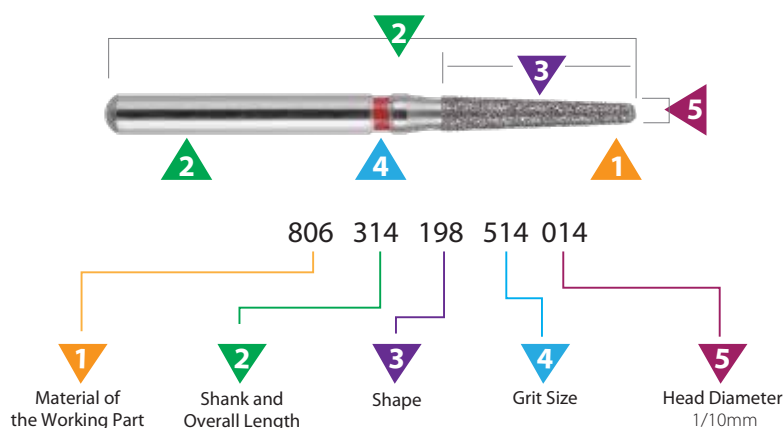
553 | 848KR

ROUND EDGE TAPER



Head Diameter 1/10mm	019
Head Length mm	10.0
ISO	order #
806 314 553 524...	553-...M I019

ISO Number System



Dental Rotary Instruments

RA/CA

Right Angle Diamonds





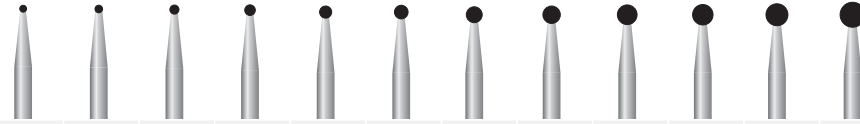
44 RA Diamonds

Order # sample: RA001 ⁻⁰¹⁸ F
 Shape Head Grit

Shank Diameter ø2.35mm ISO 204

001 | 801

RA ROUND



Head Diameter 1/10mm	009	010	012	014	016	018	021	023	026	027	029	033	
Head Length mm	0.9	1.0	1.2	1.4	1.6	1.8	2.1	2.3	2.6	2.7	2.9	3.3	
ISO	order #												
806 204 001 504...	RA001-...XF							023					
806 204 001 514...	RA001-...F				014	016	018	021	023	026	027	029	033
806 204 001 524...	RA001-...M	009	010	012	014	016	018	021	023		027	029	033
806 204 001 534...	RA001-...C			012	014	016			023				

010 | 805

RA INVERTED CONE short head



Head Diameter 1/10mm		009	010	012
Head Length mm		1.0	1.0	1.5
ISO	order #			
806 204 010 524...	RA010-...M			
806 204 010 534...	RA010-...C			

067 | 909

RA WHEEL rounded rim



Head Diameter 1/10mm	042
Head Length mm	1.7
ISO	order #
806 204 067 524...	RA067-...M
	042

109 | 835

RA FLAT END CYLINDER



Head Diameter 1/10mm	008	010	012	
Head Length mm	4.0	4.0	4.0	
ISO	order #			
806 204 109 524...	RA109-...M	☒ 008	☒ 010	☒ 012

110 | 836

RA FLAT END CYLINDER



Head Diameter 1/10mm		009	010	012	014	016
Head Length mm		6.0	6.0	6.0	6.0	6.0
ISO	order #					
806 204 110 524...	RA110-...M	009	010	012	014	016
806 204 110 534...	RA110-...C		010	012		

111 | 837

RA FLAT END CYLINDER



Head Diameter 1/10mm	008	010	012
Head Length mm	8.0	8.0	8.0
ISO	order #		
806 204 111 514...	RA111-...F	010	010
806 204 111 524...	RA111-...M	008	012
806 204 111 534...	RA111-...C	010	012

130 | 885

RA BEVELED CYLINDER



Head Diameter 1/10mm		010	012
Head Length mm		8.0	8.0
ISO	order #		
806 204 130 524...	RA130-...M	010	012
806 204 130 534...	RA130-...C		012

140 | 880

RA ROUND END CYLINDER



Head Diameter 1/10mm	010	012
Head Length mm	7.0	7.0
ISO	order #	
806 204 140 524...	RA140-...M	010 012
806 204 140 534...	RA140-...C	012

141 | 881

RA ROUND END CYLINDER



Head Diameter 1/10mm		010	012
Head Length mm		8.0	8.0
ISO	order #		
806 204 141 524...	RA141-...M	010	012
806 204 141 534...	RA141-...C		012

166 | 859

RA POINTED CONE



Head Diameter 1/10mm	014
Head Length mm	10.0
ISO	order #
806 205 166 514...	RA166-...F 014
806 205 166 524...	RA166-...M 014
806 205 166 534...	RA166-...C 014

167 | 859L

RA POINTED CONE



Head Diameter 1/10mm		010	012	018
Head Length mm		11.5	11.5	11.5
ISO	order #			
806 205 167 524...	RA167-...M	010	012	018
806 205 167 534...	RA167-...C	010	012	018



46 RA Diamonds

Order # sample: RA001 ⁻⁰¹⁸ F
Shape Head Grit

ISO 806 204 108 514 010
Diamond Shank ISO Grit Head
type Shape Size Size ø1/10mm

170 | 845

RA FLAT END TAPER



Head Diameter 1/10mm	010
Head Length mm	4.5
ISO	order #
806 204 170 524...	RA170-...M 010

171 | 846

RA FLAT END TAPER



Head Diameter 1/10mm		010	012	014
Head Length mm		6.0	6.0	6.0
ISO	order #			
806 204 171 524...	RA171-...M	☒ 010	☒ 012	☒ 014
806 204 171 534...	RA171-...C	☐	☒ 012	☒ 014

172 | 847

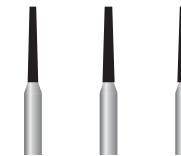
RA FLAT END TAPER



Head Diameter 1/10mm	012
Head Length mm	9.0
ISO	order #
806 204 172 524...	RA172-...M 012

173 | 848

RA FLAT END TAPER



Head Diameter 1/10mm		014	016	018
Head Length mm		10.0	10.0	10.0
ISO	order #			
806 205 173 524...	RA173-...M	 014	 016	 018
806 205 173 534...	RA173-...C	 014		

174 | 848L

RA FLAT END TAPER



Head Diameter 1/10mm		013	020
Head Length mm		11.5	11.5
ISO	order #		
806 205 174 524...	RA174-...M	 013	 020
806 205 174 534...	RA174-...C		 020

199 | 850

RA ROUND END TAPER



Head Diameter 1/10mm		012	014	016	018
Head Length mm		10.0	10.0	10.0	10.0
ISO	order #				
806 205 199 514...	RA199-...F	☐	☒ 014	☒ 016	☐
806 205 199 524...	RA199-...M	☒ 012	☒ 014	☒ 016	☒ 018
806 205 199 534...	RA199-...C	☐	☒ 014	☒ 016	☐

200 | 850L

■ RA ROUND END TAPER



Head Diameter 1/10mm	016
Head Length mm	11.5
ISO	order #
806 205 200 524...	RA200-...M
	I016

234 | 830L rounded edge

■ RA INVERTED CONE



Head Diameter 1/10mm	021
Head Length mm	5.0
ISO	order #
806 204 234 514...	RA234-...F I021

237 | 830R

■ RA PEAR



Head Diameter 1/10mm	021
Head Length mm	2.7
L2: OAL mm	22.0
ISO	order #
806 204 237 514...	RA237-...F  021
806 204 237 524...	RA237-...M  021

247 | 860

■ RA FLAME



Head Diameter 1/10mm	012
Head Length mm	5.0
ISO	order #
806 204 247 514...	RA247-...F I012

248 | 861

■ RA FLAME



Head Diameter 1/10mm	012	
Head Length mm	6.0	
ISO	order #	
806 204 248 514...	RA248-...F	I012

249 | 862

■ RA FLAME



Head Diameter 1/10mm	010	012	016
Head Length mm	8.0	8.0	8.0
ISO	order #		
806 204 249 514...	RA249-...F	 012	 016
806 204 249 524...	RA249-...M	 010	 012
		 016	



48 RA Diamonds

Order # sample: RA001 ⁻⁰¹⁸ F
 Shape Head Grit

Shank Diameter ø2.35mm ISO 204

250 | 863

RA FLAME



Head Diameter 1/10mm	016
Head Length mm	10.0
ISO	order #
806 204 250 514...	RA250-...F I016

257 | 368

RA BUD



Head Diameter 1/10mm	016	018	020	023
Head Length mm	4.5	4.5	4.5	5.0
ISO	order #			
806 204 257 504...	RA257-...XF			I023
806 204 257 514...	RA257-...F	I016	I018	I020
806 204 257 524...	RA257-...M	I016	I018	I020

277 | 379

RA GINGIVAL CURETTAGE



Head Diameter 1/10mm	023
Head Length mm	4.2
ISO	order #
806 204 277 504...	RA277-...XF I023
806 204 277 514...	RA277-...F I023

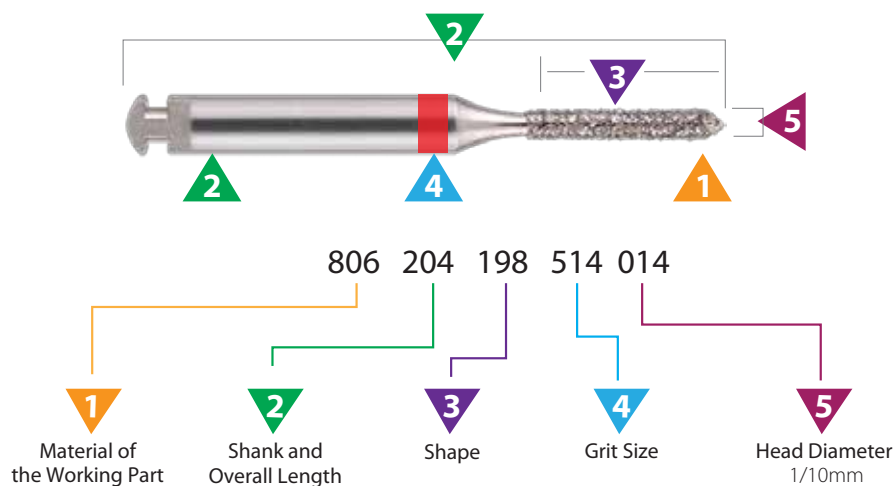
298 | 878K

RA GINGIVAL CURETTAGE



Head Diameter 1/10mm	012
Head Length mm	8.0
ISO	order #
806 204 298 524...	RA298-...M I012

ISO Number System



FG GOLD Diamonds

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





50 FG 24K Gold

Order # sample: G001⁻⁰¹⁸F
Shape Head Grit**001 | 801**

ROUND



Head Diameter 1/10mm	010	012	014	016	018	021	023
Head Length mm	1.0	1.2	1.4	1.6	1.8	2.1	2.3
ISO	order #						
G806 314 001 494...	G001-...UF					018	
G806 314 001 504...	G001-...XF				016	018	023
G806 314 001 514...	G001-...F				016	018	023
G806 314 001 524...	G001-...M	010	012	014	016	018	021 023
G806 314 001 534...	G001-...C	010	012	014	016	018	021 023
G806 314 001 544...	G001-...XC					018	021 023

002 | 802

ROUND with collar



Head Diameter 1/10mm	012	017
Head Length mm	2.2	2.5
ISO	order #	
G806 314 002 524...	G002-...M	012 017
G806 314 002 534...	G002-...C	012 017
G806 314 002 544...	G002-...XC	017

010 | 805

INVERTED CONE short head



Head Diameter 1/10mm	012	017
Head Length mm	1.5	1.5
ISO	order #	
G806 314 010 524...	G010-...M	012 017
G806 314 010 534...	G010-...C	012 017
G806 314 010 544...	G010-...XC	017

019 | 806

INVERTED CONE with collar



Head Diameter 1/10mm	012	017
Head Length mm	2.2	3.0
ISO	order #	
G806 314 019 524...	G019-...M	012 017
G806 314 019 534...	G019-...C	012 017
G806 314 019 544...	G019-...XC	017

032L | 813L

DIABLO



Head Diameter 1/10mm		012
Head Length mm		2.2
ISO	order #	
G806 314 032L 524...	G032L-...M	012
G806 314 032L 534...	G032L-...C	012

038 | 811S

BARREL



Head Diameter 1/10mm		033
Head Length mm		4.5
ISO	order #	
G806 314 038 534...	G038-...C	 033
G806 314 038 544...	G038-...XC	 033

039 | 811

BARREL



Head Diameter 1/10mm	033	037
Head Length mm	5.5	7.0
ISO	order #	
G806 314 039 524...	G039-...M	033
G806 314 039 534...	G039-...C	033 037
G806 314 039 544...	G039-...XC	033 037

067 | 909 short

 WHEEL rounded rim



Head Diameter 1/10mm	042
Head Length mm	1.4
ISO	order #
G806 313 067 524...	G067-...SM 
G806 313 067 534...	G067-...SC 
G806 313 067 544...	G067-...SXC 

108 | 835

 FLAT END CYLINDER



Head Diameter 1/10mm	009	011
Head Length mm	3.0	3.0
ISO	order #	
G806 314 108 524...	G108-...M 	
G806 314 108 534...	G108-...C 	

109 | 835

 FLAT END CYLINDER



Head Diameter 1/10mm	010	012	015	018
Head Length mm	4.0	4.0	4.0	4.0
ISO	order #			
G806 314 109 524...	G109-...M 			
G806 314 109 534...	G109-...C 			
G806 314 109 544...	G109-...XC			

109 | 835 short

 FLAT END CYLINDER



Head Diameter 1/10mm	010
Head Length mm	4.0
ISO	order #
G806 313 109 524...	G109-...SM 
G806 313 109 534...	G109-...SC 

110 | 836

 FLAT END CYLINDER



Head Diameter 1/10mm	012	014
Head Length mm	6.0	6.0
ISO	order #	
G806 314 110 514...	G110-...F	
G806 314 110 524...	G110-...M 	
G806 314 110 534...	G110-...C 	
G806 314 110 544...	G110-...XC	

110 | 836 short

 FLAT END CYLINDER



Head Diameter 1/10mm	012	015
Head Length mm	7.0	6.0
ISO	order #	
G806 313 110 524...	G110-...SM 	
G806 313 110 534...	G110-...SC 	
G806 313 110 544...	G110-...SXC	

111 | 837L

FLAT END CYLINDER



Head Diameter 1/10mm	012	014	017
Head Length mm	8.0	8.0	8.0
ISO	order #		
G806 315 111 524...	G111-...M	☐ 012	☐ 014
G806 315 111 534...	G111-...C	☐ 012	☐ 017
G806 315 111 544...	G111-...XC	☐	☐ 014

112 | 837L

FLAT END CYLINDER



Head Diameter 1/10mm	014
Head Length mm	10.0
ISO	order #
G806 315 112 524...	G112-...M
G806 315 112 534...	G112-...C

130 | 885

BEVELED CYLINDER



Head Diameter 1/10mm	012	015
Head Length mm	8.0	8.0
ISO	order #	
G806 315 130 504...	G130-...XF	☐ 012
G806 315 130 514...	G130-...F	☐ 012
G806 315 130 524...	G130-...M	☐ 012
G806 315 130 534...	G130-...C	☐ 012
G806 315 130 544...	G130-...XC	☐

130 | 885 short

BEVELED CYLINDER



Head Diameter 1/10mm	012
Head Length mm	8.0
ISO	order #
G806 314 130 514...	G130-...SF
G806 314 130 524...	G130-...SM
G806 314 130 534...	G130-...SC

131 | 886

BEVELED CYLINDER



Head Diameter 1/10mm	014
Head Length mm	10.0
ISO	order #
G806 315 131 524...	G131-...M
G806 315 131 534...	G131-...C
G806 315 131 544...	G131-...XC

131 | 886 short

BEVELED CYLINDER



Head Diameter 1/10mm	012
Head Length mm	10.0
ISO	order #
G806 314 131 514...	G131-...SF
G806 314 131 524...	G131-...SM
G806 314 131 534...	G131-...SC

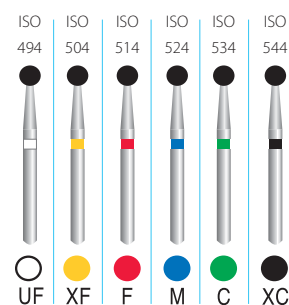
139 | 838

ROUND END CYLINDER



Head Diameter 1/10mm	009	012
Head Length mm	4.0	4.0
ISO	order #	
G806 314 139 524...	G139-...M	☐ 009
G806 314 139 534...	G139-...C	☐

