



## Lab Care Instruments

*Efficiency*  
in your Hands

## EN About us

MDT Micro Diamond Technologies, The Crown Diamond of the Schneider Group, is a dynamic, high-tech, fast-growing Electroplated Dental Diamond manufacturer exporting premium Diamond Burs, Pins and Discs world-wide.

MDT's FG Burs have been selected as "best value" and "highest rated and best performing" by the independent CRA (Clinical Research Associates, Inc) survey in the USA comparing leading brands of dental burs world-wide. Premium Quality Natural Diamonds, together with Swiss-made hardened and ground Stainless Steel Shanks, are only part of The MDT Secret. The cutting edge MDT offers is advanced bonding technology, in-house R&D, tailor made state-of-the-art production lines, strict quality assurance and "Triton"™, the coating process which more than double strengthens the diamond bonding for superior, long lasting, sharp and smooth cutting ability.

MDT is among the world pioneers in Sterilized Burs with a CLASS 10 clean room for automatic packing of single pouched Gamma Radiated FG burs.

## DE Wir über uns

MDT Micro Diamond Technologies, der Krondiamant der Schneider-Gruppe, ist ein dynamischer, expandierender und auf High-Tech basierender Hersteller von elektroplattierten Dental-Diamanten, der erstklassige Diamantbohrer, Stifte und Scheiben weltweit exportiert. Bei einem Vergleich international führender Zahnbohrermarken wurden die FG-Bohrer von MDT in der unabhängigen Begutachtung von CRA (Clinical Research Associates, Inc.) in den USA als „von bestem Wert“ und „am höchsten eingestuft und mit Bestleistungen“ bewertet. Erstklassige, hochwertige Naturdiamanten, kombiniert mit in der Schweiz hergestellten gehärteten und geschliffenen Edelstahlschäften sind nur ein Teil des MDT-Geheimnisses. Die MDT-Innovation besteht in fortschrittlicher Bindetechnik, werkinternen R&D, maßgeschneiderten, topmodernen Produktionsbändern, peinlich genauer Qualitätssicherung und "Triton"™, dem Beschichtungsprozeß, der die Diamantbindung für eine überragende, dauerhafte, scharfe und glatte Schneidfähigkeit mehr als doppelt verstärkt.

MDT gehört, was vorsterilisierte Bohrer betrifft, weltweit zu den Pionieren, mit einem CLASS 10 Reinraum für die automatische Verpackung von einzeln eingesteckten gammabestrahlten FG-Bohrern.

## ES Sobre nosotros

MDT Micro Diamond Technologies, el Diamante de la Corona del Grupo Schneider, es un fabricante dinámico, de alta tecnología, de crecimiento rápido en Diamantes Dentales Galvanizados, exportando mundialmente los premiados Buriles de Diamante, Pinos y Discos. Los Buriles FG de MDT han sido seleccionados como la "mejor calidad" y el "más alto rango y mejor desempeño" por la encuesta independiente de la CRA (Clinical Research Associates, Inc) en los Estados Unidos comparados con otras marcas líderes mundiales de buriles dentales. El premio Quality Natural Diamonds, junto con el Vástago de Acero Inoxidable endurecido y molido en Suiza son apenas parte del Secreto de MDT. La moderna MDT ofrece su avanzada tecnología de adherencia, I&D interno, avanzadas cadenas de producción, hechas a medida, estricta garantía de calidad y "Triton"™, el proceso de revestimiento que más que duplica refuerza la adherencia del diamante para una capacidad de corte superior, de larga duración, afilada y suave.

