



*feel
the difference!*

MULTILAYER DIAMOND INSTRUMENTS

For dental practice

ROUND

STANDARD

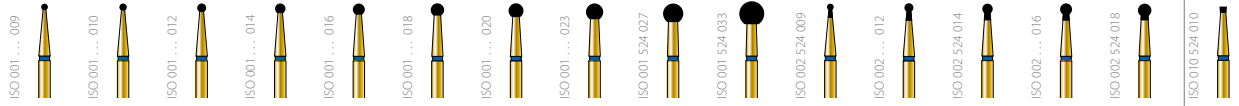


Fig. No.	801 009	801 010	801 012	801 014	801 016	801 018	801 020	801 023	801 027	801 033	802 009	802 012	802 014	802 016	802 018	805 010
ISO Ø 1/10 mm																
Head L mm											2.3	2.3	2.3	2.3	2.3	0.8
MLX = 150 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ML = 105 - 125 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
F = 45 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
XF = 25 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
UF = 15 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

ROUND END TAPER

STANDARD

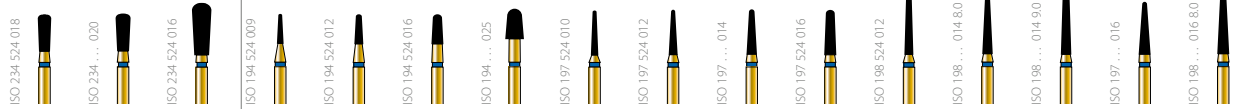


Fig. No.	830L 018	830L 020	830L 026	849 009	849 012	849 016	849 025	855 010	855 012	855 014	855 016	856 012	856 014	856 014	856 016	856 016
ISO Ø 1/10 mm																
Head L mm	5	5	7	4	4	4	4	6	6	6	6	8	8	9	7	8
MLX = 150 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ML = 105 - 125 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
F = 45 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
XF = 25 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
UF = 15 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

ROUNDED END TAPER

STANDARD

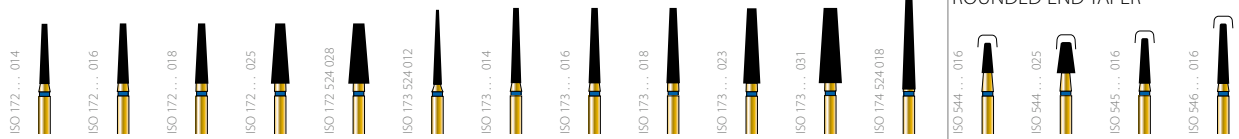


Fig. No.	847 014	847 016	847 018	847 025	847 028	848 012	848 014	848 016	848 018	848 023	848 031	848L 018	845R 016	845R 025	846R 016	847R 016
ISO Ø 1/10 mm																
Head L mm	8	8	8	8	8	10	10	10	10	10	10	12	4	4	6	8
MLX = 150 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ML = 105 - 125 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
F = 45 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
XF = 25 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
UF = 15 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

FLAME

STANDARD

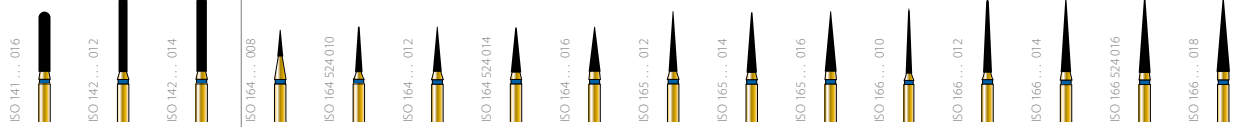


Fig. No.	881 016	882 012	882 014	853 008	852 010	852 012	852 014	852 016	852 012	858 014	858 016	858 010	859 012	859 014	859 016	859 018
ISO Ø 1/10 mm																
Head L mm	8	10	10	3.5	6	6	6	6	8	8	8	10	10	10	10	10
MLX = 150 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ML = 105 - 125 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
F = 45 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
XF = 25 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
UF = 15 µm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