Diamond Grit



ISO

806 314 108 514 010

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

FG 24K Gold 53

**140 | 880**

ROUND END CYLINDER



Head Diameter 1/10mm	012	014
Head Length mm	6.0	6.0
ISO	order #	
G806 315 140 504...	G140-...XF	I012
G806 315 140 524...	G140-...M	I012 I014
G806 315 140 534...	G140-...C	I012 I014
G806 315 140 544...	G140-...XC	I012 I014

140 | 880 short

ROUND END CYLINDER



Head Diameter 1/10mm	010	012
Head Length mm	6.0	6.0
ISO	order #	
G806 314 140 524...	G140-...SM	I012
G806 314 140 534...	G140-...SC	I010 I012
G806 314 140 544...	G140-...SXC	I012

141 | 881

ROUND END CYLINDER



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
G806 314 141 504...	G141-...XF I014
G806 314 141 514...	G141-...F I014
G806 314 141 524...	G141-...M I014
G806 314 141 534...	G141-...C I014
G806 314 141 544...	G141-...XC I014

165 | 858

POINTED CONE



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
G806 315 165 504...	G165-...XF I014
G806 315 165 514...	G165-...F I014
G806 315 165 524...	G165-...M I014
G806 315 165 534...	G165-...C I014

165 | 858 short

POINTED CONE



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
G806 314 165 504...	G165-...SXF I014
G806 314 165 514...	G165-...SF I014
G806 314 165 524...	G165-...SM I014
G806 314 165 534...	G165-...SC I014

166 | 859

POINTED CONE



Head Diameter 1/10mm	017
Head Length mm	10.0
ISO	order #
G806 315 166 504...	G166-...XF I017
G806 315 166 514...	G166-...F I017
G806 315 166 524...	G166-...M I017
G806 315 166 534...	G166-...C I017
G806 315 166 544...	G166-...XC I017

166 | 859 short

POINTED CONE



Head Diameter 1/10mm	014
Head Length mm	10.0
ISO	order #
G806 314 166 504...	G166-...SXF I014
G806 314 166 514...	G166-...SF I014
G806 314 166 524...	G166-...SM I014
G806 314 166 534...	G166-...SC I014

167 | 859L

POINTED CONE



Head Diameter 1/10mm	012
Head Length mm	11.5
ISO	order #
G806 315 167 504...	G167-...XF I012
G806 315 167 514...	G167-...F I012
G806 315 167 524...	G167-...M I012
G806 315 167 534...	G167-...C I012

170 | 845

FLAT END TAPER



Head Diameter 1/10mm	012
Head Length mm	4.0
ISO	order #
G806 314 170 524...	G170-...M 012

171 | 846

FLAT END TAPER



Head Diameter 1/10mm	012	014	015
Head Length mm	6.0	6.0	6.0
ISO	order #		
G806 314 171 524...	G171-...M	012	014
G806 314 171 534...	G171-...C	012	014
G806 314 171 544...	G171-...XC		014

172 | 847

FLAT END TAPER



Head Diameter 1/10mm	014	016
Head Length mm	8.0	8.0
ISO	order #	
G806 315 172 504...	G172-...XF	016
G806 315 172 514...	G172-...F	016
G806 315 172 524...	G172-...M	014
G806 315 172 534...	G172-...C	014
G806 315 172 544...	G172-...XC	014

172 | 847 short

FLAT END TAPER



Head Diameter 1/10mm	015	017
Head Length mm	8.0	8.0
ISO	order #	
G806 314 172 504...	G172-...SXF	015
G806 314 172 514...	G172-...SF	015
G806 314 172 524...	G172-...SM	015
G806 314 172 534...	G172-...SC	015
G806 314 172 544...	G172-...SXC	015

173 | 848

FLAT END TAPER



Head Diameter 1/10mm	014	016	017	019
Head Length mm	10.0	10.0	10.0	10.0
ISO	order #			
G806 315 173 504...	G173-...XF		017	
G806 315 173 514...	G173-...F	016	017	
G806 315 173 524...	G173-...M	014	016	017
G806 315 173 534...	G173-...C	014	016	017
G806 315 173 544...	G173-...XC		016	017

173 | 848 short

FLAT END TAPER



Head Diameter 1/10mm		018
Head Length mm		10.0
ISO	order #	
G806 314 173 524...	G173-...SM	 018
G806 314 173 534...	G173-...SC	 018
G806 314 173 544...	G173-...SXC	 018

174 | 848L

■ FLAT END TAPER



Head Diameter 1/10mm	013
Head Length mm	11.5
ISO	order #
G806 315 174 504...	G174-...XF ■ 013
G806 315 174 514...	G174-...F ■ 013
G806 315 174 524...	G174-...M ■ 013
G806 315 174 534...	G174-...C ■ 013

197 | 855

■ ROUND END TAPER



Head Diameter 1/10mm	023
Head Length mm	7.0
ISO	order #
G806 315 197 524...	G197-...M ■ 023
G806 315 197 534...	G197-...C ■ 023
G806 315 197 544...	G197-...XC ■ 023

197 | 855 short

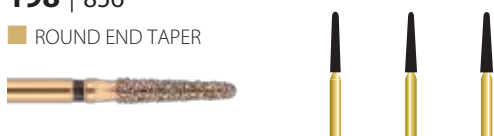
■ ROUND END TAPER



Head Diameter 1/10mm	018
Head Length mm	7.0
ISO	order #
G806 314 197 514...	G197-...SF ■ 018
G806 314 197 524...	G197-...SM ■ 018
G806 314 197 534...	G197-...SC ■ 018
G806 314 197 544...	G197-...SXC ■ 018

198 | 856

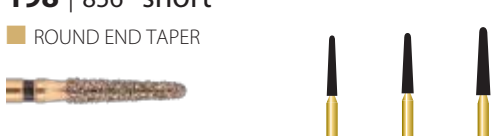
■ ROUND END TAPER



Head Diameter 1/10mm	014	016	017
Head Length mm	8.0	8.0	8.0
ISO	order #		
G806 315 198 504...	G198-...XF ■ 014		
G806 315 198 514...	G198-...F ■ 014		
G806 315 198 524...	G198-...M ■ 014	■ 016	■ 017
G806 315 198 534...	G198-...C ■ 014	■ 016	■ 017
G806 315 198 544...	G198-...XC ■ 014	■ 016	■ 017

198 | 856 short

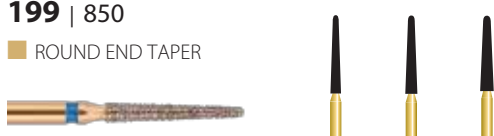
■ ROUND END TAPER



Head Diameter 1/10mm	014	016	019
Head Length mm	8.0	8.0	9.0
ISO	order #		
G806 314 198 504...	G198-...SXF	■ 016	
G806 314 198 514...	G198-...SF ■ 014	■ 016	■ 019
G806 314 198 524...	G198-...SM ■ 014	■ 016	■ 019
G806 314 198 534...	G198-...SC ■ 014	■ 016	■ 019
G806 314 198 544...	G198-...SXC ■ 014	■ 016	■ 019

199 | 850

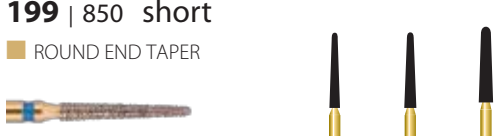
■ ROUND END TAPER



Head Diameter 1/10mm	014	016	018
Head Length mm	10.0	10.0	10.0
ISO	order #		
G806 315 199 514...	G199-...F		■ 018
G806 315 199 524...	G199-...M ■ 014	■ 016	■ 018
G806 315 199 534...	G199-...C ■ 014	■ 016	■ 018
G806 315 199 544...	G199-...XC ■ 014	■ 016	■ 018

199 | 850 short

■ ROUND END TAPER



Head Diameter 1/10mm	014	016	019
Head Length mm	10.0	10.0	10.0
ISO	order #		
G806 314 199 514...	G199-...SF	■ 016	■ 019
G806 314 199 524...	G199-...SM ■ 014	■ 016	■ 019
G806 314 199 534...	G199-...SC ■ 014	■ 016	■ 019
G806 314 199 544...	G199-...SXC ■ 014	■ 016	■ 019

225 | 807

INVERTED CONE

		
Head Diameter 1/10mm	013	019
Head Length mm	3.5	4.0
ISO	order #	
G806 314 225 524...	G225-...M	 
G806 314 225 534...	G225-...C	
G806 314 225 544...	G225-...XC	

233 | 830 | Rounded Edge

INVERTED CONE

■ INVERTED CONE		
		
Head Diameter 1/10mm		016
Head Length mm		3.0
ISO	order #	
G806 314 233 524...	G233-...M	 016
G806 314 233 534...	G233-...C	 016
G806 314 233 544...	G233-...XC	 016

237 | 830R

PEAR

PEAR		
		
Head Diameter 1/10mm		012
Head Length mm		3.0
ISO	order #	
G806 314 237 504...	G237-...XF	 012
G806 314 237 514...	G237-...F	 012
G806 314 237 524...	G237-...M	 012
G806 314 237 534...	G237-...C	 012

238 | 830RL

PEAR

		
Head Diameter 1/10mm	012	014
Head Length mm	5.0	5.0
ISO	order #	
G806 314 238 524...	G238-...M	 
G806 314 238 534...	G238-...C	 

247 | 860

FLAME

		
Head Diameter 1/10mm	013	016
Head Length mm	5.0	5.0
ISO	order #	
G806 314 247 504...	G247-...XF	 
G806 314 247 514...	G247-...F	 
G806 314 247 524...	G247-...M	
G806 314 247 534...	G247-...C	

249 | 862

FLAME

		
Head Diameter 1/10mm	012	014
Head Length mm	8.0	8.0
ISO	order #	
G806 315 249 504...	G249-...XF	
G806 315 249 514...	G249-...F	 
G806 315 249 524...	G249-...M	 
G806 315 249 534...	G249-...C	 

249 | 862 short

FLAME

		
Head Diameter 1/10mm	012	016
Head Length mm	8.0	8.0
ISO	order #	
G806 314 249 504...	G249-...SXF	 
G806 314 249 514...	G249-...SF	 
G806 314 249 524...	G249-...SM	 
G806 314 249 534...	G249-...SC	 
G806 314 249 544...	G249-...SXC	

Diamond Grit

ISO	ISO	ISO	ISO	ISO	ISO
494	504	514	524	534	544
					
UF	XF	F	M	C	XC

ISO

806 314 108 514 010
 Diamond Shank ISO Grit Head
 type Shape Size ø1/10mm

FG 24K Gold 57

**250 | 863**

FLAME



Head Diameter 1/10mm	012	014
Head Length mm	10.0	10.0
ISO	order #	
G806 315 250 504...	G250-...XF	I012
G806 315 250 514...	G250-...F	I012
G806 315 250 524...	G250-...M	I012 I014
G806 315 250 534...	G250-...C	I012 I014
G806 315 250 544...	G249-...XC	I014

250 | 863 short

FLAME



Head Diameter 1/10mm	012
Head Length mm	10.0
ISO	order #
G806 314 250 504...	G250-...SXF I012
G806 314 250 514...	G250-...SF I012
G806 314 250 524...	G250-...SM I012
G806 314 250 534...	G250-...SC I012

257 | 868

BUD



Head Diameter 1/10mm	016	020	023
Head Length mm	3.2	4.6	5.0
ISO	order #		
G806 314 257 494...	G257-...UF	I020	I023
G806 314 257 504...	G257-...XF	I016 I020	I023
G806 314 257 514...	G257-...F	I016 I020	I023
G806 314 257 524...	G257-...M	I016 I020	I023
G806 314 257 534...	G257-...C	I016 I020	I023
G806 314 257 544...	G257-...XC	I020	I023

277 | 379

EGG



Head Diameter 1/10mm	023
Head Length mm	4.5
ISO	order #
G806 314 277 504...	G277-...XF I023
G806 314 277 514...	G277-...F I023
G806 314 277 524...	G277-...M I023
G806 314 277 534...	G277-...C I023
G806 314 277 544...	G277-...XC I023

290 | 879

TORPEDO



Head Diameter 1/10mm	010	012
Head Length mm	9.5	9.5
ISO	order #	
G806 315 290 504...	G290-...XF	I010 I012
G806 315 290 514...	G290-...F	I010 I012
G806 315 290 524...	G290-...M	I010 I012
G806 315 290 534...	G290-...C	I012

298 | 878K short

GINGIVAL CURETTAGE



Head Diameter 1/10mm	014	016
Head Length mm	8.0	8.0
ISO	order #	
G806 314 298 524...	G298-...SM	I014 I016
G806 314 298 534...	G298-...SC	I014 I016
G806 314 298 544...	G298-...SXC	I014 I016

465 | 392

INTERDENTAL



Head Diameter 1/10mm	016
Head Length mm	5.0
ISO	order #
G806 314 465 504...	G465-...XF I016
G806 314 465 514...	G465-...F I016
G806 314 465 524...	G465-...M I016



SPIRAL DIAMONDS



- Clear diamond-free spiral channel for optimal debris removal
- Engineered for sharper, faster and cooler bulk removal
- Improved unobstructed water cooling

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

Dental Rotary Instruments

Helix[®] Gold Spiral diamonds





60 Helix®

Order # sample: H172⁻⁰¹⁸ C
Shape Head Grit**109 | H835**

FLAT END CYLINDER



Head Diameter 1/10mm	010
Head Length mm	4.0
ISO	order #
H806 314 109 544...	H109-...XC I010

110 | H836 short

FLAT END CYLINDER



Head Diameter 1/10mm	012
Head Length mm	7.0
ISO	order #
H806 314 110 544...	H110-...SXC I012

111 | H837

FLAT END CYLINDER



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
H806 315 111 544...	H111-...XC I014

130 | H885

BEVELED CYLINDER



Head Diameter 1/10mm	012
Head Length mm	8.0
ISO	order #
H806 314 130 544...	H130-...XC I012

131 | H886

BEVELED CYLINDER



Head Diameter 1/10mm	014
Head Length mm	10.0
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
Head Length mm	6.0
ISO	order #
H806 315 140 544...	H140-...XC I012

140 | H880 short

ROUND END CYLINDER



Head Diameter 1/10mm	012
Head Length mm	6.0
ISO	order #
806 314 140 544...	H140-...SXC I012

141 | H881

ROUND END CYLINDER



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
H806 315 141 544...	H141-...SXC I014

141 | H881 short

ROUND END CYLINDER



Head Diameter 1/10mm	014
Head Length mm	8.0
ISO	order #
H806 314 141 544...	H141-...SXC I014

172 | H847

FLAT END TAPER



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

172 | H847 short

FLAT END TAPER



Head Diameter 1/10mm	017
Head Length mm	8.0
ISO	order #
H806 314 172 544...	H172-...SXC I017

197 | H855 short

ROUND END TAPER



Head Diameter 1/10mm	020
Head Length mm	6.0
ISO	order #
H806 313 197 534...	H197-...SC I020
H806 313 197 544...	H197-...SXC I020

173 | H848

FLAT END TAPER



Head Diameter 1/10mm	016	018
Head Length mm	10.0	10.0
ISO	order #	
H806 315 173 544...	H173-...XC	I016 I018

198 | H856

ROUND END TAPER



Head Diameter 1/10mm	014	016	019	022
Head Length mm	8.0	8.0	8.0	8.0
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
Head Length mm	8.0	8.0	9.0
ISO	order #		
H806 314 198 534...	H198-...SC	014	016
H806 314 198 544...	H198-...SXC	014	016

199 | H850

ROUND END TAPER



Head Diameter 1/10mm	014	016	018
Head Length mm	10.0	10.0	10.0
ISO	order #		
H806 315 199 534...	H199-...C	016	018
H806 315 199 544...	H199-...XC	014	016

199 | H850 short

ROUND END TAPER



Head Diameter 1/10mm	014	016
Head Length mm	10.0	10.0
ISO	order #	
H806 314 199 534...	H199-...SC	016
H806 314 199 544...	H199-...SXC	014

249 | H862

FLAME



Head Diameter 1/10mm	012
Head Length mm	8.0
ISO	order #
H806 315 249 544...	H249-...XC

249 | H862 short

FLAME



Head Diameter 1/10mm	012
Head Length mm	8.0
ISO	order #
H806 314 249 544...	H249-...SXC

250 | H863 short

FLAME



Head Diameter 1/10mm	012
Head Length mm	10.0
ISO	order #
H806 315 250 544...	H250-...SXC

257 | H386

■ BUD



Head Diameter 1/10mm	023
Head Length mm	5.0
ISO	order #
H806 314 257 534...	H257-...C ■ 023
H806 314 257 544...	H257-...XC ■ 023