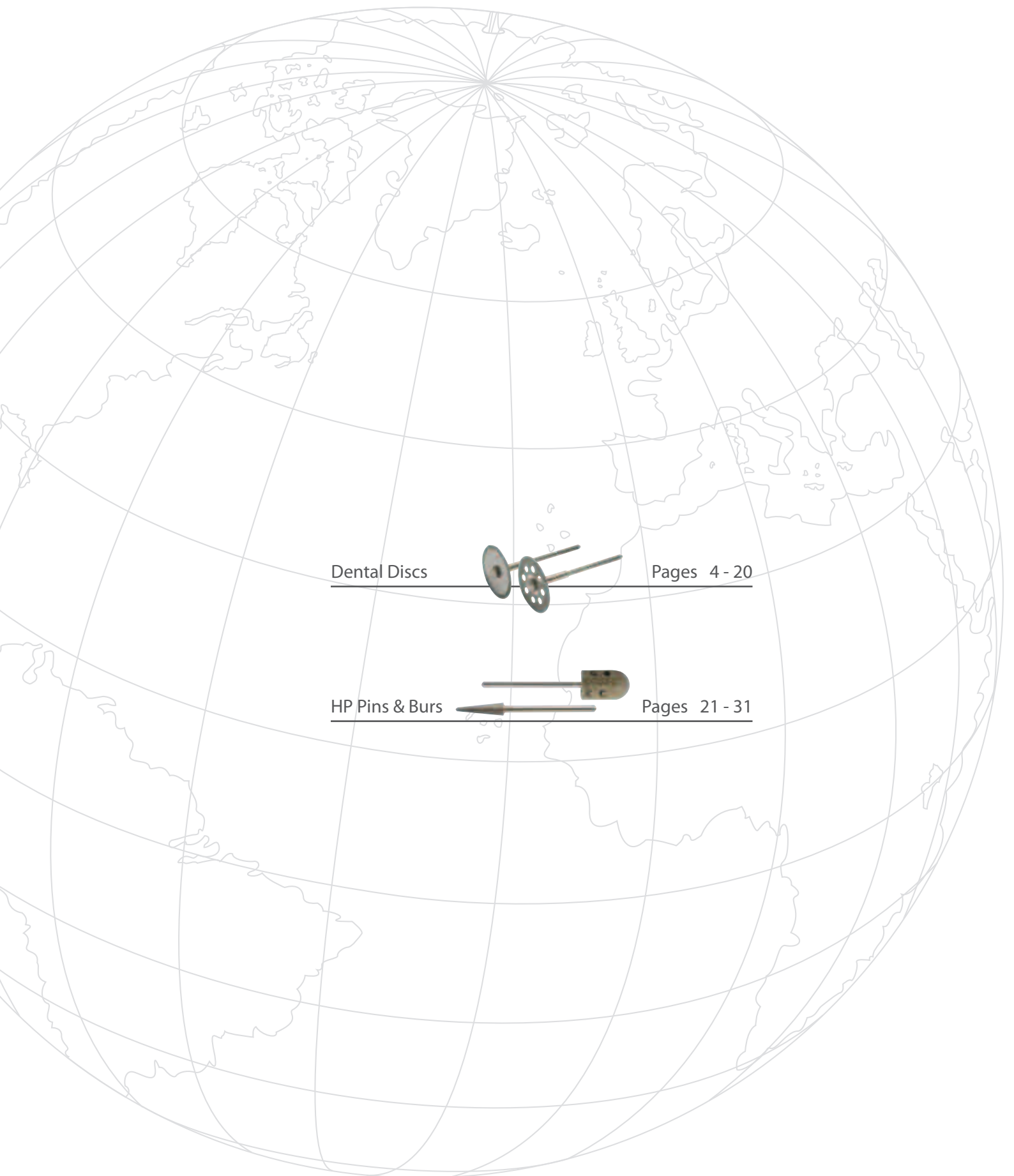
MDT está entre los pioneros en el mundo en Esterilizados Buriles con un sitio limpio CLASE 10 para el embalaje automático de buriles Gamma Radiated FG en bolsos únicos.

## FR Accueil

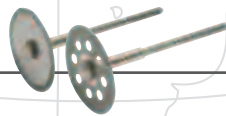
MDT, Micro Diamond Technologies, le diamant de la couronne du Groupe Schneider, est un fabricant de hautes technologies, dynamique et en plein essor. Il exporte des fraises dentaires et disques diamantés à revêtement électrolytique dans le monde entier.

Aux Etats-Unis le sondage indépendant réalisé par l'association CRA (Clinical Research Associates) a désigné les fraises dentaires FG de MDT comme étant de « meilleure qualité » et « de classe supérieure et de meilleure performance » en comparaison avec celles des plus grandes marques internationales. Les diamants naturels de qualité supérieure, ainsi que les tiges renforcés et trempés en acier inoxydable fabriqués en Suisse, ne constituent qu'une partie du secret du savoir-faire de MDT. Le bord tranchant offert par MDT est une technique avancée développée par le département de recherche de l'entreprise. De plus, MDT garanti pour ce produit des lignes de production avancées et adaptées, l'assurance d'une qualité irréprochable, le procédé de revêtement "Triton"™ qui renforce deux fois plus le revêtement du diamant pour une utilisation optimale de longue durée et une fonction tranchante lisse.

MDT est l'un des pionniers de vente des fraises dentaires stérilisées au niveau mondial, avec une salle blanche de CLASSE 10 pour l'emballage automatique individuelle, et pour les fraises FG à irradiation Gamma.



Dental Discs



Pages 4 - 20

HP Pins & Burs



Pages 21 - 31



## Dental Discs

page

### 910 Ring - double sided

321	5
340	5, 6
355	6

### 912 - 913 Ring - single sided

341-342	7
356-357	8

### 918 Fully Coated - double sided

327	9
345	10
358	10

### 916-917 Fully Coated - single sided

328-329	11
346-347	12
359-360	13

### 911H Ring perforated - double sided

332	14
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### 918H Fully Coated perforated - double sided

335	15
350	16

### 916H-917H Fully Coated perforated - single sided

336-337	17
351-352	18

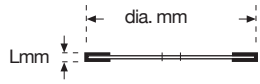
## NEW

### Discs -Flex - double sided

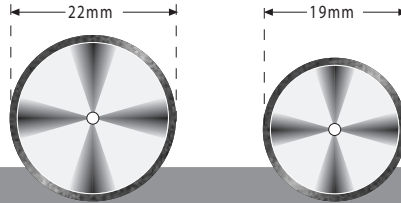
377	19
390	19
350PS	20
379PS	20

# DD - Dental Discs

## 910 Double Sided



### ISO 321 Unmounted



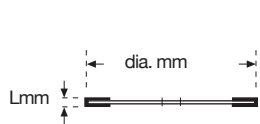
Semi Flex	Thickness mm	22mm	19mm
● F Order No.	0.45	321 514 220	321 514 190
● M Order No.	0.55	321 524 220	321 524 190