MICRO BURS

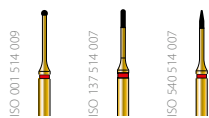


Fig. No.	801M 009	838M 007	889M 007
ISO Ø 1/10 mm			
Head L mm	0.6	2.4	2.4
MLX = 150 µm	■	■	■
ML = 105 - 125 µm	■	■	■
F = 45 µm	■	■	■
XF = 25 µm	■	■	■
UF = 15 µm	■	■	■

GUIDE PIN

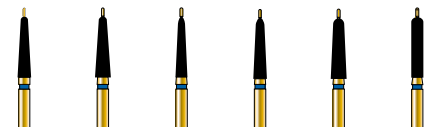


Fig. No.	856P 018	856P 021	878KP 016	878KP 018	878KP 021	881P 016
ISO Ø 1/10 mm						
Head L mm	8	8	8	8	8	8
MLX = 150 µm	■	■	■	■	■	■
ML = 105 - 125 µm	■	■	■	■	■	■
F = 45 µm	■	■	■	■	■	■
XF = 25 µm	■	■	■	■	■	■
UF = 15 µm	■	■	■	■	■	■

INVERTED CONE

ISO 010.524.012	ISO 010.524.014	ISO 010.524.016	ISO 010.524.018	ISO 010.524.023	ISO 025.524.010	ISO 025.524.012	ISO 025.524.016	ISO 025.524.018
805 012 0.9	805 014 1.4	805 016 1.4	805 018 1.6	805 023 2.1	807 010 3.5	807 012 3.5	807 016 4	807 018 5

DOUBLE CONE

ISO 019.524.009	ISO 019.524.010	ISO 019.524.012	ISO 019.524.014	ISO 019.524.016	ISO 032.524.010	ISO 032.524.014	ISO 032.524.018	ISO 038.524.031	ISO 038...033
806 009 2.2	806 010 2.2	806 012 2.2	806 014 2.2	806 016 2.5	813 010 1.5	813 014 1.5	813 018 2	811 031 4.2	811 033 5

ISO 198...016.90	ISO 198...018.80	ISO 198...018.90	ISO 197...025	ISO 198.524.025	ISO 198.524.016.80.N	ISO 198.524.012.100	ISO 198.524.014.100	ISO 198...016.10.0	ISO 198...018.10.0	ISO 198...018.11.0	ISO 198.524.016.120	ISO 198.524.018.120	ISO 199...012	ISO 199...014	ISO 199...016	ISO 199...018.10.0		
856 016 9	856 018 8	856 018 9	856 021 9	856 025 7	856 025 8	856N 014 8	856N 016 8	856L 012 10	856L 014 10	856L 016 10	856L 018 10	856L 018 11	856XL 016 12	856XL 018 12	850 012 10	850 014 10	850 016 10	850 018 10

TAPER

ISO 6051...018	ISO 6052...018	ISO 6053...018	ISO 6054...018	ISO 6055...018	ISO 6056...018
6051 018 6	6052 018 8	6053 018 10	6054 018 6	6055 018 8	6056 018 10

POINTED TAPER

ISO 297...012	ISO 297...014	ISO 297...016	ISO 297...018	ISO 297...021	ISO 298...010	ISO 298...012	ISO 298...014	ISO 298...016	ISO 298...018	ISO 298...021	ISO 299...012	ISO 299...014
877K 012 6	877K 014 6	877K 016 6	877K 018 6	877K 021 6	878K 010 8	878K 012 8	878K 014 8	878K 016 8	878K 018 8	878K 021 8	879K 012 10	879K 014 10

ISO 166.524.021	ISO 166...024	ISO 245...012	ISO 245...012	ISO 245...014	ISO 249...010	ISO 249...012	ISO 249...014	ISO 249...016	ISO 250...012	ISO 250...014	ISO 250...016	ISO 251...014	ISO 540...009	ISO 162...014	ISO 534.504.008	ISO 534...010	ISO 534...012
859 021 10	859 024 10	860 012 5	860 012 6.5	860 014 5	862 010 8	862 012 8	862 014 8	862 016 8	863 012 10	863 014 10	863 016 10	864 014 12	889 009 3.5	873 014 2	874 008 3	874 010 2	874 012 2