298 | H878K

■ GINGIVAL CURETTAGE



Head Diameter 1/10mm	016	018
Head Length mm	8.0	8.0
ISO	order #	
H806 315 298 544...	H298-...XC ■ 016	■ 018

298 | H878K short

■ GINGIVAL CURETTAGE



Head Diameter 1/10mm	014	016
Head Length mm	8.0	8.0
ISO	order #	
H806 314 298 544...	H298-...SXC ■ 014	■ 016

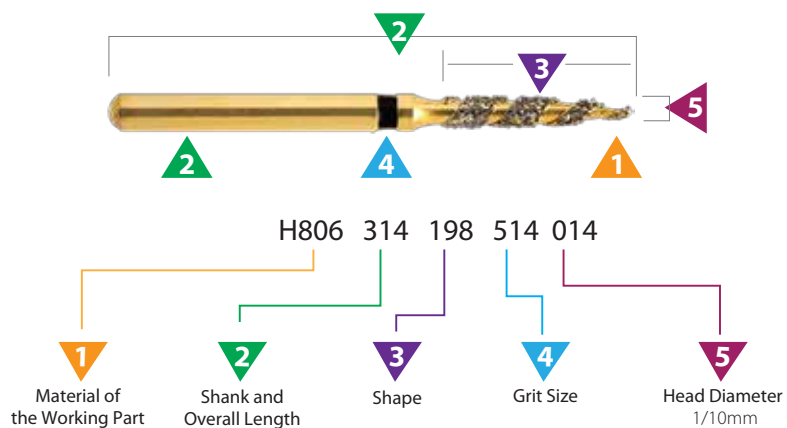
299 | H879K

■ GINGIVAL CURETTAGE



Head Diameter 1/10mm	018
Head Length mm	10.0
ISO	order #
H806 315 299 524...	H299-...XC ■ 018

ISO Number System



Twister II



SPIRAL DIAMONDS

- Clear diamond-free spiral channel for optimal debris removal
- Engineered for sharper, faster and cooler bulk removal
- Improved unobstructed water cooling

Dental Rotary Instruments

Twister II

Spiral diamonds





66 Twister II

Order # sample: HR199 ⁻⁰¹⁶ C
 Shape Head Grit

109 | HR835

FLAT END CYLINDER



Head Diameter 1/10mm 010

Head Length mm 4.0

ISO order #

HR806 314 109 534... HR109-...C 010

HR806 314 109 544... HR109-...XC 010

110 | HR836 short

FLAT END CYLINDER



Head Diameter 1/10mm 012

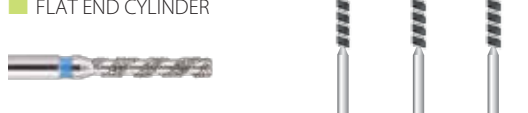
Head Length mm 6.0

ISO order #

HR806 314 110 544... HR110-...SXC 012

111 | HR837

FLAT END CYLINDER



Head Diameter 1/10mm 012 014 016

Head Length mm 8.0 8.0 8.0

ISO order #

HR806 315 111 524... HR111-...M 012 014

HR806 315 111 534... HR111-...C 012 014 016

HR806 315 111 544... HR111-...XC 014

130 | HR885 short

BEVELED CYLINDER



Head Diameter 1/10mm 012

Head Length mm 8.0

ISO order #

HR806 314 130 544... HR130-...SXC 012

131 | HR886

BEVELED CYLINDER



Head Diameter 1/10mm 014

Head Length mm 10.0

ISO order #

HR806 315 131 544... HR131-...XC 014

140 | HR880

ROUND END CYLINDER



Head Diameter 1/10mm 012 014

Head Length mm 6.0 6.0

ISO order #

HR806 315 140 544... HR140-...XC 012 014

140 | HR880 short

ROUND END CYLINDER



Head Diameter 1/10mm 012

Head Length mm 6.0

ISO order #

806 314 HR140 544... HR140-...SXC 012

141 | HR881

ROUND END CYLINDER



Head Diameter 1/10mm 014

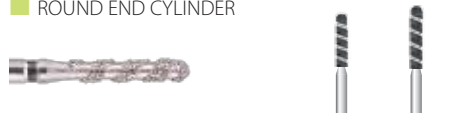
Head Length mm 8.0

ISO order #

HR806 315 141 544... HR141-...XC 014

141 | HR881 short

ROUND END CYLINDER



Head Diameter 1/10mm 012 014

Head Length mm 8.0 8.0

ISO order #

HR806 314 141 544... HR141-...SXC 012 014

172 | HR847

FLAT END TAPER

		
Head Diameter 1/10mm	014	016
Head Length mm	8.0	8.5
ISO	order #	
HR806 315 172 524...	HR172-...M	☐ 016
HR806 315 172 534...	HR172-...C	☐ 016
HR806 315 172 544...	HR172-...XC	☐ 014

172 | HR847 short

FLAT END TAPER

172 HR847 - short		
■ FLAT END TAPER		
		
Head Diameter 1/10mm		018
Head Length mm		8.0
ISO	order #	
HR806 314 172 544...	HR172-...SXC	☐ 018

173 | HR848

FLAT END TAPER

		
Head Diameter 1/10mm	016	018
Head Length mm	10.0	10.0
ISO	order #	
HR806 315 173 524...	HR173-...M	☐ 016 ☐ 018
HR806 315 173 534...	HR173-...C	☐ 018
HR806 315 173 544...	HR173-...XC	☐ 016 ☐ 018

197 | HR855 short

ROUND END TAPER

197 | HR855 short

ROUND END TAPER



Head Diameter 1/10mm	020	
Head Length mm	6.0	
ISO	order #	
HR806 313 197 534...	HR197-...SC	☐ 020
HR806 313 197 544...	HR197-...SXC	☐ 020

198 | HR856

ROUND END TAPER

		
Head Diameter 1/10mm	016	022
Head Length mm	8.0	8.0
ISO	order #	
HR806 315 198 524...	HR198-...M	☐ 016
HR806 315 198 534...	HR198-...C	☐ 016
HR806 315 198 544...	HR198-...XC	☐ 016 ☐ 022

198 | HR856 short

ROUND END TAPER

			
Head Diameter 1/10mm	015	016	019
Head Length mm	8.0	8.0	8.5
ISO	order #		
HR806 314 198 524...	HR198-...SM	☐ 016	☐ 019
HR806 314 198 534...	HR198-...SC	☐ 015 ☐ 016	☐ 019
HR806 314 198 544...	HR198-...SXC	☐ 015 ☐ 016	☐ 019

199 | HR856

ROUND END TAPER

		
Head Diameter 1/10mm	014	018
Head Length mm	10.0	10.0
ISO	order #	
HR806 315 199 524...	HR199-...M	☐ 018
HR806 315 199 544...	HR199-...XC	☐ 014 ☐ 018



68 Twister II

Order # sample: HR199 ⁻⁰¹⁶ C
Shape Head Grit

199 | HR856 short

ROUND END TAPER



Head Diameter 1/10mm	014	016
Head Length mm	10.0	10.0
ISO	order #	
HR806 314 199 534...	HR199-...SC	016
HR806 314 199 544...	HR199-...SXC	014 016

249 | HR862

FLAME



Head Diameter 1/10mm		012
Head Length mm		8.0
ISO	order #	
HR806 315 249 534...	HR249-...C	 012
HR806 315 249 544...	HR249-...XC	 012

249 | HR862 short

FLAME



Head Diameter 1/10mm	012
Head Length mm	8.0
ISO	order #
HR806 314 249 544...	HR249-...SXC
	012

250 | HR863

FLAME



Head Diameter 1/10mm		014
Head Length mm		10.0
ISO	order #	
HR806 315 250 524...	HR250-...M	 014
HR806 315 250 534...	HR250-...C	 014

250 | HR863 short

FLAME



Head Diameter 1/10mm	012	
Head Length mm	10.0	
ISO	order #	
HR806 314 250 544...	HR250-...SXC	012

257 | HR368

BUD



Head Diameter 1/10mm		023
Head Length mm		5.0
ISO	order #	
HR806 314 257 524...	HR257-...M	 023
HR806 314 257 534...	HR257-...C	 023
HR806 314 257 544...	HR257-...XC	 023

290 | HR879

TORPEDO



Head Diameter 1/10mm	014
Head Length mm	10.0
ISO	order #
HR806 315 290 534...	HR290-...C 014

298 | HR878K

GINGIVAL CURETTAGE



Head Diameter 1/10mm	016	018
Head Length mm	8.0	8.0
ISO	order #	
HR806 315 298 534...	HR298-...C	016
HR806 315 298 544...	HR298-...XC	016 018

298 | HR878K short

GINGIVAL CURETTAGE



Head Diameter 1/10mm	014	016
Head Length mm	8.0	8.0
ISO	order #	
HR806 314 298 544...	HR298-...XC	014 016

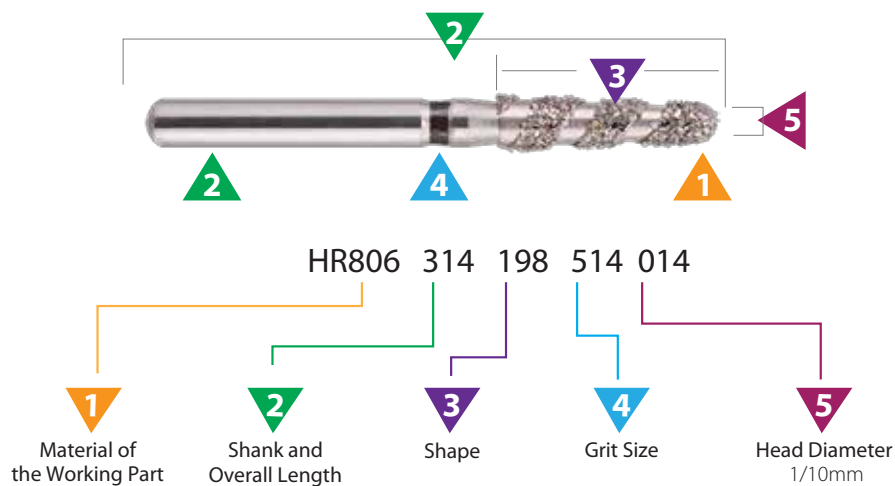
299 | HR878K

GINGIVAL CURETTAGE



Head Diameter 1/10mm	018
Head Length mm	10.0
ISO	order #
HR806 315 299 544...	HR299-...XC 018

Twister ISO Number System



Dental Rotary Instruments

Endo & Specials



697 | 801 L

ROUND long neck



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

E164

Pointed cone w/rounded coated tip



Head Diameter 1/10mm	011	015	018
Head Length mm	10.0	10.0	10.0
ISO	order #		
806 315 164 534...	E164-...C	011	015 018

E165

Pointed cone uncoated tip



Head Diameter 1/10mm	014	014L
Head Length mm	9.0	9.0
ISO	order #	
806 315 165 534 ...	E165-...C	014 014L

E213 "DA ACCESS"

SAFE END



Head Diameter 1/10mm	015
L1: Head Length mm	9.0
L2: OAL mm	26.5
ISO	order #
E806 316 213 524...	E213-...M 015

152

ENDO ACCESS SAFE END



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

190

uncoated tip

FLAME OGIVAL SAFE END



Head Diameter 1/10mm	018
Head Length mm	9.5
ISO	order #
E806 314 190 534...	190-...C

216

TAPERED SAFE END



Head Diameter 1/10mm	010	
Head Length mm	3.0	
ISO	order #	
806 314 216 504...	216-...XF	 010
806 314 216 514...	216-...F	 010

218

TAPERED SAFE END



Head Diameter 1/10mm	016
Head Length mm	6.0
ISO	order #
806 314 218 504...	218-...XF
806 314 218 514...	218-...F

219

TAPERED SAFE END



Head Diameter 1/10mm	012	016
Head Length mm	8.0	8.0
ISO	order #	
806 315 219 524...	219-...M	I012 I016

220

uncoated tip

TAPERED SAFE END



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

Diamond Grit

ISO	ISO	ISO	ISO	ISO	ISO
494	504	514	524	534	544
					
					
UF	XF	F	M	C	XC

GUIDE PINS

508C Cylinder

GUIDE PIN



Head Diameter 1/10mm	018	021
L1: Head Length L1mm	8.0	8.0
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
ISO	order #	
806 315 508T 514...	508T-...F	 021  026
806 315 508T 524...	508T-...M	 021  026

TC TUNGSTEN CARBIDE SURGICAL

151-Z



Head Diameter 1/10mm	016
L1: Head Length L1mm	11.0
L2: OAL mm	23.0
ISO	order #
500 315 199 336 016	151-Z 016

151M-Z



Head Diameter 1/10mm	016
L1: Head Length L1mm	11.0
L2: OAL mm	25.0
ISO	order #
500 316 199 336 016	151M-Z 016

151L-Z



Head Diameter 1/10mm	016
L1: Head Length L1mm	11.0
L2: OAL mm	28.0
ISO	order #
500 317 199 336 016	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

Dental Rotary Instruments



ZirconIT™

Adjustment & Crown Cutting



■ Zirconia Adjustments: ZirconIT™ ADJ series

Improved specialty diamonds with bonding that allows precise and quick calibration and adjustments of Zirconia crowns.

The new ZirconIT™ ADJ series is also designed for PFM crowns, Lithium Di silicate and other Advanced Ceramic Crowns and Bridges adjustments.

Z001 ADJUSTMENT

■ ROUND



Head Diameter 1/10mm	022
Head Length mm	2.2
order #	Z001-...ADJ I022

Z167 ADJUSTMENT

■ POINTED CONE



Head Diameter 1/10mm	010
Head Length mm	11.5
order #	Z167-...ADJ I010



Z198L ADJUSTMENT

■ ROUND END TAPER



Head Diameter 1/10mm	016
Head Length mm	9.0
order #	Z198L-...ADJ I016

Z276 ADJUSTMENT

■ FOOTBALL



Head Diameter 1/10mm	031
Head Length mm	6.2
order #	Z276-...ADJ I031

Z277 ADJUSTMENT

■ EGG



Head Diameter 1/10mm	023
Head Length mm	4.5
order #	Z277-...ADJ I023

■ Zirconia Crown Cutting: ZirconIT™ ZRT burs

ZirconIT™ ZRT Diamonds are engineered for removing zirconia crowns while offering better performance and less cutting time.