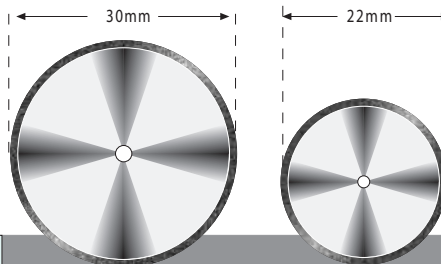
### ISO 321 Mounted



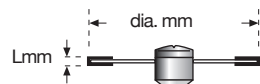
Semi Flex	Thickness mm	22mm	19mm
Riveted mandrel ● F Order No.	0.45	R04/321 514 220	R04/321 514 190
Riveted mandrel ● M Order No.	0.55	R04/321 524 220	R04/321 524 190
Screwed mandrel ● F Order No.	0.45	S04/321 514 220	S04/321 514 190
Screwed mandrel ● M Order No.	0.55	S04/321 524 220	S04/321 524 190



### ISO 340 Unmounted



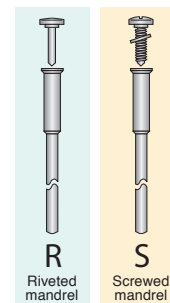
Flex	Thickness mm	30mm	22mm
● F Order No.	0.30	340 514 300	340 514 220



### ISO 340 Mounted

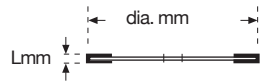


Flex	Thickness mm	30mm	22mm
Riveted mandrel ● F Order No.	0.30	R04/340 514 300	R04/340 514 220
Screwed mandrel ● F Order No.	0.30	S04/340 514 300	S04/340 514 220

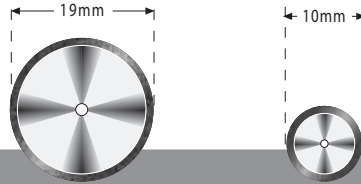


# DD - Dental Discs

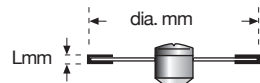
## 910 Double Sided



### ISO 340 Unmounted



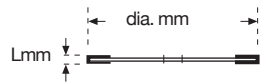
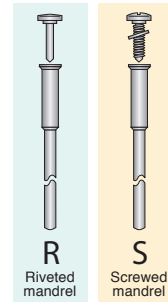
Flex	Thickness mm	19mm	10mm
● F Order No.	0.30	340 514 190	340 514 100



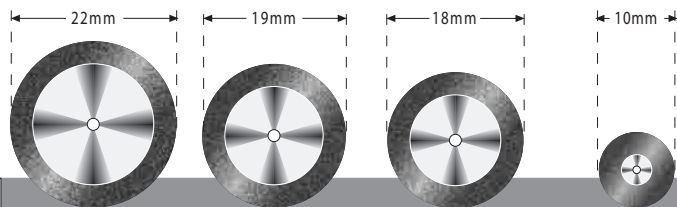
### ISO 340 Mounted



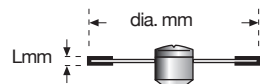
Flex	Thickness mm	19mm	10mm
Riveted mandrel ● F Order No.	0.30	R04/340 514 190	R04/340 514 100
Screwed mandrel ● F Order No.	0.30	S04/340 514 190	



### ISO 355 Unmounted



Super Flex	Thickness mm	22mm	19mm	18mm	10mm
● XF Order No.	0.17	355 504 220	355 504 190	355 504 180	355 504 100
● F Order No.	0.25	355 514 220	355 514 190	355 514 180	



### ISO 355 Mounted

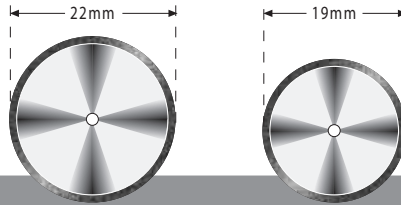
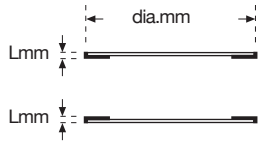


Super Flex	Thickness mm	22mm	19mm	18mm	10mm
Riveted mandrel ● XF Order No.	0.17	R04/355 504 220	R04/355 504 190	R04/355 504 180	R04/355 504 100
Riveted mandrel ● F Order No.	0.25	R04/355 514 220	R04/355 514 190	R04/355 514 180	
Screwed mandrel ● XF Order No.	0.17	S04/355 504 220	S04/355 504 190		
Screwed mandrel ● F Order No.	0.25	S04/355 514 220	S04/355 514 190		