PERIO

ISO 258...014	ISO 259...014	ISO 267...014	ISO 268...014
368 014 5	368L 014 5	893 014 7	893L 014 7

Fig. No.	368	368L	893	893L
ISO Ø 1/10 mm	014	014	014	014
Head L mm	5	5	7	7
MLX = 150 µm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ML = 105 – 125 µm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F = 45 µm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
XF = 25 µm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UF = 15 µm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

OCCLUSAL			ACORN			FOOTBALL						INTERPROXIMAL					
811 037 7	811 048 8	899 027 7	905 023 2.7	905 027 2.9	905 031 3.1	368 016 3.5	368 020 5	368 023 5	379 014 3	379 016 3.5	379 018 3.5	379 023 4.2	379 023 5	390 014 3	392 016 6	392 016 8	392 018 8


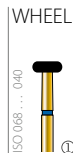







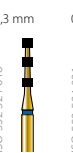








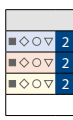
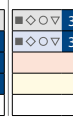
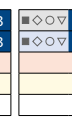
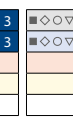
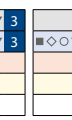
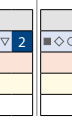
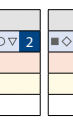
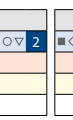
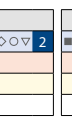
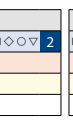
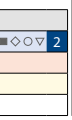
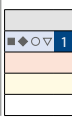
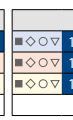
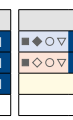
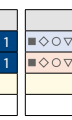
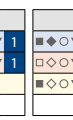
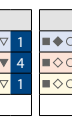
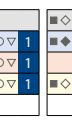
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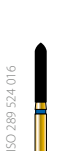
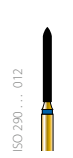
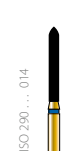
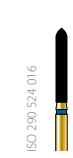



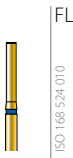











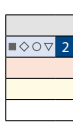
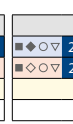

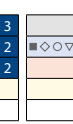
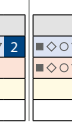
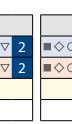
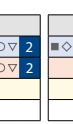
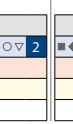
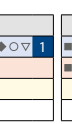
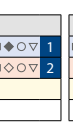

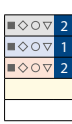
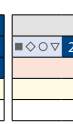
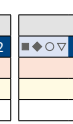
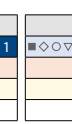
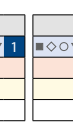

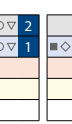
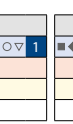
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879K 016 10	879K 018 10	879K 021 10	886K 018 9.5	835 008 3	835 010 4	835 012 4	835 014 4	835 016 4	836 012 6	836 014 6	836 016 6	836 018 6	837 012 7	837 012 8	837 014 8	837 016 8	837 018 8	842 014 12

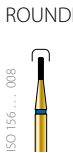
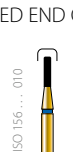
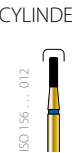
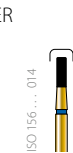
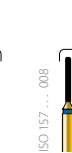





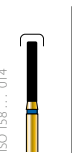
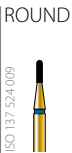







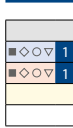
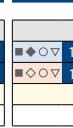
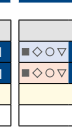
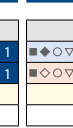
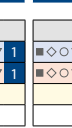
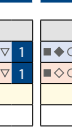
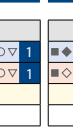
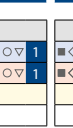
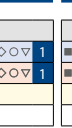
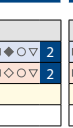
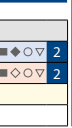
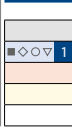
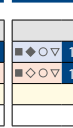
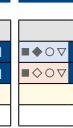
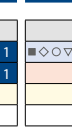
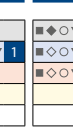