Z141 CROWN CUTTER

■ ROUND END CYLINDER



Head Diameter 1/10mm	012	014
Head Length mm	8.0	8.0
order #	Z141-...ZRT	I012 I014

Z198 CROWN CUTTER

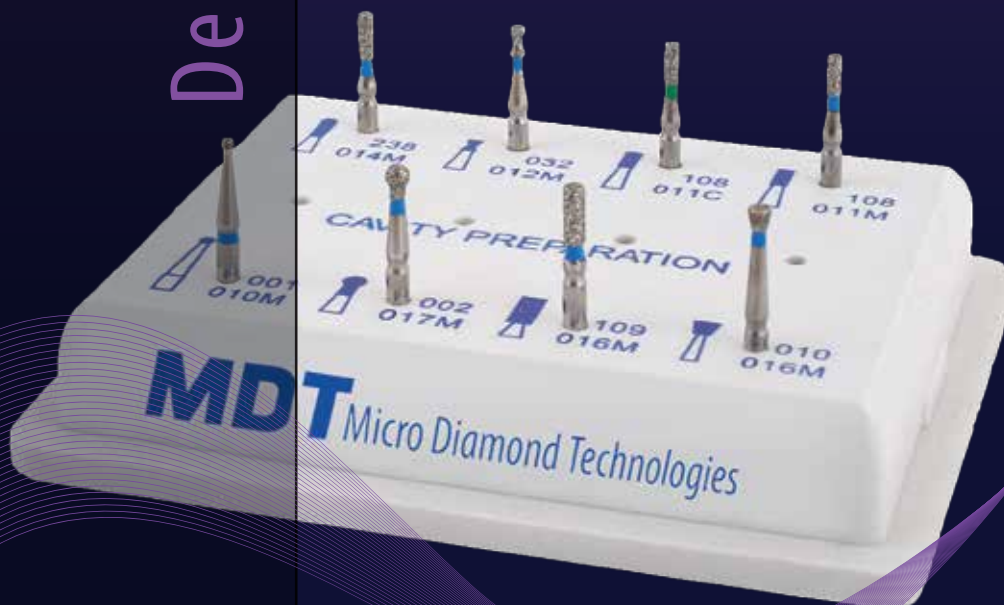
■ ROUND END TAPER



Head Diameter 1/10mm	016
Head Length mm	8.0
order #	Z198-...ZRT I016



Dental Kits



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	Football
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



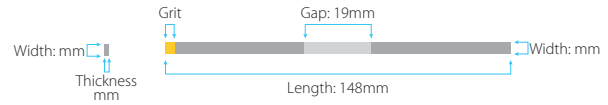
Finishing Strips

- Diamond Coated Stainless Steel
- Autoclavable & Sterilizable





82 Finishing Strips



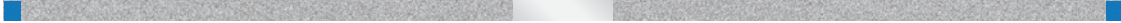
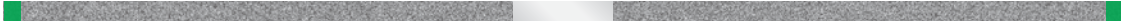
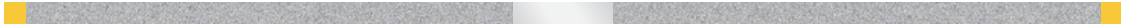
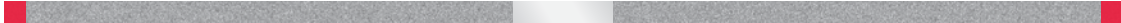
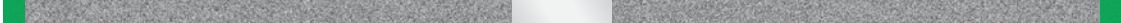
PERFORATED

Single Sided Diamond Finishing Strips

	Order #	Grit	Length	Thickness	Width
W / 2.5 mm	SSP-25XF	XF	148.0	0.11	2.5
	SSP-25F	F	148.0	0.12	2.5
	SSP-25M	M	148.0	0.14	2.5
W / 4.0 mm	SSP-40XF	XF	148.0	0.11	4.0
	SSP-40F	F	148.0	0.12	4.0
	SSP-40M	M	148.0	0.14	4.0
W / 6.0 mm	SSP-60XF	XF	148.0	0.11	6.0
	SSP-60F	F	148.0	0.12	6.0
	SSP-60M	M	148.0	0.14	6.0
	SSP-60C	C	148.0	0.21	6.0

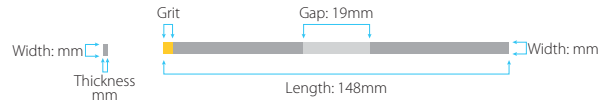


■ SOLID
Single Sided Diamond Strips

	Order #	Grit	Length	Thickness	Width
W / 2.5 mm	OSS-25XF	XF	148.0	0.11	2.5
					
	OSS-25F	F	148.0	0.12	2.5
					
	OSS-25M	M	148.0	0.14	2.5
					
	OSS-25C	C	148.0	0.21	2.5
					
W / 3.7 mm	OSS-37XF	XF	148.0	0.11	3.7
					
	OSS-37F	F	148.0	0.12	3.7
					
	OSS-37M	M	148.0	0.14	3.7
					
	OSS-37C	C	148.0	0.21	3.7
					



84 Finishing Strips



SOLID

Double Sided Diamond Strips

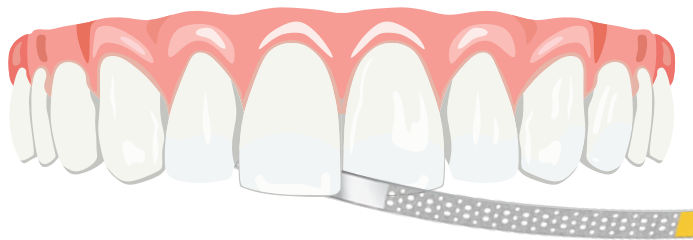
	Order #	Grit	Length	Thickness	Width
W / 2.5 mm	DSS-25M	M	148.0	0.21	2.5

W / 4.0 mm	DSS-40M	M	148.0	0.21	4.0
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SERRATED SAW

One Sided

	Order #	Length	Thickness	Width
W / 6.0 mm	SBS-000	150.0	0.05	6.0



Diamond Coated Stainless Steel Flexible Strips

- No sharp edges
- Uniform diamond coating
- Color coded with grit
- Autoclavable & Sterilizable for prolonged efficiency
- 10 strips per pack
- All Strips with 19mm Gap

Dental Rotary Instruments

Polishine[®] Polishers



Polishine®



DCP

Daisy Contour Polishine®

New generation of open shape
durable polishers with flexible lamellae

Daisy™ Contour Polishine
works flawlessly and extremely
fast on both anterior and posterior restorations.

Daisy™ delivers a superb gloss and last much longer than any polisher.

The lamellae easily adapt to the surface structure, significantly
increasing the contact area to the material.

This ensures a constant air supply and reduces
frictional heat arising.



Order #	DCP14SF	DCP14HG
Dimensions ø X L1	14 X 1.6	14 X 1.6
Color	Pink	Light Green
Grit	■ M	■ F
Recommended RPM	3,000 - 8,000	



Order #	DZP14SF	DZP14HG
Dimensions ø X L1	14 X 1.6	14 X 1.6
Color	Green	Orange
Grit	■ M	■ F
Recommended RPM	7,000 - 10,000	



Order #	DLP14SF	DLP14HG
Dimensions ø X L1	14 X 1.6	14 X 1.6
Color	Brown	Yellow
Grit	■ M	■ F
Recommended RPM	7,000 - 10,000	

Composite

2-step polisher for high shine on all composite materials.

Polishers specifically adapted to each processing step.

Best results even on very hard composites.

Zirconia, Alumina

Especially suitable for full contour zirconia restorations.

High diamond concentration for more efficiency.

Makes glazing unnecessary.

Lithium Disilicate

Especially suitable for silicate porcelain.

Diamond grit for high efficiency.

Polishing result matches glazing.



88 Polishing System

Polishine®

PLU

Universal Polishing System

Including Autoclavable Bur Block

KIT PLU - Universal Polishing System

2 steps kit

1st - Silk Finish : Brown

2nd - Hi Gloss Polishing - Green

Special mix of Synthetic rubber with selected abrasives for preparation and High Gloss polishing of Precious Metals and Amalgam

Pack of: 3+3

Autoclavable 135°C

RA SS shanks

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

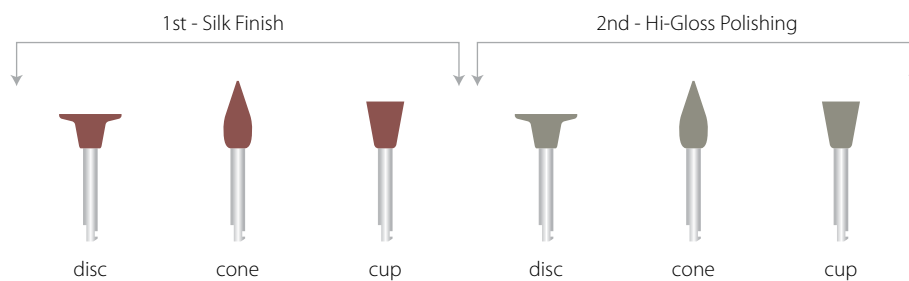
2nd step rec RPM: 7,000-12,000. Max. 20,000



Order No. kit PLU

■ +FREE BUR BLOCK

Universal



Item #	PLU 101SF	PLU 510SF	PLU 675SF	PLU 101HG	PLU 510HG	PLU 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	Brown	Brown	Brown	Green	Green	Green
Grit	■ M	■ M	■ M	■ F	■ F	■ F
Recommended RPM	7,000 - 12,000	7,000 - 12,000	7,000 - 12,000	7,000 - 12,000	7,000 - 12,000	7,000 - 12,000

Polishine®

PLC

Composite Polishing System

Including Autoclavable Bur Block

KIT PLC - Composite Polishing System

2 steps Set

1st - Silk Finish : Light Yellow

2nd - Hi Gloss Polishing - Light Green

Hard Elastic flexible polymer for long-lasting silk surface followed by High Gloss shiny finish of Composite.

Pack of: 3+3

Autoclavable 135°C

RA SS shanks

1st step rec. RPM: 7,000-10,000. Max. 20,000

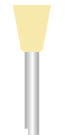
2nd step rec RPM: 7,000-10,000. Max. 20,000



Order No. kit PLC

■ +FREE BUR BLOCK

Composite

	1st - Silk Finish			2nd - Hi-Gloss Polishing		
						
	disc	cone	cup	disc	cone	cup
Item #	PLC 101SF	PLC 510SF	PLC 675SF	PLC 101HG	PLC 510HG	PLC 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	Light Yellow	Light Yellow	Light Yellow	Light Green	Light Green	Light Green
Grit	■ M	■ M	■ M	■ F	■ F	■ F
Recommended RPM	7,000-10,000	7,000-10,000	7,000-10,000	7,000-10,000	7,000-10,000	7,000-10,000



90 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

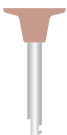
2nd step rec RPM: 7,000-10,000. Max. 20,000



Order No. kit PLZ

■ +FREE BUR BLOCK

Zirconia

	1st - Silk Finish			2nd - Hi-Gloss Polishing		
						
	disc	cone	cup	disc	cone	cup
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 (ZrO₂) 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

	1st - Silk Finish			2nd - Hi-Gloss Polishing		
						
	disc	cone	cup	disc	cone	cup
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 IVOCAR VIVADENT, Inc.



MDT TC, Tungsten Carbide burs, are designed to function smoothly in the Dental Clinical and the Dental Laboratory.

Raw materials are selected carefully to ensure the maximum cutting tip hardness and neck strength of each bur to prevent the risk of breakage during use and provide the desired results.

MDT Tungsten Carbide burs for the Clinic are available in a wide variety of shapes for cutting, shaping, finishing and deburring applications, removal of old fillings, cavity and crown procedures.

MDT Crown Cutters are engineered for optimal efficiency in your hands during Porcelain-Fused-to-Metal(PFM) crown cutting.

Dental Rotary Instruments

Carbide





94 Carbide

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

FG CARBIDE - OPERATIVE



ROUND

FG.TC

	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
	FG.TC 1/4	500 314 001 010 005	FG.TC0001/4	005	0.4
	FG.TC 1/2	500 314 001 010 006	FG.TC0001/2	006	0.5
	FG.TC 1	500 314 001 010 008	FG.TC000001	008	0.7
	FG.TC 2	500 314 001 010 010	FG.TC000002	010	0.8
	FG.TC 3	500 314 001 010 012	FG.TC000003	012	0.9
	FG.TC 4	500 314 001 010 014	FG.TC000004	014	1.1
	FG.TC 5	500 314 001 010 016	FG.TC000005	016	1.4
	FG.TC 6	500 314 001 010 018	FG.TC000006	018	1.6
	FG.TC 7	500 314 001 010 021	FG.TC000007	021	1.7
	FG.TC 8	500 314 001 010 023	FG.TC000008	023	1.9



INVERTED CONE

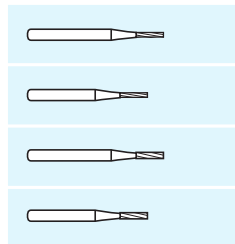
FG.TC

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



FLAT FISSURE Plain Cut

■ FG.TC

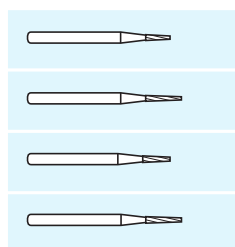


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC 56	500 314 107 006 008	FG.TC000056	008	3.2
FG.TC 57	500 314 107 006 010	FG.TC000057	010	3.8
FG.TC 57L long head	500 314 110 006 010	FG.TC00057L	010	4.9
FG.TC 58	500 314 107 006 012	FG.TC000058	012	3.8



TAPERED FISSURE Plain Cut

■ FG.TC

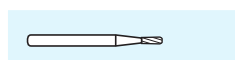


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC 169	500 314 168 006 009	FG.TC000169	009	3.4
FG.TC 169L long head	500 314 171 006 009	FG.TC00169L	009	4.7
FG.TC 170	500 314 168 006 010	FG.TC000170	010	3.8
FG.TC 170L long head	500 314 171 006 010	FG.TC00170L	010	4.9



AMALGAM PREP

■ FG.TC

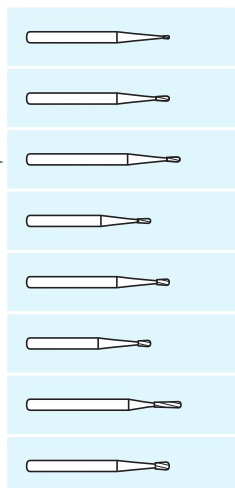


Item	ISO	order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC 245	500 314 234 006 008	FG.TC000245	008	2.7



PEAR

FG.TC



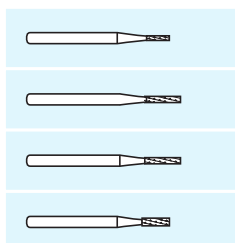
New

Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC 329	500 314 237 006 006	FG.TC000329	006	0.9
FG.TC 330	500 314 237 006 008	FG.TC000330	008	1.9
FG.TC 330L	500 314 237 006 008	FG.TC000330L	008	2.8
FG.TC 330SS short	500 313 238 006 008	FG.TC0330SS	008	1.9
FG.TC 331	500 314 237 006 010	FG.TC000331	010	1.8
FG.TC 331SS short	500 313 237 006 010	FG.TC0331SS	010	1.8
FG.TC 331L long head	500 314 238 006 010	FG.TC00331L	010	3.7
FG.TC 332	500 314 237 006 012	FG.TC000332	012	2.0



STRAIGHT FLAT END FISSURE Cross Cut

FG.TC

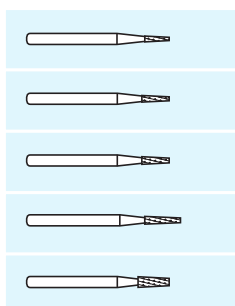


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC 556	500 314 107 007 008	FG.TC000556	008	3.2
FG.TC 557	500 314 107 007 010	FG.TC000557	010	3.8
FG.TC 557L long head	500 314 110 007 010	FG.TC00557L	010	4.9
FG.TC 558	500 314 107 007 012	FG.TC000558	012	3.8



TAPERED FLAT END FISSURE Cross Cut

FG.TC

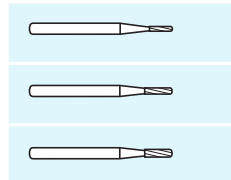


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC 699	500 314 168 007 009	FG.TC000699	009	3.4
FG.TC 700	500 314 168 007 010	FG.TC000700	010	3.8
FG.TC 701	500 314 168 007 012	FG.TC000701	012	3.8
FG.TC 701L long head	500 314 171 007 012	FG.TC00701L	012	4.9
FG.TC 702	500 314 168 007 016	FG.TC000702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



DOMED FISSURE Plain Cut

■ FG.TC

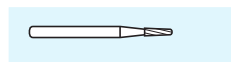


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG. TC 1156	500 314 137 006 008	FG.TC001156	008	3.2
FG. TC 1157	500 314 137 006 010	FG.TC001157	010	3.8
FG. TC 1158	500 314 137 006 012	FG.TC001158	012	3.8



TAPERED FISSURE 8 Flutes

■ FG.TC

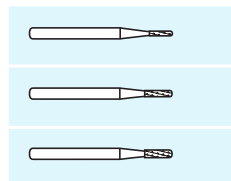


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG. TC 1171	500 314 194 006 012	FG.TC001171	012	3.8



DOMED FISSURE Cross Cut

■ FG.TC

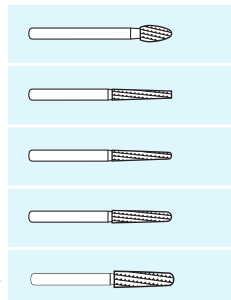


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG. TC 1556	500 314 137 007 008	FG.TC001556	008	3.2
FG. TC 1557	500 314 137 007 010	FG.TC001557	010	3.8
FG. TC 1558	500 314 137 007 012	FG.TC001558	012	3.8



CROWN PREP

■ FG.TC



Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG. TC 37923 FOOTBALL	500 314 277 007 023	FG.TC037923	023	4.3
FG. TC 84716 FLAT END TAPER	500 314 172 007 016	FG.TC084716	015	8.0
FG. TC 85616 ROUND END TAPER	500 314 546 007 016	FG.TC085616	015	8.0
FG. TC 85618 ROUND END TAPER	500 314 546 007 018	FG.TC085618	018	8.0
FG.TC 85623 ROUND END TAPER	500 314 546 007 023	FG.TC085623	023	8.0

New



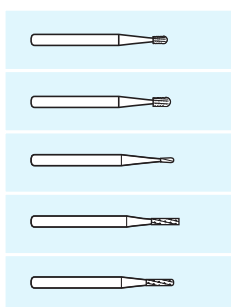
98 Carbide

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



METAL / CROWN CUTTERS

FG.TC

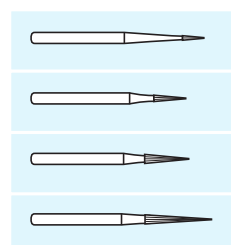


Item	Order #	Head Ø 1/10 mm	Head Length L1 mm
KC1 KwikCut®	FG.TC000KC1	010	1.9
KC2 KwikCut®	FG.TC000KC2	012	4.0
FG.TC KC 330	FG.TCKC000330	008	2.0
FG.TC KC 557	FG.TCKC000557	010	3.7
FG.TC KC 1557	FG.TCKC001557	010	3.9