# DD - Dental Discs

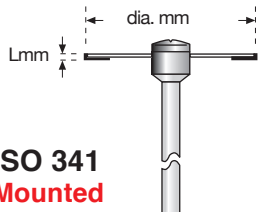
## 913 Single Sided

Illustration of mounted discs-mandrels are optional



### ISO 341 Unmounted

Flex	Thickness mm	341 514 220	341 514 190
● F Order No.	0.20		

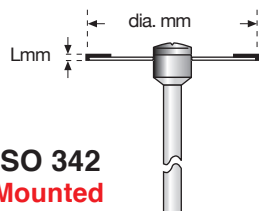


### ISO 341 Mounted

Flex	Thickness mm	R04/341 514 220	R04/341 514 190
Riveted mandrel ● F Order No.	0.20		
Screwed mandrel ● F Order No.	0.20	S04/341 514 220	S04/341 514 190

## 912 Single Sided

Illustration of mounted discs-mandrels are optional



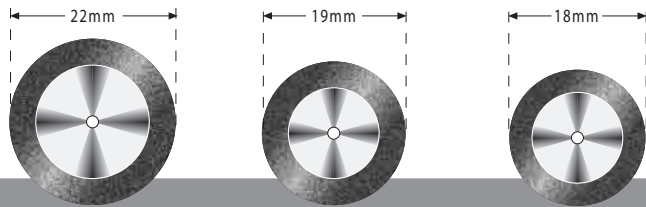
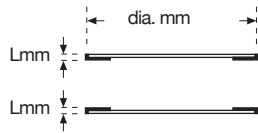
### ISO 342 Mounted

Flex	Thickness mm	R04/342 514 220	R04/342 514 190
Riveted mandrel ● F Order No.	0.20		
Screwed mandrel ● F Order No.	0.20	S04/342 514 220	S04/342 514 190

# DD - Dental Discs

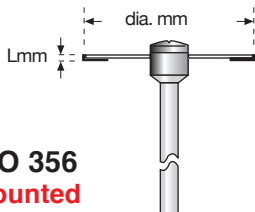
## 913 Single Sided

Illustration of mounted discs-mandrels are optional



### ISO 356 Unmounted

Super Flex	Thickness mm			
● XF Order No.	0.12	356 504 220	356 504 190	356 504 180
● F Order No.	0.15	356 514 220	356 514 190	356 514 180

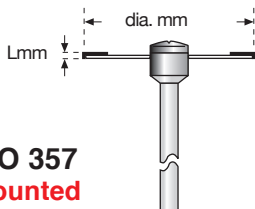


### ISO 356 Mounted

Super Flex	Thickness mm			
Riveted mandrel ● XF Order No.	0.12	R04/356 504 220	R04/356 504 190	R04/356 504 180
Riveted mandrel ● F Order No.	0.15	R04/356 514 220	R04/356 514 190	R04/356 514 180
Screwed mandrel ● XF Order No.	0.12	S04/356 504 220	S04/356 504 190	S04/356 504 180
Screwed mandrel ● F Order No.	0.15	S04/356 514 220	S04/356 514 190	S04/356 514 180

## 912 Single Sided

Illustration of mounted discs-mandrels are optional



### ISO 357 Mounted

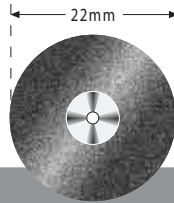
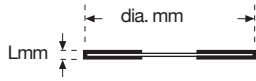
Super Flex	Thickness mm			
Riveted mandrel ● XF Order No.	0.12	R04/357 504 220	R04/357 504 190	R04/357 504 180
Riveted mandrel ● F Order No.	0.15	R04/357 514 220	R04/357 514 190	R04/357 514 180
Screwed mandrel ● XF Order No.	0.12	S04/357 504 220	S04/357 504 190	S04/357 504 180
Screwed mandrel ● F Order No.	0.15	S04/357 514 220	S04/357 514 190	S04/357 514 180



# DD - Dental Discs

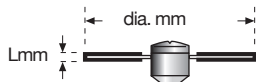
## 918 Double Sided

Illustration of mounted discs-mandrels are optional



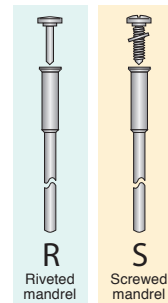
### ISO 327 Unmounted

Semi Flex	Thickness mm	22mm	19mm
● F Order No.	0.45	327 514 220	327 514 190
● M Order No.	0.55	327 524 220	327 524 190
● C Order No. (Special)	0.60	327 534 220	
● XC Order No. (Special)	0.65	327 544 220	



### ISO 327 Mounted

Semi Flex	Thickness mm	22mm	19mm
Riveted mandrel ● F Order No.	0.45	R04/327 514 220	R04/321 514 190
Riveted mandrel ● M Order No.	0.55	R04/327 524 220	R04/321 524 190
Screwed mandrel ● F Order No.	0.45	S04/327 514 220	S04/321 514 190
Screwed mandrel ● M Order No.	0.55	S04/327 524 220	S04/321 524 190
Screwed mandrel ● C Order No.	0.60	S04/327 534 220	
Screwed mandrel ● XC Order No.	0.65	S04/327 544 220	