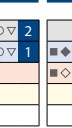
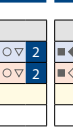
TOPSPIN 2000																
Fig. No.	379	811	836	837	847	847	847	848	848	848	848	856	856	856	856	
ISO Ø 1/10 mm	023	033	016	014	016	018	025	014	016	018	023	025	016	018	021	
Head L mm	5	5	6	8	8	8	8	10	10	10	10	7	8	8	9	
MLX = 150 µm																
ML = 105 - 125 µm																
F = 45 µm																
XF = 25 µm																
UF = 15 µm																






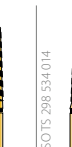










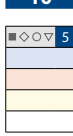
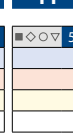
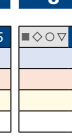
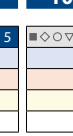
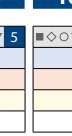
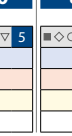
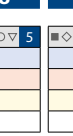
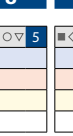
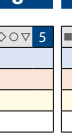
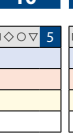
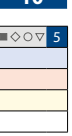
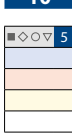
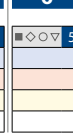
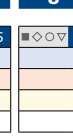
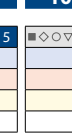
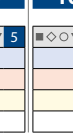


DIASTRIP	
Fig. No.	600UM
Width in mm	2,50
Length in mm	80,00
Available grit size	40µm <input type="checkbox"/> 15µm <input type="checkbox"/>

WHEEL					DEPTH MARKER					PEAR							
					0.3 mm	0.5 mm	0.7 mm	0.3 mm	0.5 mm								
																	
392 021 10	909 040 1.5	909 045 1.5	909 055 2	818 025 0.7	828 022 1	828 026 1	828 030 1	834 016 6.8	834 021 6.8	830 010 2.7	830 012 2.7	830 014 2.7	830 016 2.7	830L 010 4	830L 012 4	830L 014 5	830L 016 5
																	

END CUTTING				FLAT END TAPER															
																			
878 016 8	879 012 10	879 014 10	879 016 10	839 010 8	839 012 8	839 014 8	845 010 4	845 012 4	845 014 4	845 016 4	845 023 5	846 012 6	846 014 6	846 016 6	846 016 7	846 018 7	846 023 7	847 012 8	
																			

ROUNDED END CYLINDER										ROUND END CYLINDER									
																			
835R 008 3	835R 010 4	835R 012 4	835R 014 4	836R 008 6	836R 010 6	836R 012 6	836R 014 6	837R 012 8	837R 014 8	838 009 3	838 010 4	838 012 4	838 014 4	880 012 6	880 014 6	881 010 8	881 012 8	881 014 8	
																			

															
856L 016 10	856L 018 11	850 018 8	850 016 10	850 018 10	878K 014 8	878K 016 8	878K 018 8	879K 014 10	879K 018 10	879K 021 10	880 014 6	881 016 8	882 014 10	886 014 10	886 016 10
															

4 REASONS FOR DIATECH MULTILAYER DIAMONDS

(en)

- 1. Improved cutting performance**
Uniform distribution of the diamond coating for longer and smoother cutting performance
- 2. Longer cutting performance**
Additional diamond grits on different levels
- 3. High recognition value**
Gold plating for high quality and safety
- 4. Swiss-quality**
Guaranteed craftsmanship and long-term experience

(de)

- 1. Verbesserte Schleifleistung**
Gleichmässige Diamant-Beschichtung für langes und gleichmässiges Schleifen
- 2. Erhöhte Lebensdauer**
Mehr Diamantkorn auf verschiedenen Ebenen
- 3. Wiedererkennungswert**
Goldbeschichtung für hohe Qualität und Sicherheit
- 4. Schweizer Präzision**
Garantierte Verarbeitungsqualität sowie lang-jährige Erfahrung

(fr)