ESTHETIC FINISHERS 10 Straight Blades

FG.TC

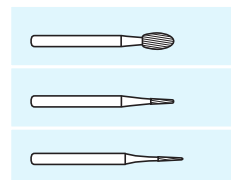


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC EF3	500 315 699 071 008	FG.TC000EF3	008	3.0
FG.TC EF4	500 314 159 071 010	FG.TC000EF4	010	4.2
FG.TC EF6	500 314 164 071 014	FG.TC000EF6	014	6.0
FG.TC EF9	500 315 166 071 014	FG.TC000EF9	014	9.0



ESTHETIC FINISHERS 12 Blades

FG.TC

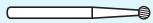
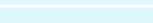
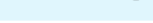
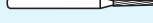
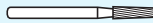
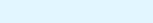
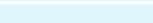


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC OS1 EGG	500 314 277 072 023	FG.TC000OS1	023	4.3
FG.TC OS2 BULLET	500 314 195 071 009	FG.TC000OS2	009	3.2
FG.TC OS3 BULLET	500 314 195 071 007	FG.TC000OS3	007	3.2



TRIMMING & FINISHING 12 Blades

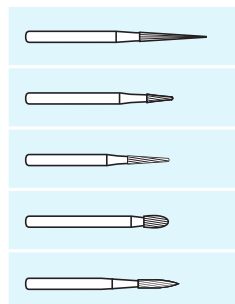
■ FG.TC

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



FINE TRIMMING & FINISHING 30 Blades

FG.TC



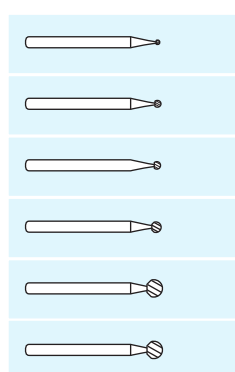
Item	order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC EF9UF Safe End Esthetic Finisher	FG.TC0EF9UF	014	9.0
FG.TC9103UF Interproximal	FG.TC9103UF	012	3.6
FG.TC 9214UF Pointed taper	FG.TC9214UF	010	5.6
FG.TC 9406UF Egg	FG.TC9406UF	018	3.4
FG.TC 9903UF Needle	FG.TC9903UF	012	5.5

FG CARBIDE - SURGICAL



ROUND

FG.TC Surgical

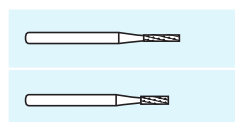


Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
FG.TC 1/2SL	500 316 001 010 006	FG.TC1/2SL	006	0.6
FG.TC 1SL	500 316 001 010 008	FG.TC001SL	008	0.8
FG.TC 2SL	500 316 001 010 010	FG.TC002SL	010	1.0
FG.TC 4SL	500 316 001 010 014	FG.TC004SL	014	1.4
FG.TC 6SL	500 316 001 010 018	FG.TC006SL	018	1.8
FG.TC 8SL	500 316 001 010 023	FG.TC008SL	023	2.3



STRAIGHT FLAT END FISSURE Cross Cut

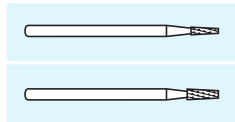
FG.TC Surgical



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



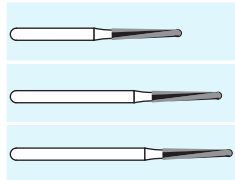
TAPERED FISSURE Cross Cut

■ **FG.TC** Surgical

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



ZEKRYA

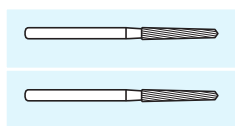
■ **FG.TC** Surgical

New

Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
151-Z (23mm OAL)	500 315 199 336 016	151-Z	016	11.0
151M-Z (25mm OAL)	500 316 199 336 016	151M-Z	016	11.0
151L-Z (28mm OAL)	500 317 199 336 016	151L-Z	016	11.0

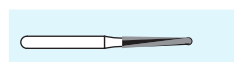


LINDEMANN

■ **FG.TC** Surgical

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

FG CARBIDE - ENDO ACCESS

■ **FG.TC** Endo

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

RA CARBIDE - OPERATIVE



ROUND

RA. TC

	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
	RA. TC 1/2	500 204 001 010 006	RA.TC001/2	006	0.5
	RA. TC 1	500 204 001 010 008	RA.TC0001	008	0.7
	RA. TC 2	500 204 001 010 010	RA.TC0002	010	0.8
	RA. TC 3	500 204 001 010 012	RA.TC0003	012	0.9
	RA. TC 4	500 204 001 010 014	RA.TC0004	014	1.1
	RA. TC 5	500 204 001 010 016	RA.TC0005	016	1.4
	RA. TC 6	500 204 001 010 018	RA.TC0006	018	1.6
	RA. TC 7	500 204 001 010 021	RA.TC0007	021	1.7
	RA. TC 8	500 204 001 010 023	RA.TC0008	023	1.9



INVERTED CONE

RA. TC

	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
	RA. TC 34	500 204 010 010 008	RA.TC0034	008	0.6
	RA. TC 35	500 204 010 010 010	RA.TC0035	010	0.8
	RA. TC 36	500 204 010 010 012	RA.TC0036	012	1.0

RA CARBIDE - SURGICAL



ROUND

RA. TC

	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
	RA. TC 2SL	500 205 001 010 010	RA.TC002SL	010	0.8
	RA. TC 4SL	500 205 001 010 014	RA.TC004SL	014	1.1
	RA. TC 6SL	500 205 001 010 018	RA.TC006SL	018	1.6
	RA. TC 8SL	500 205 001 010 023	RA.TC008SL	023	1.9

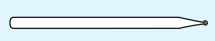
HP CARBIDE - SURGICAL



ROUND

HP. TC

New



Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
HP. TC 1/2	500 104 001 010 006	HP.TC001/2	006	0.5
HP. TC 1	500 104 001 010 008	HP.TC00001	008	0.7
HP. TC 2	500 104 001 010 010	HP.TC00002	010	0.8
HP. TC 3	500 104 001 010 012	HP.TC00003	012	1.0
HP. TC 4	500 104 001 010 014	HP.TC00004	014	1.2
HP. TC 5	500 104 001 010 016	HP.TC00005	016	1.4
HP. TC 6	500 104 001 010 018	HP.TC00006	018	1.6
HP. TC 7	500 104 001 010 021	HP.TC00007	021	1.8
HP. TC 8	500 104 001 010 023	HP.TC00008	023	1.9
HP. TC 10	500 104 001 010 027	HP.TC00010	027	2.4

New



New



New



New



New



STRAIGHT FLAT END FISSURE Cross Cut

HP. TC

New



New



Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
HP. TC 557	500 104 107 007 010	HP.TC00557	010	3.8
HP. TC 559	500 104 107 007 014	HP.TC00559	014	3.8
HP. TC 560	500 104 107 007 016	HP.TC00560	016	4.2
HP. TC 563L	500 104 107 007 023	HP.TC0563L	023	5.9

HP CARBIDE - SURGICAL



TAPERED FISSURE Cross Cut

HP. TC

	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
New	HP. TC 699	500 104 168 007 009	HP.TC00699	009	3.4
	HP. TC 701	500 104 168 007 012	HP.TC00701	012	3.8
New	HP. TC 701L	500 104 170 007 012	HP.TC00701L	012	4.9
	HP. TC 702	500 104 168 007 016	HP.TC00702	016	4.3
New	HP. TC 702L	500 104 170 007 016	HP.TC00702L	016	5.8
	HP. TC 703	500 104 168 007 021	HP.TC00703	021	4.8
New	HP. TC 703L	500 104 170 007 021	HP.TC00703L	021	6.5



DOMED FISSURE Cross Cut

HP. TC

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



DOMED TAPER FISSURE Cross Cut

HP. TC

	Item	ISO	Order #	Head Ø 1/10 mm	Head Length L1 mm
	HP. TC 1702	500 104 194 007 016	HP.TC01702	016	4.4
	HP. TC 1703	500 104 194 007 021	HP.TC01703	021	5.0
	HP. TC 1703L	500 104 197 007 021	HP.TC1703L	021	7.0

Packaging Gallery



Polishers

Including Special Resin
Autoclavable organizer



RA/CA + FG Bur Block

Special Resin Autoclavable
6 RA/CA + 9 FG Holes



Dr. Friendly®

Sterile Diamonds Individually packed
- 25 burs per box



STERILE R

Bur Block

Aluminum Autoclavable
15 FG holes



Slider box

5/10, FG/RA
Multi Use Diamonds/Carbides



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



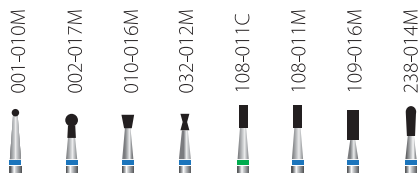
KIT #01S
STERILE R
Crown Preparation Set

Contains 8 Sterile FG Diamond burs for

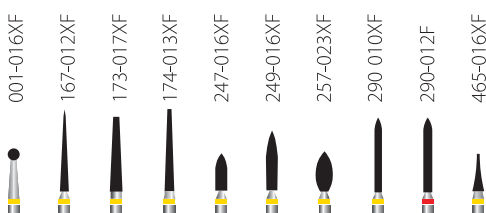
- Beveling margins
- Shoulder preparation
- Interproximal finishing
- Final finishing
- Crown preparation


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

Round


001

801
801L

Crown preparation

Round with Collar


002

802

Crown preparation

Inverted Cone

short head


010

805

Removal of old fillings
Cavity preparation

Inverted Cone with collar


019

806

Removal of old fillings
Cavity preparation

Diablo


032

813

Removal of old fillings
Cavity preparation

Barrel


038
039
811

Crown preparation
Occlusal contouring
Contouring+Finishing

Wheel


041
067
068
815
909

Crown preparation
Occlusal contouring

Wheel with shoulder


055

824

Cavity preparation

Flat End Cylinder


108
109
110
111
112

835

Removal of old fillings
Cavity preparation
Crown preparation
Inlay/Onlay preparation

Beveled Cylinder


129
130
131

884

885

886

Crown preparation
Removal of old fillings

Round End Cylinder

short head


138
139

838

Removal of old fillings
Cavity preparation
Crown preparation
Ceramic Restorations
Inlay/Onlay preparation

Round End Cylinder


140
141

880

881

Removal of old fillings
Cavity preparation
Crown preparation
Ceramic Restorations
Inlay/Onlay preparation

End Cutting Cylinder


150

839

Cavity preparation
Crown preparation

Round Edge Cylinder


156
158

835 KR

837 KR

Removal of old fillings
Cavity preparation
Crown preparation
Ceramic Restorations
Inlay/Onlay preparation

Pointed Cone


164
165
166
167

852

858

859

Crown preparation
Surface Finishing

Flat End Taper

short head


169
170

845

Cavity preparation
Inlay/Onlay preparation

Flat End Taper



171
172
173
174
846

Removal of old fillings
Cavity preparation
Crown preparation
Inlay/Onlay preparation

Round End Taper



196
197
198
199
200

Removal of old fillings
Crown preparation
Laminate Preparation

849
855
856
850

Inverted Cone



225
226
233
234
807
830
830L

Cavity preparation
Occlusal contouring

Pear



237
238
830R
830RL

Removal of old fillings
Cavity preparation
Inlay/Onlay preparation

Flame



248
249
250
860
861
862

Crown preparation
Inlay/Onlay preparation

Bud



257
368

Occlusal contouring
Crown preparation
Contouring & Finishing

Egg



277
379

Crown preparation
Contouring & Finishing
Occlusal contouring

Torpedo



288
289
290
877
878
879

Removal of old fillings
Crown preparation

Gingival Curettage



297
297
299
877K
878K
879K

Cavity preparation
Crown preparation

Lenticular



304
825

Crown preparation

Interdental



465
392

Crown preparation
Surface Finishing

Guide Pin



508C
508T

Crown preparation

Gross Reduction



Cylinder
511
512
513
514
Taper

Crown preparation

Flame Needle



short head
536
539
540
883
883
889

Crown preparation
Surface Finishing

Round Edge Taper



544
545
546
552
834
845 KR
846 KR
847 KR

Cavity preparation
Inlay/Onlay preparation

Depth Marker



552
834

Crown preparation
Laminate Preparation

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146	883	ROUND END CYLINDER	22
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512	RC7	GROSS REDUCTION CYLINDER	39
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519	RT8	GROSS REDUCTION TAPER	40
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835	109	FLAT END CYLINDER	18,19
835KR	156	ROUND EDGE CYLINDER	23
836	110	FLAT END CYLINDER	19
836KR	157	ROUND EDGE CYLINDER	23
837	111	FLAT END CYLINDER	19,20
837KR	158	ROUND EDGE CYLINDER	23
837L	112	FLAT END CYLINDER	20
838	138	ROUND END CYLINDER	21
838	139	ROUND END CYLINDER	21
839	150	END CUTTING CYLINDER	22
845	169	FLAT END TAPER	25

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845	170	FLAT END TAPER	26
845KR	544	ROUND EDGE TAPER	41
846	171	FLAT END TAPER	26
846KR	545	ROUND EDGE TAPER	41
847	172	FLAT END TAPER	26,27
847KR	546	ROUND EDGE TAPER	42
848	173	FLAT END TAPER	27
848KR	553	ROUND EDGE TAPER	46
848L	174	FLAT END TAPER	28
849	196	ROUND END TAPER	28
850	199	ROUND END TAPER	30
850L	200	ROUND END TAPER	31
851	161	POINTED CONE	23,24
852	164	POINTED CONE	24
855	197	ROUND END TAPER	29
856	198	ROUND END TAPER	29,30
856L	198L	ROUND END TAPER	30
858	165	POINTED CONE	24
859	166	POINTED CONE	25
859L	167	POINTED CONE	25
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860	246	FLAME	33
860	247	FLAME	33
861	248	FLAME	33,34
862	249	FLAME	34
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877	288	TORPEDO	36
877K	297	GINGIVAL CURETTAGE	37
878	289	TORPEDO	36,37
878K	298	GINGIVAL CURETTAGE	37,38
879	290	TORPEDO	37
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880	140	ROUND END CYLINDER	21
881	141	ROUND END CYLINDER	22

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883	146	ROUND END CYLINDER	22
----	190	OGIVAL SAFE END	28
----	195	ROUND EDGE TAPER	28
----	216	SAFE END	31
----	218	SAFE END	31
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----	E164	ENDO ACCESS	72
----	E165	ENDO ACCESS	72
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----	508C	GUIDE PIN CYLINDER	39
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883S	536	FLAME NEEDLE short head	40
884	129	BEVELED CYLINDER	20
885	130	BEVELED CYLINDER	20
886	131	BEVELED CYLINDER	20
888	496	POINTED FLAME	39
889	540	FLAME NEEDLE short head	41
890	159	POINTED CONE	23
899	033	POINTED BUD	17
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RC8	513	GROSS REDUCTION CYLINDER	39
RC9	514	GROSS REDUCTION CYLINDER	40
RT4	516	GROSS REDUCTION TAPER	40
RT6	517	GROSS REDUCTION TAPER	40
RT8	519	GROSS REDUCTION TAPER	40
RT9	521	GROSS REDUCTION TAPER	40