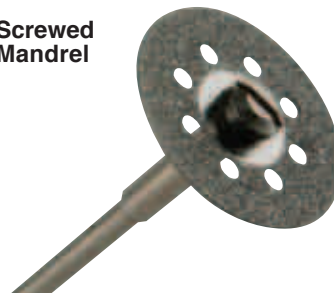
## Mandrels and Mountings

### Riveted Mandrel

MDT Riveted discs are autoclavable for convenience & efficiency



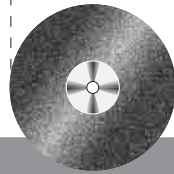
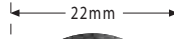
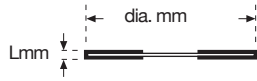
### Screwed Mandrel



# DD - Dental Discs

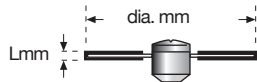
**918 Double Sided**

Illustration of mounted discs-mandrels are optional



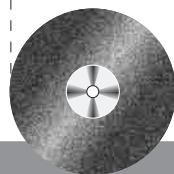
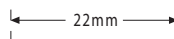
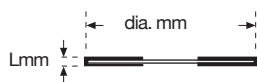
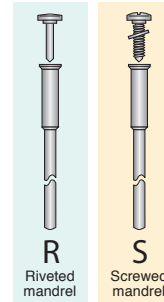
**ISO 345  
Unmounted**

Flex	Thickness mm	22mm	19mm
● F Order No.	0.30	345 514 220	345 514 190
● M Order No.	0.40	345 524 220	345 524 190
● XF Order No. (Special)	0.16	345 504 220	
○ UF Order No. (Special)	0.25	345 494 220	



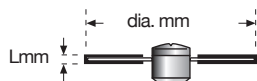
**ISO 345  
Mounted**

Flex	Thickness mm	22mm	19mm
Riveted mandrel ● F Order No.	0.30	R04/345 514 220	R04/345 514 190
Riveted mandrel ● M Order No.	0.40	R04/345 524 220	R04/345 524 190
Screwed mandrel ● F Order No.	0.30	S04/345 514 220	S04/345 514 190
Screwed mandrel ● M Order No.	0.40	S04/345 524 220	S04/345 524 190
Screwed mandrel ○ UF Order No.	0.16	S04/345 494 220	



**ISO 358  
Unmounted**

Super Flex	Thickness mm	22mm	19mm
● XF Order No.	0.17	358 504 220	358 504 190



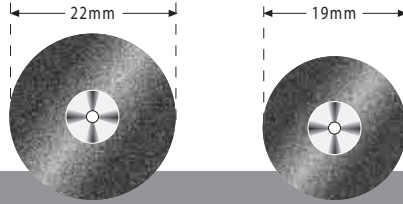
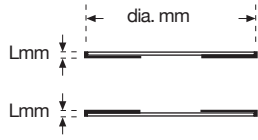
**ISO 358  
Mounted**

Super Flex	Thickness mm	22mm	19mm
Riveted mandrel ● XF Order No.	0.17	R04/358 504 220	R04/358 504 190
Screwed mandrel ● XF Order No.	0.17	S04/358 504 220	S04/358 504 190

# DD - Dental Discs

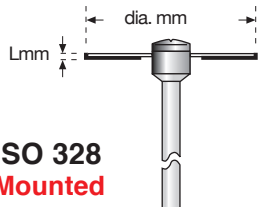
## 917 Single Sided

Illustration of mounted discs-mandrels are optional



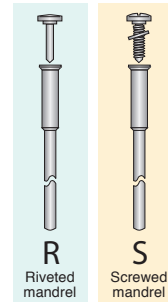
### ISO 328 Unmounted

Semi Flex	Thickness mm		
● F Order No.	0.35	328 514 220	328 514 190
● M Order No.	0.40	328 524 220	328 524 190



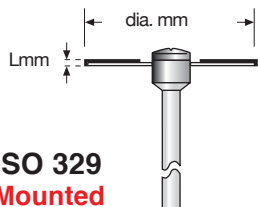
### ISO 328 Mounted

Semi Flex	Thickness mm		
Riveted mandrel ● F Order No.	0.35	R04/328 514 220	R04/328 514 190
Riveted mandrel ● M Order No.	0.40	R04/328 524 220	R04/328 524 190
Screwed mandrel ● F Order No.	0.35	S04/328 514 220	S04/328 514 190
Screwed mandrel ● M Order No.	0.40	S04/328 524 220	S04/328 524 190



## 916 Single Sided

Illustration of mounted discs-mandrels are optional



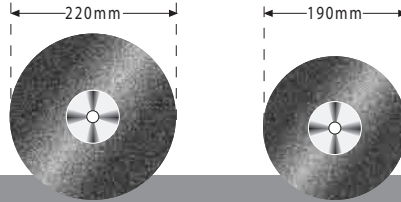
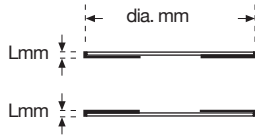
### ISO 329 Mounted