- 1. Une meilleure qualité de coupe**
Répartition uniforme de la couche de diamant pour une qualité de coupe plus douce et une durée de vie plus longue
- 2. Une qualité de coupe qui dure plus longtemps**
Particules de diamant supplémentaires à différents niveaux
- 3. Haute valeur de reconnaissance**
Plaqué-or pour une excellente qualité et une grande sécurité
- 4. Qualité suisse**
Savoir-faire artisanal et longue expérience

(es)

- 1. Precisión de corte mejorada**
Distribución uniforme del revestimiento de diamante para una precisión de corte más larga y más suave
- 2. Precisión de corte más duradera**
Más grano de diamante en distintos niveles
- 3. Alto nivel de reconocimiento**
Revestimiento de oro para una mayor calidad y seguridad
- 4. Calidad suiza**
Elaboración de calidad garantizada y larga experiencia

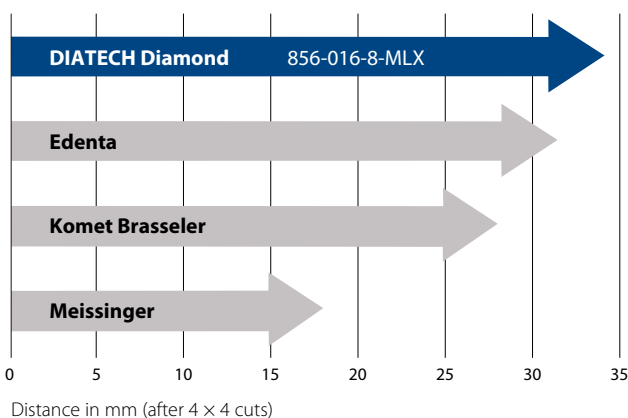
(it)

- 1. Migliori prestazioni di taglio**
Distribuzione uniforme del rivestimento diamantato per risultati di taglio più uniformi e duraturi
- 2. Prestazioni di taglio più durature**
Più grana diamantata su diversi livelli
- 3. Elevato valore di riconoscimento**
Rivestimento dorato per un'elevata qualità e sicurezza
- 4. Qualità svizzera**
Qualità di lavorazione garantita ed esperienza a lungo termine

(el)

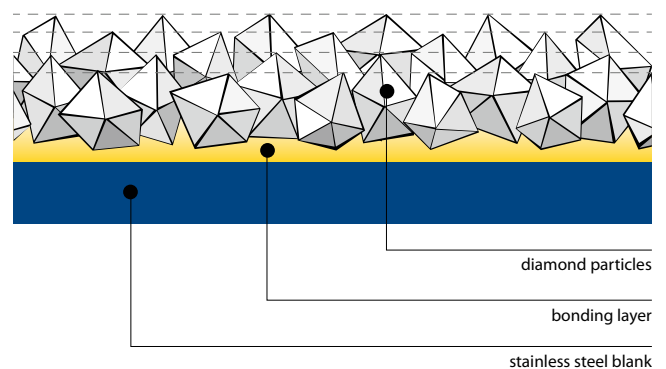
- 1. Βελτιωμένη απόδοση κοπής**
Ομοιόμορφη κατανομή της επικάλυψης διαμαντιού για ομαλότερη απόδοση κοπής για μεγαλύτερο χρονικό διάστημα
- 2. Απόδοση κοπής μεγάλης διάρκειας**
Πρόσθετοι κόκκοι διαμαντιού σε διαφορετικά επίπεδα
- 3. Υψηλή αξία αναγνωρισιμότητας**
Επικάλυψη χρυσού για υψηλή ποιότητα και ασφάλεια
- 4. Ελβετική ποιότητα**
Εγγυημένη ποιότητα κατασκευής και μακροχρόνια εμπειρία

CUTTING PERFORMANCE



DIATECH Multilayer Gold Diamonds cuts up to **88 % faster** than competitive products

MULTILAYER DIAMOND COATING



DIATECH's Exclusive Multilayer Diamond Coating

EXPLANATION OF THE DIAGRAM

ISO number (shape, variable grit size, diameter)
 ISO Nummer (Form, Korngröße variabel, Durchmesser)
 Numéro ISO (forme, granulométrie variable, diamètre)
 Número ISO (forma, granulación variable, diámetro)
 ISO number (forma, granulometrie variabile, diametro)
 Αριθμός ISO (σχήμα, μεταβλητή κοκκομετρία, διάμετρος)