Lab Dental Instruments



Dental Discs



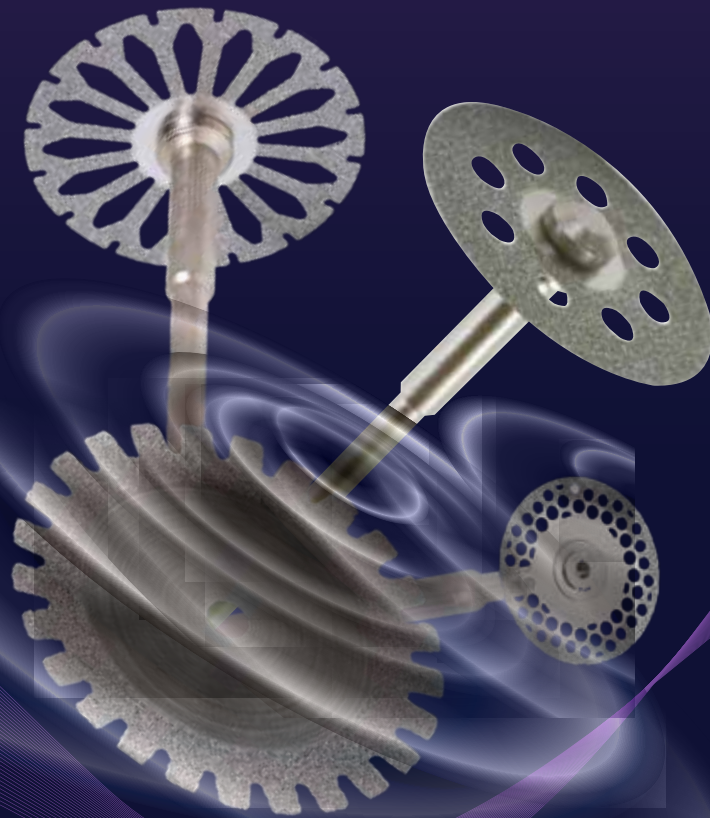
HP Pins & Burs



Carbide Cutters

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327	918	semi flex	double sided	121
328	917	semi flex	single sided	122
329	916	semi flex	single sided	122
332	911H	semi flex	double sided- perforated	124
335	918H	semi flex	double sided- perforated	124
336	917H	semi flex	single sided- perforated	125
337	916H	semi flex	single sided- perforated	125
351	917H	semi flex	single sided- perforated	125
352	916H	flex	single sided- perforated	126
340	910	flex	double sided	118
341	913	flex	single sided	119
342	912	flex	single sided	120
345	918	flex	double sided	121
346	917	flex	single sided	122
347	916	flex	single sided	123
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355	910	super flex	double sided	126
356	913	super flex	single sided	119
357	912	super flex	single sided	120
358	918	super flex	double sided	120
359	918	super flex	single sided	121
360	916	super flex	single sided	123
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377		flex	double sided - diagonally serrated	127
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401		super flex	double sided - curved slots	128

Dental Discs

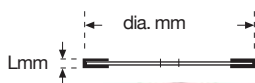




118 Dental Discs

910

Double Sided



ISO 321

Unmounted

Semi Flex

Thickness
mm

● F	0.45	321 514 220	321 514 190
● M	0.55	321 514 220	321 524 190



910

Double Sided

ISO 321

Mounted

Semi Flex

Riveted mandrel

● F	0.45	R04/321 514 220	R04/321 514 190
● M	0.55	R04/321 524 220	R04/321 524 190

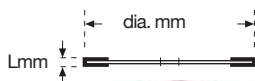
Screwed mandrel

● F	0.45	S04/321 514 220	S04/321 514 190
● M	0.55	S04/321 524 220	S04/321 524 190



910

Double Sided



ISO 340

Unmounted

Flex

Thickness
mm

● F	0.30	340 514 300	340 514 220
-----	------	-------------	-------------



910

Double Sided

ISO 340

Mounted

Flex

Riveted mandrel

● F	0.30	R04/340 514 300		R04/340 514 190
-----	------	-----------------	--	-----------------

Screwed mandrel

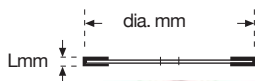
● F	0.30	S04/340 514 300	S04/340 514 220	R04/340 514 190
-----	------	-----------------	-----------------	-----------------



R04/340 514 100

910

Double Sided



ISO 340

Unmounted

Flex

Thickness
mm

● F	0.30	340 514 190	340 514 100
-----	------	-------------	-------------



910

Double Sided

ISO 340

Mounted

Flex

Riveted mandrel

● F	0.30	R04/340 514 100		
● XF	0.20	R04/340 504 100	R04/340 504 080	R04/340 504 065



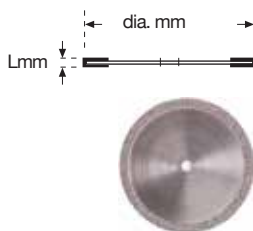
Illustration of mounted discs-mandrels are optional



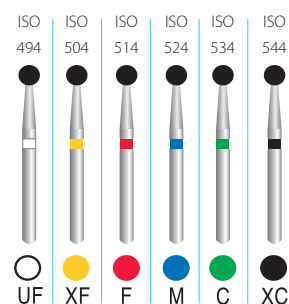
910
Double Sided

ISO 355
Unmounted
Super Flex

	Thickness mm				
● XF	0.17	335 504 220	335 504 190	355 504 180	355 504 100
● F	0.25	335 514 220	335 514 190		



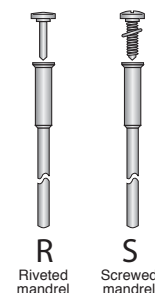
Diamond Grit



910
Double Sided

ISO 355
Mounted
Super Flex

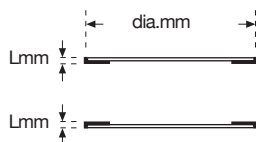
Riveted mandrel						
● XF	0.17	R04/355 504 220	R04/355 504 190	R04/355 504 180	R04/355 504 140	R04/355 504 100
● F	0.25	R04/355 514 220	R04/355 514 190	R04/355 514 180		
Screwed mandrel						
● XF	0.17	S04/355 504 220	S04/355 504 190			
● F	0.25	S04/355 514 220	S04/355 514 190			



913
Single Sided

ISO 341
Unmounted
Flex

	Thickness mm		
● F	0.20	341 514 220	341 514 190



913
Single Sided

ISO 341
Mounted
Flex

Riveted mandrel			
● F	0.20	R04/341 514 220	R04/341 514 190
Screwed mandrel			
● F	0.20	S04/341 514 220	S04/341 514 190





120 Dental Discs

912
Single Sided

ISO 342
Mounted
Flex

Riveted mandrel

● F	0.20	R04/342 514 220	R04/342 514 190
------------	------	-----------------	-----------------

Screwed mandrel

● F	0.20	S04/342 514 220	S04/342 514 190
------------	------	-----------------	-----------------

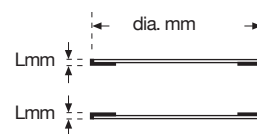


913
Single Sided

ISO 356
Unmounted
Super Flex

Thickness
mm

● XF	0.12	356 504 220	356 504 190	356 504 180
● F	0.15	356 514 220	356 514 190	356 514 180



913
Single Sided

ISO 356
Mounted
Super Flex

Riveted mandrel

● XF	0.12	R04/356 504 220	R04/356 504 190	R04/356 504 180
● F	0.15	R04/356 514 220	R04/356 514 190	R04/356 514 180

Screwed mandrel

● XF	0.12	S04/356 504 220	S04/356 504 190	S04/356 504 180
● F	0.15	S04/356 514 220	S04/356 514 190	S04/356 514 180



912
Single Sided

ISO 357
Mounted
Super Flex

Riveted mandrel

● XF	0.12	R04/357 504 220	R04/357 504 190	R04/357 504 180
● F	0.15	R04/357 514 220	R04/357 514 190	R04/357 514 180

Screwed mandrel

● XF	0.12	S04/357 504 220	S04/357 504 190	S04/357 504 180
● F	0.15	S04/357 514 220	S04/357 514 190	S04/357 514 180



Mandrels and Mountings



MDT Riveted discs
are autoclavable for
convenience &
efficiency

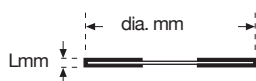


Screwed
Mandrel

Illustration of mounted discs-mandrels are optional



918
Double Sided



ISO 327
Unmounted
Semi Flex



	Thickness mm			
● F	0.45	327 514 220	327 514 190	
● M	0.55	327 524 220	327 524 190	
● C	0.60	327 534 220		
● XC	0.65	327 544 220		

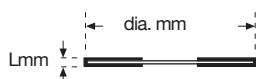
918
Double Sided

ISO 327
Mounted
Semi Flex



Riveted mandrel				
● XF	0.17	R04/327 514 220	R04/327 514 190	
● F	0.45	R04/327 514 220	R04/327 514 190	
● M	0.55	R04/327 524 220	R04/327 524 190	
Screwed mandrel				
● F	0.45	S04/327 514 220	S04/327 514 190	
● M	0.55	S04/327 524 220	S04/327 524 190	
● C	0.60	S04/327 534 220		
● XC	0.65	S04/327 544 220		

918
Double Sided



ISO 345
Unmounted
Flex



	Thickness mm			
○ UF	0.25	345 494 220		
● XF	0.16	345 504 220		
● F	0.30	345 514 220	345 514 190	345 514 180
● M	0.40	345 524 220	345 524 190	

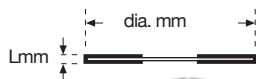
918
Double Sided

ISO 345
Mounted
Flex



Riveted mandrel				
● F	0.30	R04/345 514 220	R04/345 514 190	R04/345 514 180
● M	0.40	R04/345 524 220	R04/345 524 190	
Screwed mandrel				
○ UF	0.16	S04/345 494 220		
● F	0.30	S04/345 514 220	S04/345 514 190	S04/345 514 180
● M	0.40	S04/345 524 220	S04/345 524 190	

918
Double Sided



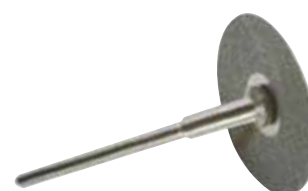
ISO 358
Unmounted
Super Flex



	Thickness mm		
● XF	0.16	358 504 220	358 504 190

918
Double Sided

ISO 358
Mounted
Super Flex



Riveted mandrel			
● XF	0.17	R04/358 504 220	R04/358 504 190
Screwed mandrel			
● XF	0.17	S04/358 504 220	S04/358 504 190



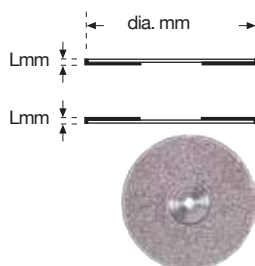
122 Dental Discs

917
Single Sided

ISO 328
Unmounted
Semi Flex

Thickness
mm

● F	0.45	328 514 220	328 514 190
● M	0.55	328 524 220	328 524 190

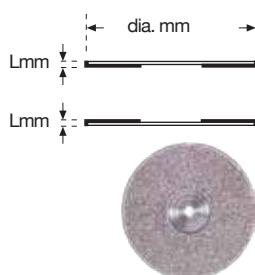


916
Single Sided

ISO 329
Unmounted
Semi Flex

Thickness
mm

● M	0.40	329 524 180	
-----	------	-------------	--

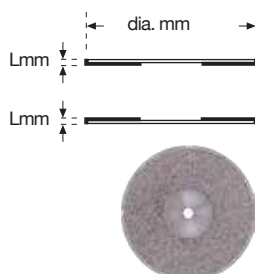


917
Single Sided

ISO 346
Unmounted
Flex

Thickness
mm

● XF	0.18	346 504 220		
● F	0.20	346 514 220	346 514 190	346 514 180
● M	0.25	346 524 220	346 524 190	



917
Single Sided

ISO 328
Mounted
Semi Flex

Riveted mandrel

● F	0.35	R04/328 514 220	R04/328 514 190
● M	0.40	R04/328 524 220	R04/328 524 190

Screwed mandrel

● F	0.35	S04/328 514 220	S04/328 514 190
● M	0.40	S04/328 524 220	S04/328 524 190



916
Single Sided

ISO 329
Mounted
Semi Flex

Riveted mandrel

● F	0.35	R04/329 514 220	R04/329 514 190	R04/329 514 180
● M	0.40	R04/329 524 220	R04/329 524 190	

Screwed mandrel

● F	0.35	S04/329 514 220	S04/329 514 190	S04/329 514 180
● M	0.40	S04/329 524 220	S04/329 524 190	



917
Single Sided

ISO 346
Mounted
Flex

Thickness
mm

Riveted mandrel

● XF	0.18	R04/346 504 220		
● F	0.20	R04/346 514 220	R04/346 514 190	R04/346 514 180
● M	0.25	R04/346 524 220	R04/346 524 190	

Screwed mandrel

● XF	0.18	S04/346 504 220		
● F	0.20	S04/346 514 220	S04/346 514 190	S04/346 514 180
● M	0.25	S04/346 524 220	S04/346 524 190	

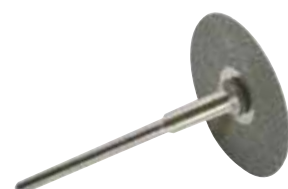
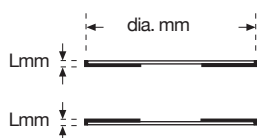


Illustration of mounted discs-mandrels are optional



916
Single Sided

ISO 347
Unmounted
Flex



Thickness mm			
● F	0.20	347 514 180	

916
Single Sided

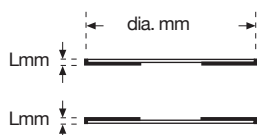
ISO 347
Mounted
Flex



Riveted mandrel				
● F	0.35	R04/347 514 220	R04/347 514 190	R04/347 514 180
● M	0.40	R04/347 524 220	R04/347 524 190	
Screwed mandrel				
● F	0.35	S04/347 514 220	S04/347 514 190	S04/347 514 180
● M	0.40	S04/347 524 220	S04/347 524 190	

918
Single Sided

ISO 359
Unmounted
Super Flex



Thickness mm				
● XF	0.12	359 504 220	359 504 190	359 504 080

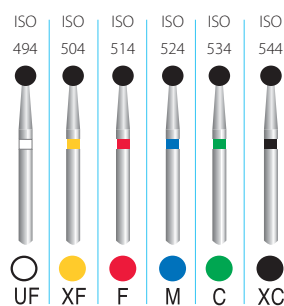
918
Single Sided

ISO 359
Mounted
Super Flex



Riveted mandrel				
● XF	0.12	R04/359 504 220	R04/359 504 190	R04/359 504 080
Screwed mandrel				
● XF	0.12	S04/359 504 220	S04/359 504 190	S04/359 504 080

Diamond Grit



916
Single Sided

ISO 360
Mounted
Super Flex

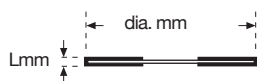


Riveted mandrel				
● XF	0.12	R04/360 504 220	R04/360 504 190	R04/360 504 080
Screwed mandrel				
● XF	0.12	S04/360 504 220	S04/360 504 190	S04/360 504 080



124 Dental Discs

911H
Double Sided
Perforated

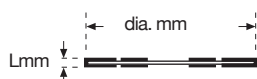


ISO 332
Unmounted
Semi Flex



	Thickness mm			
● F	0.45	332 514 220	332 514 190	
● M	0.55	332 524 220	332 524 190	

918H
Double Sided
Perforated

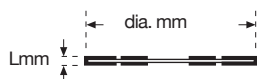


ISO 335
Unmounted
Semi Flex



	Thickness mm			
● F	0.45	335 514 220	335 514 190	
● M	0.55	335 524 220	335 524 190	
● C	0.60	335 534 220	335 534 190	

918H
Double Sided
Perforated



ISO 350
Unmounted
Flex



	Thickness mm			
● F	0.30	350 514 220	350 514 190	
● M	0.40	350 524 220	350 524 190	

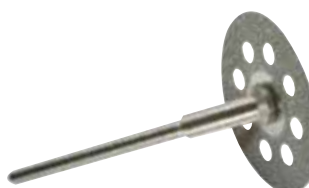
911H
Double Sided
Perforated



ISO 332
Mounted
Semi Flex

Riveted mandrel				
● F	0.45	R04/332 514 220	R04/332 514 190	
● M	0.55	R04/332 524 220	R04/332 524 190	
Screwed mandrel				
● F	0.45	S04/332 514 220	S04/332 514 190	
● M	0.55	S04/332 524 220	S04/332 524 190	

918H
Double Sided
Perforated



ISO 335
Mounted
Semi Flex

Riveted mandrel				
● F	0.45	R04/335 514 220	R04/335 514 190	
● M	0.55	R04/335 524 220	R04/335 524 190	
● C	0.60	R04/335 534 220	R04/335 534 190	
Screwed mandrel				
● F	0.45	S04/335 514 220	S04/335 514 190	
● M	0.60	S04/335 524 220	S04/335 524 190	
● C	0.45	S04/335 534 220	S04/335 534 190	

918H
Double Sided
Perforated



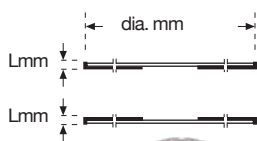
ISO 350
Mounted
Flex

Riveted mandrel				
● F	0.30	R04/350 514 220	R04/350 514 190	
● M	0.55	R04/350 524 220	R04/350 524 190	
Screwed mandrel				
● F	0.30	S04/350 514 220	S04/350 514 190	
● M	0.40	S04/350 524 220	S04/350 524 190	

Illustration of mounted discs-mandrels are optional



917H
Single Sided
Perforated



ISO 336
Unmounted
Semi Flex



	Thickness mm			
● F	0.35	336 514 220	336 514 190	
● M	0.40	336 524 220	336 524 190	