Semi Flex	Lmm Thickness		
Riveted mandrel ● F Order No.	0.35	R04/329 514 220	R04/329 514 190
Riveted mandrel ● M Order No.	0.40	R04/329 524 220	R04/329 524 190
Screwed mandrel ● F Order No.	0.35	S04/329 514 220	S04/329 514 190
Screwed mandrel ● M Order No.	0.40	S04/329 524 220	S04/329 524 190

# DD - Dental Discs

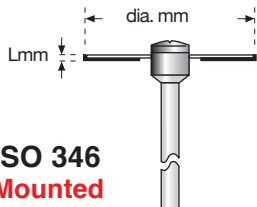
## 917 Single Sided

Illustration of mounted discs-mandrels are optional



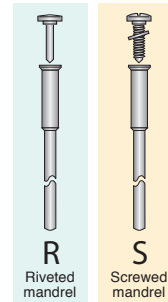
### ISO 346 Unmounted

Flex	Thickness mm		
● F Order No.	0.20	346 514 220	346 514 190
● M Order No.	0.25	346 524 220	346 524 190



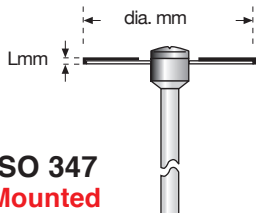
### ISO 346 Mounted

Flex	Thickness mm		
Riveted mandrel ● F Order No.	0.20	R04/346 514 220	R04/346 514 190
Riveted mandrel ● M Order No.	0.25	R04/346 524 220	R04/346 524 190
Screwed mandrel ● F Order No.	0.20	S04/346 514 220	S04/346 514 190
Screwed mandrel ● M Order No.	0.25	S04/346 524 220	S04/346 524 190



## 916 Single Sided

Illustration of mounted discs-mandrels are optional



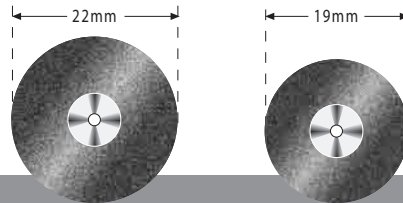
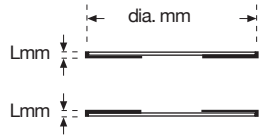
### ISO 347 Mounted

Flex	Thickness mm		
Riveted mandrel ● F Order No.	0.20	R04/347 514 220	R04/347 514 190
Riveted mandrel ● M Order No.	0.25	R04/347 524 220	R04/347 524 190
Screwed mandrel ● F Order No.	0.20	S04/347 514 220	S04/347 514 190
Screwed mandrel ● M Order No.	0.25	S04/347 524 220	S04/347 524 190

# DD - Dental Discs

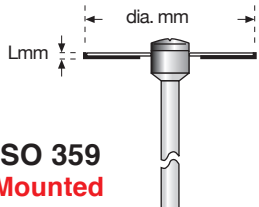
## 917 Single Sided

Illustration of mounted discs-mandrels are optional



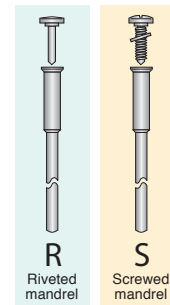
### ISO 359 Unmounted

Super Flex	Thickness mm		
● XF Order No.	0.12	359 504 220	359 504 190



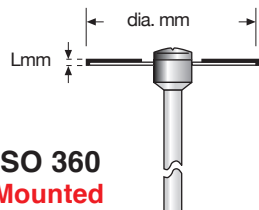
### ISO 359 Mounted

Super Flex	Thickness mm		
Riveted mandrel ● XF Order No.	0.12	R04/359 504 220	R04/359 504 190
Screwed mandrel ● XF Order No.	0.12	S04/359 504 220	S04/359 504 190



## 916 Single Sided

Illustration of mounted discs-mandrels are optional

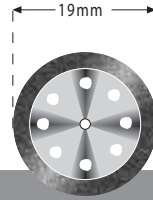
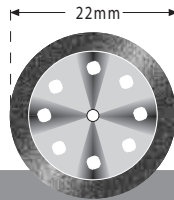
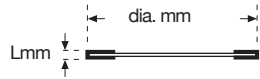


### ISO 360 Mounted

Super Flex	Thickness mm		
Riveted mandrel ● XF Order No.	0.12	R04/360 504 220	R04/360 504 190
Screwed mandrel ● XF Order No.	0.12	S04/360 504 220	S04/360 504 190

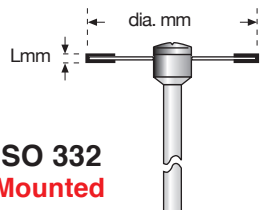
# DD - Dental Discs

## 911H Double Sided - Perforated



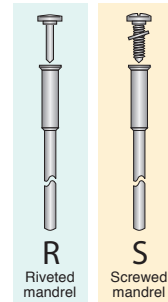
### ISO 332 Unmounted

Semi Flex	Thickness mm	22mm	19mm
● F Order No.	0.45	332 514 220	332 514 190
● M Order No.	0.55	332 524 220	332 524 190