Full size illustration 1:1
 Instrumentenabbildung 1:1
 Représentation des instruments 1:1
 Representación del instrumento diamantado a escala 1:1
 Illustrazione della fresa diamantata in scala 1:1
 Εικόνα φυσικού μεγέθους 1:1

Reference number
 Referenznummer
 Numéro de référence
 Número de referencia
 Numero della referenza
 Αριθμός αναφοράς

Single pack (instead of packs of five)
 Einzelpackung (anstatt 5er Packung)
 Emballage unitaire (au lieu de conditionnement par 5)
 Confección singular (en vez de paquetes de cinco)
 Confezione singola (invece di cinque in un)
 Ατομική συσκευασία (αντί για συσκευασίες των πέντε τεμαχίων)

Head diameter in 1/10 mm
 Kopfdurchmesser in 1/10mm
 Diamètre de la tête en 1/10 mm
 Diámetro de cabeza en 1/10 mm
 Diametro della testa in 1/10 di mm
 Διάμετρος κεφαλής σε 1/10 mm

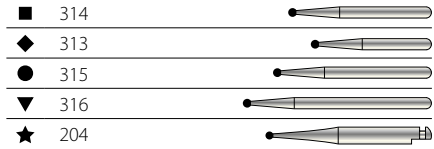
Price groups
 Preisgruppe
 Groupes de prix
 Grupo de precios
 Gruppo da prezzi
 Ομάδες τιμών

Head length in mm
 Kopflänge in mm
 Longueur de la tête en mm
 Longitud de cabeza en mm
 Lunghezza testa in mm
 Μήκος κεφαλής σε mm

Types of Shank
 Schaftarten
 Types de mandrins
 Tipos de mandriles
 Types of Shank
 Τύποι στελέχους

Grit sizes
 Korngrößen
 Granulométries
 Granulación
 Granulometrie
 Μεγέθη κόκκων

MLX	150 µm
ML	105 – 125 µm
F	45 µm
XF	25 µm
UF	15 µm



RECOMMENDED SPEEDS

Head diameter in 1/10 mm
 Kopfdurchmesser in 1/10 mm
 Diamètre de tête en 1/10 mm
 Diámetro de la cabeza en 1/10 mm
 Diametro della testa in 1/10 mm
 Διάμετρος κεφαλής σε 1/10 mm

Speed range (min-1)
 Drehzahlbereich (min-1)
 Plage des vitesses de rotation (min-1)
 Velocidades (min-1)
 Campo dei numeri di giri (min-1)
 Εύρος ταχυτήτων (min-1)

008 – 010	75.000 – 150.000
012 – 014	60.000 – 110.000
016 – 018	45.000 – 88.000
021 – 023	40.000 – 75.000
025 – 027	30.000 – 65.000
029 – 031	25.000 – 56.000
033 – 040	22.000 – 45.000
042 – 050	20.000 – 37.000
055 – 060	17.000 – 32.000
065 – 080	13.000 – 26.000
085 – 100	12.000 – 24.000
120 – 140	8.000 – 15.000
160 – 180	6.000 – 12.000
200 – 220	5.000 – 11.000

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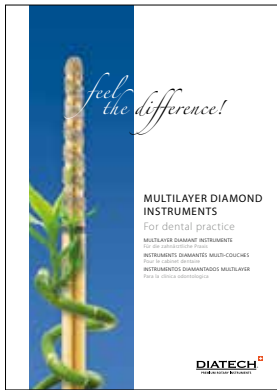
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Fax +33 2 43 39 30 40
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**For more information on DIATECH diamond, carbide and polisher instruments,
see our full catalogue range.**



**DIATECH Multilayer
Diamond Instruments**

Art.-Nr. 98436



**DIATECH Carbide
Instruments**

Art.-Nr. 98406



**DIATECH Polisher
Instruments**

Art.-Nr. 98407

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