917H
Single Sided
Perforated



ISO 336
Mounted
Semi Flex

Riveted mandrel				
● F	0.35	R04/336 514 220	R04/336 514 190	
● M	0.40	R04/336 524 220	R04/336 524 190	
Screwed mandrel				
● F	0.35	S04/336 514 220	S04/336 514 190	
● M	0.40	S04/336 524 220	S04/336 524 190	

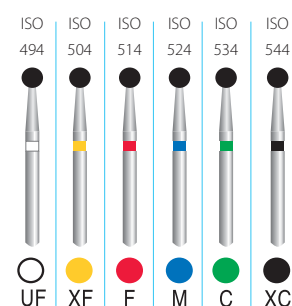
916H
Single Sided
Perforated



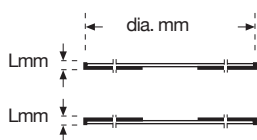
ISO 337
Mounted
Semi Flex

Riveted mandrel				
● F	0.35	R04/337 514 220	R04/337 514 190	
● M	0.40	R04/337 524 220	R04/337 524 190	
Screwed mandrel				
● F	0.35	S04/337 514 220	S04/337 514 190	
● M	0.40	S04/337 524 220	S04/337 524 190	

Diamond Grit



917H
Single Sided
Perforated



ISO 351
Unmounted
Semi Flex



	Thickness mm			
● F	0.20	351 514 220	351 514 190	

917H
Single Sided
Perforated



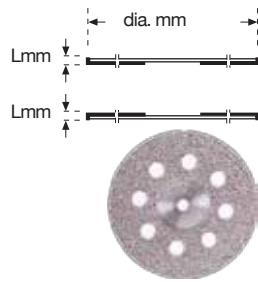
ISO 351
Mounted
Semi Flex

Riveted mandrel				
● F	0.35	R04/351 514 220	R04/351 514 190	
Screwed mandrel				
● F	0.35	S04/351 514 220	S04/351 514 190	



126 Dental Discs

916H
Single Sided
Perforated



ISO 352

**Mounted
Flex**

Riveted mandrel			
● F	0.20	R04/352 514 220	R04/352 514 190
Screwed mandrel			
● F	0.20	S04/352 514 220	S04/352 514 190

350PS
Double Sided
Perforated+Slotted

ISO 350PS

Flex

	Thickness mm		
● XF	0.25	350PS 504 220	
● F	0.30	350PS 514 220	

377
Double Sided
Diagonally Serrated



ISO 377

**Unmounted
Flex**

	Thickness mm		
● XF	0.25	377 504 300	377 504 220
● F	0.30		377 514 220

377
Double Sided
Diagonally Serrated

ISO 377

**Mounted
Flex**

Riveted mandrel			
● XF	0.25	R04/377 504 300	
Screwed mandrel			
● XF	0.25	S04/377 504 300	

390
Double Sided
Diagonally Slotted



ISO 390

Flex

	Thickness mm		
● XF	0.25	390 504 220	
● F	0.30	390 514 220	

379PS
Double Sided
Serrated & Slotted

ISO 379PS

Flex

	Thickness mm		
● XF	0.25	379PS 504 220	
● F	0.30	379PS 514 220	

365
Double Sided
Serrated Edge



ISO 365
Unmounted
Flex

Thickness mm			
● F	0.30	365 514 220	

365
Double Sided
Serrated Edge



ISO 365
Mounted
Flex

Riveted mandrel			
● F	0.30	R04/365 514 220	
Screwed mandrel			
● F	0.30	S04/365 514 220	

368
Serrated Edge



ISO 368
Unmounted
Flex

Thickness mm			
● XF	0.30	368 504 180	

368
Serrated Edge



ISO 368
Mounted
Flex

Riveted mandrel			
● XF	0.30	R04/368 504 180	
Screwed mandrel			
● XF	0.30	S04/368 504 180	

393
Double Sided
Oval Perforated



ISO 393
Unmounted
Flex

Thickness mm			
● F	0.25	393 514 220	

393
Double Sided
Oval Perforated



ISO 393
Mounted
Flex

Riveted mandrel			
● F	0.25	R04/393 514 220	
Screwed mandrel			
● F	0.25	S04/393 514 220	



128 Dental Discs

400
Double Sided
Open Mesh



ISO 400
Unmounted
Super Flex

	Thickness mm				
● XF	0.20		400 504 220	400 504 180	
● F	0.25	400 514 300	400 514 220		

400
Double Sided
Open Mesh



ISO 400
Mounted-RA rivited mandrel
Super Flex

	Rivited mandrel				
● XF	0.20	R24/400 504 180	R24/400 504 140	R24/400 504 100	

400
Double Sided
Open Mesh



ISO 400
Mounted
Super Flex

	Rivited mandrel				
● XF	0.20	R04/400 504 220	R04/400 504 180	R04/400 504 140	R04/400 504 100
● F	0.25	R04/355 514 220			
	Screwed mandrel				
● XF	0.20	S04/400 504 220			
● F	0.25	S04/400 514 220			

Disc safe guard



401
Double Sided



ISO 401
Unmounted
Super Flex

	Thickness mm		
● XF	0.20	401 504 220	

401
Double Sided



ISO 401
Mounted
Super Flex

	Rivited mandrel		
● XF	0.20	R04/401 504 220	
	Screwed mandrel		
● XF	0.20	S04/401 504 220	

Dental Rotary Instruments

HP Pins & Burs



001 801

Round

ISO Shank 104



ISO No.	001-009	001-011	001-013	001-015	001-017	001-019	001-022
Head dia $\varnothing$ 1/10mm	009	011	013	015	017	019	022
L1: Head Length mm	0.9	1.1	1.3	1.5	1.7	1.9	2.2
L2:Overall Length mm	44.5	44.5	44.5	44.5	44.5	44.5	44.5
● M Order No.	HP/001-009M	HP/001-011M	HP/001-013M	HP/001-015M	HP/001-017M	HP/001-019M	HP/001-022M
● C Order No.		HP/001-011C	HP/001-013C	HP/001-015C	HP/001-017C	HP/001-019C	HP/001-022C

001 801

Round

ISO Shank 104



ISO No.	001-024	001-029	001-033	001-037
Head dia $\varnothing$ 1/10mm	024	029	033	037
L1: Head Length mm	2.4	2.9	3.3	3.7
L2:Overall Length mm	44.5	44.5	44.5	44.5
● M Order No.	HP/001-024M	HP/001-029M	HP/001-033M	HP/001-037M
● C Order No.	HP/001-024C	HP/001-029C	HP/001-033C	HP/001-037C
● XC Order No.			HP/001-033XC	

001S 801S

Round

Short



ISO No.	001-014S	001-018S
Head dia $\varnothing$ 1/10mm	014	018
L1: Head Length mm	1.4	1.8
L2:Overall Length mm	29	29
● M Order No.	HP/001-014SM	HP/001-018SM
● C Order No.	HP/001-014SC	HP/001-018SC

002 802

Round with Collar

ISO Shank 104



ISO No.	002-013	002-015	002-017	002-019	002-022	002-024	002-029	002-033
Head dia $\varnothing$ 1/10mm	013	015	017	019	022	024	029	033
L1: Head Length mm	2.5	3.0	3.5	3.5	4.0	4.5	5.0	5.5
L2:Overall Length mm	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
● M Order No.	HP/002-013M	HP/002-015M	HP/002-017M	HP/002-019M	HP/002-022M	HP/002-024M	HP/002-029M	HP/002-033M
● C Order No.	HP/002-013C	HP/002-015C	HP/002-017C	HP/002-019C	HP/002-022C	HP/002-024C	HP/002-029C	HP/002-033C

010 805

Inverted Cone

ISO Shank 104



ISO No.	010-021	010-027	010-033	010-045
Head dia $\phi 1/10$ mm	021	027	033	045
L1: Head Length mm	2.0	2.2	2.8	2.5
L2:Overall Length mm	44.5	44.5	44.5	42
● M Order No.	HP/010-021M	HP/010-027M	HP/010-033M	HP/010-045M
● C Order No.		HP/010-027C	HP/010-033C	HP/010-045C

019 806

Inverted Cone With Collar

ISO Shank 104

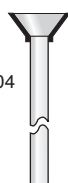


ISO No.	019-027	019-033	019-045
Head dia $\phi 1/10$	027	033	045
L1: Head Length	4.0	5.0	4.5
L2:Overall Length	44.5	44.5	42
● M Order No.	HP/019-027M	HP/019-033M	HP/019-045M
● C Order No.	HP/019-027C	HP/019-033C	HP/019-045C

020 812

Inverted Cone Cup - Hollow

ISO Shank 104



ISO No.	020-070
Head dia $\phi 1/10$ mm	070
L1: Head Length mm	3.0
L2:Overall Length mm	41
● M Order No.	HP/020-070M
● C Order No.	HP/020-070C

021 810

Inverted Cone Cup - Hollow

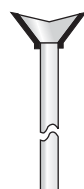
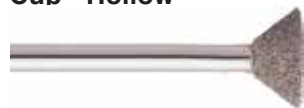
ISO Shank 104



ISO No.	021-070
Head dia $\phi 1/10$ mm	070
L1: Head Length mm	3.0
L2:Overall Length mm	41
● M Order No.	HP/021-070M
● C Order No.	HP/021-070C

022 812

Inverted Cone Cup - Hollow

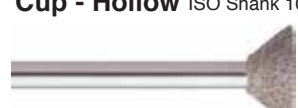


ISO No.	022-083
Head dia $\phi 1/10$ mm	083
L1: Head Length mm	4.0
L2:Overall Length mm	42
● M Order No.	HP/022-083M
● C Order No.	HP/022-083C

023 810

Inverted Cone Cup - Hollow

ISO Shank 104



ISO No.	023-083
Head dia $\phi 1/10$ mm	083
L1: Head Length mm	4.0
L2:Overall Length mm	42
● M Order No.	HP/023-083M
● C Order No.	HP/023-083C

Diamond Grit

ISO	ISO	ISO	ISO	ISO	ISO
494	504	514	524	534	544
UF	XF	F	M	C	XC

039 811

Barrel

ISO Shank 104



ISO No.	039-046
Head dia $\phi 1/10$ mm	046
L1: Head Length mm	7.0
L2:Overall Length mm	44.5
● M Order No.	HP/039-046M
● C Order No.	HP/039-046C

109 835

Flat End Cylinder

ISO Shank 104



ISO No.	109-022	109-025
Head dia $\phi 1/10$ mm	022	025
L1: Head Length mm	5.0	5.0
L2:Overall Length mm	44.5	43.5
● M Order No.	HP/109-022M	HP/109-025M
● C Order No.	HP/109-022C	HP/109-025C

110 836

Flat End Cylinder

ISO Shank 104



ISO No.	110-020	110-023
Head dia $\phi 1/10$ mm	020	023
L1: Head Length mm	7.5	7.5
L2:Overall Length mm	44.5	44.5
● M Order No.	HP/110-020M	HP/110-023M
● C Order No.	HP/110-020C	HP/110-023C

110 836

Flat End Cylinder

ISO Shank 104



ISO No.	110-055
Head dia $\phi 1/10$ mm	055
L1: Head Length mm	7.5
L2:Overall Length mm	44.5
● XF Order No.	HP/110-055XF
● F Order No.	HP/110-055F
● M Order No.	HP/110-055M
● C Order No.	HP/110-055C
● XC Order No.	HP/110-055XC

111 840

Flat End Cylinder

ISO Shank 104



ISO No.	111-033
Head dia $\phi 1/10$ mm	033
L1: Head Length mm	8.0
L2:Overall Length mm	44.5
● M Order No.	HP/111-033M
● C Order No.	HP/111-033C

112 837L

Flat End Cylinder

ISO Shank 104

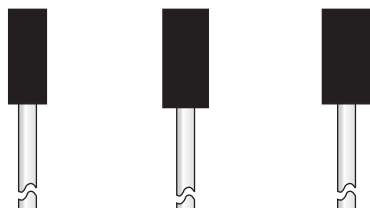


ISO No.	112-040	112-050	112-100
Head dia $\phi 1/10$ mm	040	050	100
L1: Head Length mm	10.0	8.0	10.0
L2:Overall Length mm	40	44.5	45
● M Order No.	HP/112-040M	HP/112-050M	HP/112-100M
● C Order No.	HP/112-040C		HP/112-100C
● XC Order No.	HP/112-040XC		HP/112-100XC

113 837L

Flat End Cylinder

ISO Shank 104



ISO No.	113-050	113-060	113-064
Head dia $\varnothing 1/10\text{mm}$	050	060	064
L1: Head Length mm	12.5	13.0	12.5
L2:Overall Length mm	41.5	40	41
● M Order No.	HP/113-050M	HP/113-060M	HP/113-064M
● C Order No.	HP/113-050C	HP/113-060C	HP/113-064C
● XC Order No.	HP/113-050XC	HP/113-060XC	HP/113-064XC

141 842

Round End Cylinder

ISO Shank 104



ISO No.	141-022
Head dia $\varnothing 1/10\text{mm}$	022
L1: Head Length mm	8.0
L2:Overall Length mm	44.5
● M Order No.	HP/141-022M
● C Order No.	HP/141-022C

150 837

Flat End Cylinder

ISO Shank 104



ISO No.	150-055
Head dia $\varnothing 1/10\text{mm}$	055
L2:Overall Length mm	45
● M Order No.	HP/150-055M

164 852

Pointed Cone

ISO Shank 104



ISO No.	164-040
Head dia $\varnothing 1/10\text{mm}$	040
L1: Head Length mm	6.5
L2:Overall Length mm	44.5
● M Order No.	HP/164-040M
● C Order No.	HP/164-040C

Diamond Grit

ISO	ISO	ISO	ISO	ISO	ISO
494	504	514	524	534	544
UF	XF	F	M	C	XC

166 859

Pointed Cone

ISO Shank 104



ISO No.	166-024
Head dia $\varnothing 1/10\text{mm}$	024
L1: Head Length mm	10
L2:Overall Length mm	44.5
● M Order No.	HP/166-024M
● C Order No.	HP/166-024C

171 846

Flat End Taper

ISO Shank 104



ISO No.	171-016	171-025
Head dia $\varnothing 1/10\text{mm}$	016	025
L1: Head Length mm	7.0	7.5
L2:Overall Length mm	44.5	44.5
● M Order No.	HP/171-016M	HP/171-025M
● C Order No.	HP/171-016C	HP/171-025C

172 847

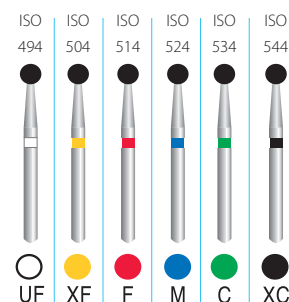
Flat End Taper

ISO Shank 104



ISO No.	172-021	172-033	172-040	172-050
Head dia $\phi 1/10\text{mm}$	021	033	050	050
L1: Head Length mm	8.0	9.2	9.2	9.2
L2:Overall Length mm	44.5	48.5	46.0	46.0
● F Order No.	HP/172-033F			
● M Order No.	HP/172-021M	HP/172-033M	HP/172-040M	HP/172-050M
● C Order No.	HP/172-021C	HP/172-033C	HP/172-050C	

Diamond Grit



173 848

Flat End Taper

ISO Shank 104



ISO No.	173-060
Head dia $\phi 1/10\text{mm}$	060
L1: Head Length mm	10.0
L2:Overall Length mm	44.5
● M Order No.	HP/173-060M
● C Order No.	HP/173-060C
● XC Order No.	HP/173-060XC

198 856

Round End Taper

ISO Shank 104



ISO No.	198-020
Head dia $\phi 1/10\text{mm}$	020
L1: Head Length mm	9.0
L2:Overall Length mm	44.5
● F Order No.	HP/198-020F
● M Order No.	HP/198-020M
● C Order No.	HP/198-020C

199 850

Round End Taper

ISO Shank 104



ISO No.	199-020
Head dia $\phi 1/10\text{mm}$	020
L1: Head Length mm	10.0
L2:Overall Length mm	44.5
● F Order No.	HP/199-020F
● M Order No.	HP/199-020M
● C Order No.	HP/199-020C

200 850L

Round End Taper

ISO Shank 104



ISO No.	200-048
Head dia $\phi 1/10\text{mm}$	048
L1: Head Length mm	13.0
L2:Overall Length mm	41.5
● M Order No.	HP/200-048M
● C Order No.	HP/200-048C
● XC Order No.	HP/200-048XC