### ISO 332 Mounted

Semi Flex	Thickness mm	22mm	19mm
Riveted mandrel ● F Order No.	0.45	R04/332 514 220	R04/332 514 190
Riveted mandrel ● M Order No.	0.55	R04/332 524 220	R04/332 524 190
Screwed mandrel ● F Order No.	0.45	S04/332 514 220	S04/332 514 190
Screwed mandrel ● M Order No.	0.55	S04/332 524 220	S04/332 524 190



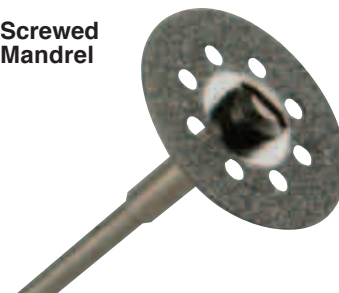
## Mandrels and Mountings

### Riveted Mandrel

MDT Riveted discs are autoclavable for convenience & efficiency

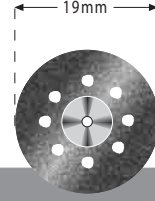
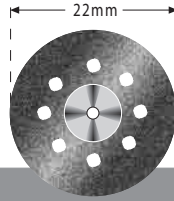
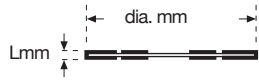


### Screwed Mandrel



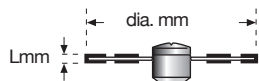
# DD - Dental Discs

## 918H Double Sided - Perforated



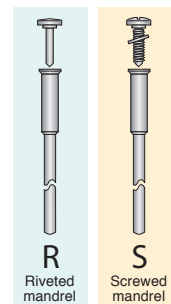
### ISO 335 Unmounted

Semi Flex	Thickness mm	22mm	19mm
● F Order No.	0.45	335 514 220	335 514 190
● M Order No.	0.55	335 524 220	335 524 190
● C Order No.	0.60	335 534 220	335 534 190



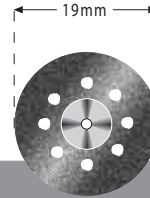
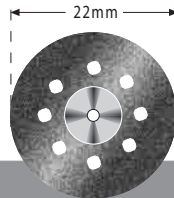
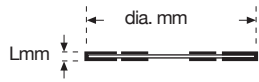
### ISO 335 Mounted

Semi Flex	Thickness mm	22mm	19mm
Riveted mandrel ● F Order No.	0.45	R04/335 514 220	R04/335 514 190
Riveted mandrel ● M Order No.	0.55	R04/335 524 220	R04/335 524 190
Riveted mandrel ● C Order No.	0.60	R04/335 534 220	R04/335 534 190
Screwed mandrel ● F Order No.	0.45	S04/335 514 220	S04/335 514 190
Screwed mandrel ● M Order No.	0.55	S04/335 524 220	S04/335 524 190
Screwed mandrel ● C Order No.	0.60	S04/335 534 220	S04/335 534 190



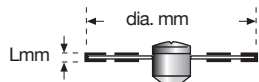
# DD - Dental Discs

## 918H Double Sided - Perforated



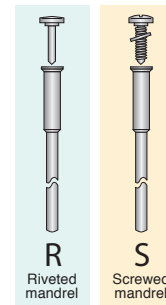
### ISO 350 Unmounted

Flex	Thickness mm	22mm	19mm
● F Order No.	0.30	350 514 220	350 514 190
● M Order No.	0.40	350 524 220	350 524 190



### ISO 350 Mounted

Flex	Thickness mm	22mm	19mm
Riveted mandrel ● F Order No.	0.30	R04/350 514 220	R04/350 514 190
Riveted mandrel ● M Order No.	0.40	R04/350 524 220	R04/350 524 190
Screwed mandrel ● F Order No.	0.30	S04/350 514 220	S04/350 514 190
Screwed mandrel ● M Order No.	0.40	S04/350 524 220	S04/350 524 190



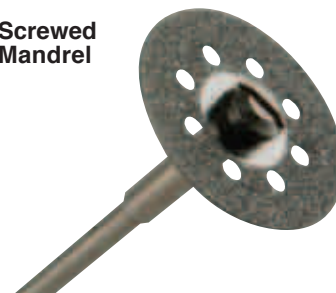
## Mandrels and Mountings

### Riveted Mandrel

MDT Riveted discs are autoclavable for convenience & efficiency



### Screwed Mandrel

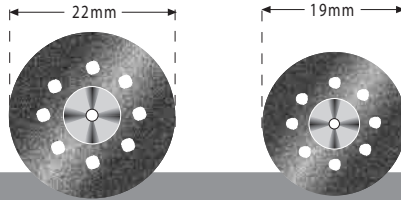
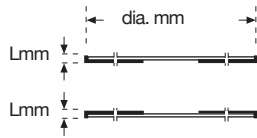




# DD - Dental Discs

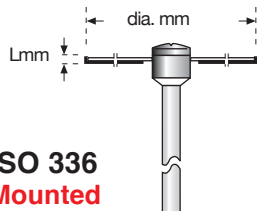
## 917H Single Sided - Perforated

Illustration of mounted discs-mandrels are optional



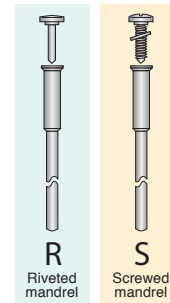
### ISO 336 Unmounted

Semi Flex	Thickness mm		
● F Order No.	0.35	336 514 220	336 514 190
● M Order No.	0.40	336 524 220	336 524 190