201 850L

Round End Taper

ISO Shank 104



ISO No.	201-045
Head dia $\phi 1/10\text{mm}$	045
L1: Head Length mm	15.0
L2:Overall Length mm	45
● M Order No.	HP/201-045M
● C Order No.	HP/201-045C
● XC Order No.	HP/201-045XC

225 807

Inverted Cone

ISO Shank 104



ISO No.	225-023
Head dia $\phi 1/10\text{mm}$	023
L1: Head Length mm	6.0
L2:Overall Length mm	44.5
● M Order No.	HP/225-023M
● C Order No.	HP/225-023C

249 862

Flame

ISO Shank 104



ISO No.	249-016	249-018
Head dia $\phi 1/10$ mm	016	018
L1: Head Length mm	8.0	8.0
L2:Overall Length mm	44.5	44.5
● M Order No.	HP/249-016M	HP/249-018M
● C Order No.	HP/249-016C	HP/249-018C

250 863

Flame

ISO Shank 104



ISO No.	250-027
Head dia $\phi 1/10$ mm	027
L1: Head Length mm	11.0
L2:Overall Length mm	45
● M Order No.	HP/250-027M
● C Order No.	HP/250-027C

257 368

Football

ISO Shank 104



ISO No.	257-030	257-040
Head dia $\phi 1/10$ mm	030	040
L1: Head Length mm	5.0	9.0
L2:Overall Length mm	44.5	41
● M Order No.	HP/257-030M	HP/257-040M
● C Order No.	HP/257-030C	HP/257-040C

260 875

Bud

ISO Shank 104



ISO No.	260-065
Head dia $\phi 1/10$ mm	065
L1: Head Length mm	11.0
L2:Overall Length mm	44.5
● M Order No.	HP/260-065M
● C Order No.	HP/260-065C
● XC Order No.	HP/260-065XC
Special XXC Order No.	HP/260-065XXC

263 875

Bud

ISO Shank 104



ISO No.	263-048	263-060
Head dia $\phi 1/10$ mm	048	060
L1: Head Length mm	13.0	13.0
L2:Overall Length mm	50	50
● XF Order No.	HP/263-048XF	
● F Order No.		HP/263-060F
● M Order No.	HP/263-048M	HP/263-060M
● C Order No.		HP/263-060C
● XC Order No.		HP/263-060XC
Special XXC Order No.	HP/263-048XXC	HP/263-060XXC

266 879

Bud

ISO Shank 104



ISO No.	266-048	266-065
Head dia $\phi 1/10$ mm	048	060
L1: Head Length mm	13.0	20.0
L2:Overall Length mm	44.5	57.0
● F Order No.	HP/266-048F	
● M Order No.	HP/266-048M	
● C Order No.	HP/266-048C	
● XC Order No.	HP/266-048XC	HP/266-065XC
Special XXC Order No.	HP/266-048XXC	HP/266-065XXC

273 874

Paraboloidal

ISO Shank 104

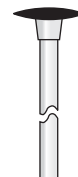


ISO No.	273-027
Head dia $\phi 1/10\text{mm}$	027
L1: Head Length mm	4.8
L2:Overall Length mm	44.5
● M Order No.	HP/273-027M
● C Order No.	HP/273-027C

303 825

Knife edge

ISO Shank 104



ISO No.	303-093
Head dia $\phi 1/10\text{mm}$	093
L1: Head Length mm	1.5
L2:Overall Length mm	44.5
● M Order No.	HP/303-093M
● C Order No.	HP/303-093C

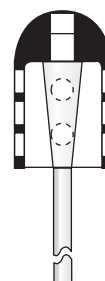
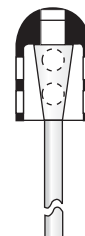
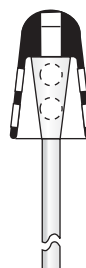
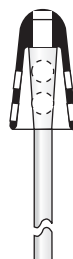
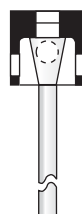
490

Hollow Plaster Cutter



ISO No.	490-090	490-115
dia $\phi 1/10\text{mm}$	090	115
L1: Head Length mm	18	20
L2:Overall Length mm	55	55
● M Order No.	HP/490-090M	HP/490-115M
● C Order No.	HP/490-090C	HP/490-115C
● XC Order No.	HP/490-090XC	HP/490-115XC
Special XXC Order No.	HP/490-090XXC	HP/490-115XXC

Water Cooled Burs



ISO No.	112-100H	490-090H	490-115H	RU10X15H	RU13X21H
dia $\phi 1/10\text{mm}$	100	90	115	100	130
L1: Head Length mm	10	16	17	15	21
L2:Overall Length mm	46	52	53	51	57
● M Order No.	HP/112-100HM	HP/490-090HM	HP/490-115HM	HP/RU10X15HM	HP/RU13X21HM
● C Order No.	HP/112-100HC	HP/490-090HC	HP/490-115HC	HP/RU10X15HC	HP/RU13X21HC
● XC Order No.	HP/112-100HXC	HP/490-090HXC	HP/490-115XC	HP/RU10X15HXC	HP/RU13X21HXC

001L 801

Round

HP Long



ISO No.	001-037L
Head dia $\phi 1/10\text{mm}$	037
L1: Head Length mm	3.7
L2:Overall Length mm	53
● M Order No.	HP/001-037LM
● C Order No.	HP/001-037LC
● XC Order No.	HP/001-037LXC

041L 815

Wheel

HP Long



ISO No.	041-038L
Head dia $\phi 1/10\text{mm}$	038
L1: Head Length mm	1.8
L2:Overall Length mm	53
● M Order No.	HP/041-038LM
● C Order No.	HP/041-038LC
● XC Order No.	HP/041-038LXC

112L 837

Flat End Cylinder

HP Long



ISO No.	112-040L
Head dia $\phi 1/10\text{mm}$	040
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/112-040LM
● C Order No.	HP/112-040LC
● XC Order No.	HP/112-040LXC

167L 859L

Pointed Cone

HP Long



ISO No.	167-012L
Head dia $\phi 1/10\text{mm}$	012
L1: Head Length mm	11.0
L2:Overall Length mm	53
● M Order No.	HP/167-012LM
● C Order No.	HP/167-012LC
● XC Order No.	HP/167-012LXC

173L 848

Flat End Taper

HP Long



ISO No.	173-016L
Head dia $\phi 1/10\text{mm}$	016
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/173-016LM
● C Order No.	HP/173-016LC
● XC Order No.	HP/173-016LXC

198L 856

Round End Taper

HP Long



ISO No.	198-015L
Head dia $\phi 1/10\text{mm}$	015
L1: Head Length mm	8.0
L2:Overall Length mm	53
● M Order No.	HP/198-015LM
● C Order No.	HP/198-015LC
● XC Order No.	HP/198-015LXC

199L 850

Round End Taper

HP Long



ISO No.	199-020L
Head dia $\phi 1/10\text{mm}$	020
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/199-020LM
● C Order No.	HP/199-020LC
● XC Order No.	HP/199-020LXC

225L 807

Inverted Cone

HP Long



ISO No.	225-048L
Head dia $\phi 1/10\text{mm}$	048
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/225-048LM
● C Order No.	HP/225-048LC
● XC Order No.	HP/225-048LXC

Applications:

Dental Lab, Veterinary, Jewelry, Manicure & Pedicure

HP

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001	801	round	130
001S	801S	round - short	130
002	802	round with collar	130
010	805	inverted cone	131
019	806	inverted cone with collar	131
020	812	inverted cone- hollow cup	131
021	810	inverted cone- hollow cup	131
022	812	inverted cone- hollow cup	131
023	810	inverted cone- hollow cup	131
039	811	barrel	132
109	835	flat end cylinder	132
110	836	flat end cylinder	132
111	840	flat end cylinder	132
112	837L	flat end cylinder	132
113	837L	flat end cylinder	133
141	842	round end cylinder	133
150	837	flat end cylinder	133
164	852	pointed cone	133
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171	846	flat end taper	133
172	847	flat end taper	134
173	848	flat end taper	134
198	856	round end taper	134
199	850	round end taper	134
200	850L	rounded taper	134
201	850L	rounded taper	134
225	807	inverted cone	134
249	862	flame	135

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260	875	bud	135
263	875	bud	135
266	879	bud	135
273	874	paraboloidal	136
303	825	knife edge	136
490		hollow plaster cutter	136

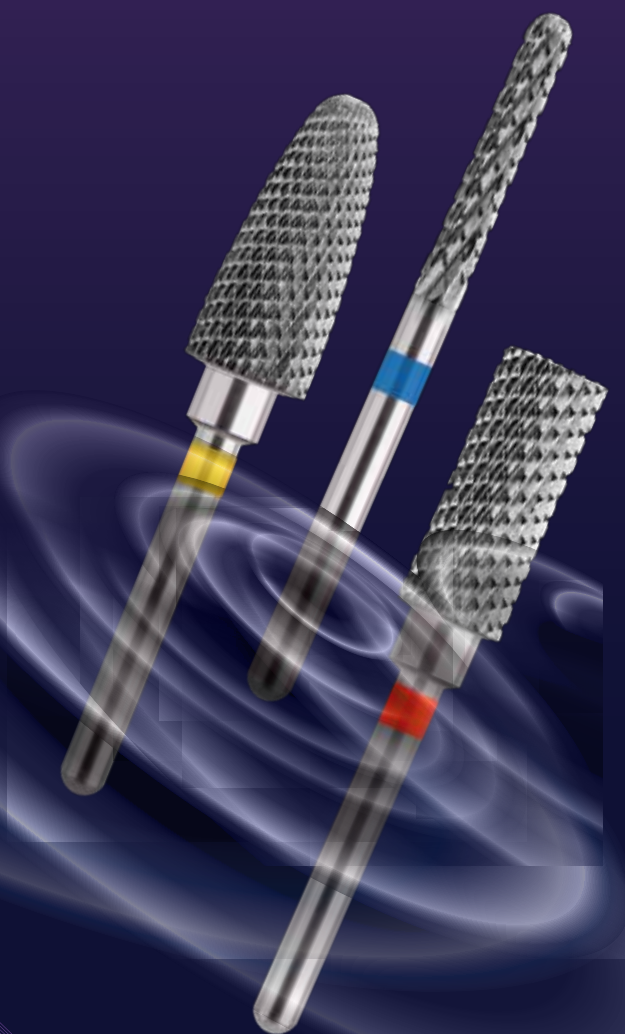
HP Long

001L	801L	round	137
041L	815	wheel	137
112L	837	flat end cylinder	137
167L	859L	pointed cone	137
173L	848	flat end taper	137
198L	856	round end taper	137
199L	850	round end taper	137
225L	807	inverted cone	137

Water Cooled Burs - special shapes

112-100H	136
490-090H	136
490-115H	136
RU10X15H	136
RU13X21H	136

HP Carbide Cutters



HP. CC

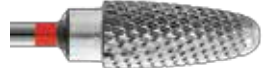
Twisted Cut with fine cross cut
for: Gold-Pd. Alloy, Precious metal Alloys and Acrylics

	Order #	Head Length mm	Head Ø 1/10 mm	ISO	Cut	Shape
	HP.CC 2001340	15.0	040	500.104.200.132.040	□ FINE SPIRAL CUT	Round End Taper

Extra Fine Diamond Cut
for: Fine Finishing of Ceramics and all Alloys

	Order #	Head Length mm	Head Ø 1/10 mm	ISO	Cut	Shape
	HP.CC 2001140	14.0	040	500.104.200.110.040	■ SUPERFINE CROSSCUT	Round End Taper
	HP.CC 2471160	14.0	060	500.104.274.110.060	■ SUPERFINE CROSSCUT	Bullet
	HP.CC 1751123	15.0	023	500.104.175.110.023	■ SUPERFINE CROSSCUT	Narrow Round end Taper

Fine Cross Cut
for: Alloys and Acrylics

	Order #	Head Length mm	Head Ø 1/10 mm	ISO	Cut	Shape
	HP.CC 2011460	15.0	060	500.104.201.140.060	■ FINE CROSSCUT	Round End Taper
	HP.CC 1751423	15.0	023	500.104.175.140.023	■ FINE CROSSCUT	Narrow Round end Taper
	HP.CC 2741460	14.0	060	500.104.274.140.060	■ FINE CROSSCUT	Bullet
	HP.CC 2431450	13.5	050	500.104.243.140.050	■ FINE CROSSCUT	Pointed Bud
	HP.CC 2001450	13.0	050	500.104.200.140.050	■ FINE CROSSCUT	Round End Taper
	HP.CC 2921423	14.0	023	500.104.292.140.023	■ FINE CROSSCUT	Long Bullet
	HP.CC 1131450	12.5	050	500.104.113.140.050	■ FINE CROSSCUT	Cylindrical
	HP.CC 2921440	14.0	040	500.104.292.140.040	■ FINE CROSSCUT	Long Bullet
	HP.CC 1401423	6.5	023	500.104.140.140.023	■ FINE CROSSCUT	Round End Cylinder
	HP.CC 2571440	9.0	040	500.104.257.140.040	■ FINE CROSSCUT	Short Bullet

■ HP. CC

Medium Cross Cut
for: Cr. Cobalt Alloys, Precious Alloys and Acrylics

	Order #	Head Length mm	Head Ø 1/10 mm	ISO	Cut	Shape
	HP.CC 2011960	15.0	060	500.104.201.190.060	■ STD CROSSCUT	Round End Taper
	HP.CC 1751923	15.0	023	500.104.175.190.023	■ STD CROSSCUT	Narrow Round end Taper
	HP.CC 2431950	13.5	050	500.104.243.190.050	■ STD CROSSCUT	Pointed Bud
	HP.CC 2741950	13.5	050	500.104.274.190.050	■ STD CROSSCUT	Bullet
	HP.CC 0011723	2.0	023	500.104.001.175.023	■ STD PLAIN CUT	Round
	HP.CC 0011750	4.5	050	500.104.001.175.050	■ STD PLAIN CUT	Round
	HP.CC 0011740	3.5	040	500.104.001.175.040	■ STD PLAIN CUT	Round
	HP.CC 1371923	16.0	023	500.104.137.190.023	■ STD CROSSCUT	Round End Cylinder
	HP.CC 1371960	13.0	060	500.104.137.190.060	■ STD CROSSCUT	Round End Cylinder
	HP.CC 1941940	14.0	040	500.104.194.190.040	■ STD CROSSCUT	Round End Taper
	HP.CC 2631940	8.0	040	500.104.263.190.040	■ STD CROSSCUT	Round End Taper



142 HP Carbide Cutters

ISO structure 500 104 200 110 040
 ↑ ↑ ↑ ↑ ↑
 Carbide Shank ISO Grit Head
 type Shape Size Size ø1/10mm

■ HP. CC

Double Cut Coarse for: Acrylic , Plaster and Resin based materials

	Order #	Head Length mm	Head Ø 1/10 mm	ISO	Cut	Shape
	HP.CC 2742260	14.0	060	500.104.274.220.060	■ COARSE CROSSCUT	Bullet
	HP.CC 2012260	15.0	060	500.104.201.220.060	■ COARSE CROSSCUT	Round End Taper
	HP.CC 1432250	13.5	050	500.104.143.220.050	■ COARSE CROSSCUT	Round End Cylinder

Double Cut Extra Coarse for: Plaster and Acrylics

	Order #	Head Length mm	Head Ø 1/10 mm	ISO	Cut	Shape
	HP.CC 2742260	14.0	060	500.104.274.223.060	■ SUPER COARSE CROSSCUT	Bullet
	HP.CC 2012260	15.0	060	500.104.201.223.060	■ SUPER COARSE CROSSCUT	Round End Taper
	HP.CC 1372260	14.0	060	500.104.137.223.060	■ SUPER COARSE CROSSCUT	Round End Cylinder

Certificates

QUALITY CONTROL

MDT adheres to strict quality control standard and regulations to ensure consistent products and a company you can rely on.

Along with accreditations in many countries, MDT is **ISO**, **CE**, **FDA** and **MDSAP** certified.



EC Certificate

mdc medical device certification GmbH

Notified Body 0483
herewith certifies that

M.D.T. Micro Diamond Technologies Ltd.
2 Hamal Street, Industrial Park North
Afula, 1857107
Israel

for the scope

Dental Rotary Instruments - Sterile and Non-Sterile
Diamond Coated Instruments -Sterile and Non-Sterile
(see attachment)

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	2018-08-29
Valid until	2023-08-28
Registration no.	D1066900018
Report no.	P18-00782-122428
Stuttgart	2018-08-06




Head of Certification Body



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Fax: +49-(0)711-253597-10
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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

- ISO 9001:2015
- EN ISO 13485
- ISO 13485:2016
- EC Council Directive 93/42/EEC



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 have been done according to 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 are 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 is 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.



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