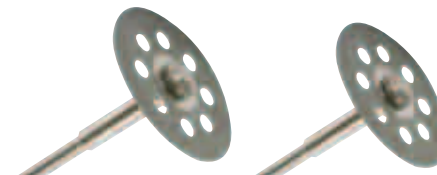
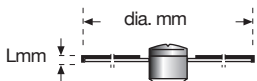
### ISO 336 Mounted

Semi Flex	Thickness mm		
Riveted mandrel ● F Order No.	0.35	R04/336 514 220	R04/336 514 190
Riveted mandrel ● M Order No.	0.40	R04/336 524 220	R04/336 524 190
Screwed mandrel ● F Order No.	0.35	S04/336 514 220	S04/336 514 190
Screwed mandrel ● M Order No.	0.40	S04/336 524 220	S04/336 524 190



## 916H Single Sided - Perforated

Illustration of mounted discs-mandrels are optional



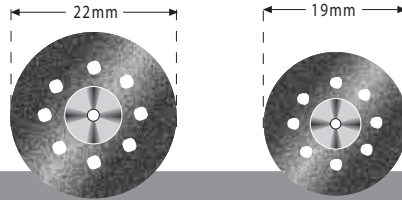
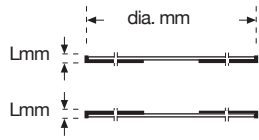
### ISO 337 Mounted

Semi Flex	Thickness mm		
Riveted mandrel ● F Order No.	0.35	R04/337 514 220	R04/337 514 190
Riveted mandrel ● M Order No.	0.40	R04/337 524 220	R04/337 524 190
Screwed mandrel ● F Order No.	0.35	S04/337 514 220	S04/337 514 190
Screwed mandrel ● M Order No.	0.40	S04/337 524 220	S04/337 524 190

# DD - Dental Discs

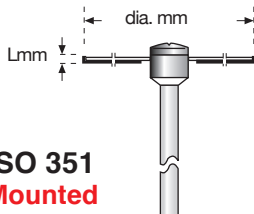
## 917H Single Sided - Perforated

Illustration of mounted discs-mandrels are optional



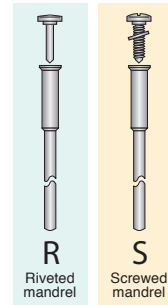
### ISO 351 Unmounted

Flex	Lmm Thickness		
● F Order No.	0.20	351 514 220	351 514 190



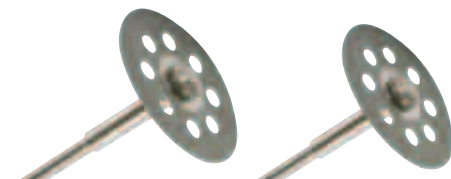
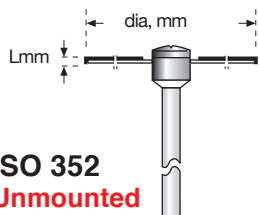
### ISO 351 Mounted

Flex	Thickness mm		
Riveted mandrel ● F Order No.	0.20	R04/351 514 220	R04/351 514 190
Screwed mandrel ● F Order No.	0.20	S04/351 514 220	S04/351 514 190



## 916H Single Sided - Perforated

Illustration of mounted discs-mandrels are optional



### ISO 352 Unmounted

Flex	Thickness mm		
Riveted mandrel ● F Order No.	0.20	R04/352 514 220	R04/352 514 190
Screwed mandrel ● F Order No.	0.20	S04/352 514 220	S04/352 514 190

# DD - Dental Discs



## Double Sided - Diagonally Serrated

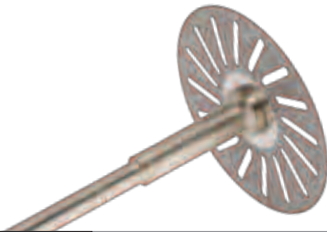
ISO 377



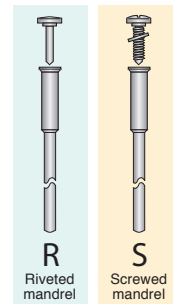
Flex	Thickness mm	
● F Order No.	0.30	377 514 220
● XF Order No.	0.25	377 504 220

## Double Sided - Diagonally Slotted

ISO 390



Flex	Thickness mm	
● F Order No.	0.30	390 514 220
● XF Order No.	0.25	390 504 220



# DD - Dental Discs



## Double Sided - Perforated + Slotted

### ISO 350PS



Flex	Thickness mm	
● F Order No.	0.30	350PS 514 220
● XF Order No.	0.25	350PS 504 220

## Double Sided, Serrated & Slotted

### ISO 379PS



Flex	Thickness mm	
● F Order No.	0.30	379PS 514 220
● XF Order No.	0.25	379PS 504 220

